



F O R T U N A
S I L V E R M I N E S I N C .

ANNUAL INFORMATION FORM

For the Fiscal Year Ended December 31, 2023

DATED: March 22, 2024

CORPORATE OFFICE:

Suite 650, 200 Burrard Street
Vancouver, BC V6C 3L6, Canada
Tel: 604.484.4085
Fax: 604.484.4029

MANAGEMENT HEAD OFFICE:

Piso 5, Av. Jorge Chávez #154
Miraflores, Lima, Peru
Tel: 511.616.6060, ext. 2

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PRELIMINARY NOTES

This Annual Information Form ("AIF") is dated March 22, 2024 and presents information about Fortuna Silver Mines Inc. (referred to herein as the "**Company**" or "**Fortuna**"). Except as otherwise indicated, the information contained herein is presented as at December 31, 2023, being the date of the Company's most recently completed financial year end.

Fortuna has a number of direct and indirect subsidiaries which own and operate assets and conduct activities in different jurisdictions. The terms "**Fortuna**" or the "**Company**" are used in this AIF for simplicity of the discussion provided herein and may include references to subsidiaries that have an affiliation with Fortuna, without necessarily identifying the specific nature of such affiliation.

Cautionary Statement – Forward-Looking Statements

Certain statements contained in this AIF and the documents incorporated by reference into this AIF constitute forward-looking statements within the meaning of the United States Private Securities Litigation Reform Act of 1995 and Section 21E of the United States Securities Exchange Act of 1934, as amended (the "**Exchange Act**") and Section 27A of the U.S. Securities Act of 1933, as amended (the "**Securities Act**"), and forward-looking information within the meaning of applicable Canadian securities legislation (collectively, "forward-looking statements"). All statements included herein, other than statements of historical fact, are forward-looking statements and are subject to a variety of known and unknown risks and uncertainties which could cause actual events or results to differ materially from those reflected in the forward-looking statements. The forward-looking statements in this AIF include, without limitation, statements relating to:

- Mineral Reserves (as defined herein) and Mineral Resources (as defined herein) at the Caylloma, Lindero, San Jose, Séguéla and Yaramoko mines and at the Arizaro Project, as they involve implied assessment, based on estimates and assumptions that the Mineral Reserves and Mineral Resources described exist in the quantities predicted or estimated and can be profitably produced in the future;
- estimated rates of production for gold silver and the other metals that we produce, timing of production and the cash costs and all-in sustaining cash costs ("**AISC**") estimates;
- expectations with respect to metal grade estimates and the impact of any variations relative to metal grades experienced;
- the Company's plans and expectations for its material properties and future Brownfields and Greenfields exploration, development and operating activities including, without limitation, capital expenditures, exploration activities and budgets, forecasts and schedule estimates, as well as their impact on the results of operations or financial condition of the Company;
- results from the feasibility and optimization work at the Séguéla Mine to realize the opportunity to incorporate underground mineable resources at the Sunbird, Ancien and Koula deposits;
- life of mine estimates for the Caylloma, Lindero, San Jose, Séguéla and Yaramoko Mines, including the exhaustion of Mineral Reserves at the San Jose Mine, the timing of the closure of the San Jose Mine, and the estimated costs of associated with such closure;
- the proposed expansion of ore processing at the Séguéla Mine above the target prepared and estimated in 2021 and the initiatives to de-bottleneck the processing plant to be put in place in 2024;
- timing for delivery of materials and equipment for the Company's properties;
- timing and cost of sustaining capital projects at the Company's mines, including the one-time phase II expansion of the leach pad at the Lindero Mine; the replacement and overhaul of heavy equipment and purchase of critical spare parts at the Lindero Mine; the expansion of the tailings storage facility at the Séguéla Mine; and the enhancement of the power grid substation and the completion of phase II of the plant power substation at the Caylloma Mine;
- the sufficiency of the Company's cash on hand and available credit lines and estimated cash flows to fund planned capital and exploration programs at its properties;
- the Company's financial performance being closely linked to the prices of silver and gold and other metals;
- rising costs caused by the effect of the Ukraine - Russian conflict and the Israel - Hamas war, causing increased rates of inflation and pressures on the global supply chain;

- the anticipated rates of returns from mining projects, as reflected in preliminary economic assessments, pre-feasibility and feasibility studies or other reports prepared in relation to development of projects;
- future sales of the metals and concentrates or other products that the Company produces, the availability and location of refineries and sales counterparts, and any plans and expectations with respect to hedging;
- the Company's intentions with respect to the exploration of the Diamba Sud gold project ("**Diamba Sud Project**") the results and anticipated timing of the 42,700 meter drill program at the Diamba Sud Project which is intended to confirm and to expand the historical mineral resource prepared under the JORC Code, and support the development of the project towards the preparation of a resource model in late 2024;
- undisclosed risks and liabilities relating to the acquisition of Chesser Resources Limited;
- restrictions on the ability of employees to travel and restrictions on supply chains as a result of epidemics, pandemics, and health crises may adversely affect the Company's business and operations, and financial condition;
- the appeal by the Secretaria de Medio Ambiente y Recursos Naturales ("**SEMARNAT**") to the reinstatement of the 12-year environmental impact authorization ("**EIA**") for the San Jose Mine;
- the payments due under, and the maturity dates of the Company's financial liabilities, lease obligations and other contractual commitments, including the Company's outstanding convertible debentures in the aggregate amount of \$45.7 million which mature in October 2024 and its senior secured credit facility of which an aggregate of \$165 million was outstanding as at December 31, 2023 and which matures in November 2025;
- the expiry dates of bank letters of guarantee;
- compliance with environmental, health, safety and other regulations;
- the Company's commitment to sustainable development, by conducting its operations in an environmentally and socially responsible manner, including complying with its Sustainability Framework, its environmental, social and governance ("**ESG**") policies and targets and other operational and governance policies, such as the Company's commitment to implementing standards and ensuring compliance with applicable requirements of Global Industry Standard on Tailings Management for its tailings storage facilities by 2027;
- the ability of the Company to reduce its greenhouse gas ("**GHG**") emissions to transition to a lower carbon economy and lessen the impact of its operations on climate change, through projects such as solar power plants at the Lindero and Séguéla Mines; and changing to an energy supplier at its Caylloma Mine which provides energy from 100% renewable energy sources;
- the Company's commitment to mitigating the physical risks of climate change at its mine sites and to minimize its operational water consumption as well as to reduce its exposure to climate-related transition risks;
- complying with anti-corruption laws;
- litigation matters;
- estimated mine closure costs, including remediation and reclamation and timing thereof; and
- future income tax rate.

Often, but not always, these forward-looking statements can be identified by the use of words such as "anticipates", "believes", "plans", "estimates", "expects", "forecasts", "scheduled", "targets", "possible", "strategy", "potential", "intends", "advance", "goal", "objective", "projects", "budget", "calculates" or statements that events, "will", "may", "could" or "should" occur or be achieved and similar expressions, including negative variations.

The forward-looking statements in this AIF also include financial outlooks and other forward-looking metrics relating to Fortuna and its business, including references to financial and business prospects and future results of operations, including production, and cost guidance and anticipated future financial performance. Such information, which may be considered future oriented financial information or financial outlooks within the meaning of applicable Canadian securities legislation (collectively, "**FOFI**"), has been approved by management of the Company and is based on assumptions which management believes were reasonable on the date such FOFI was prepared, having regard to the industry, business, financial conditions, plans and prospects of Fortuna and its business and properties. These projections are provided to describe the prospective performance of the Company's business. Nevertheless, readers are cautioned that such information is highly subjective and should not be relied on as necessarily indicative of future

results and that actual results may differ significantly from such projections. FOFI constitutes forward-looking statements and is subject to the same assumptions, uncertainties, risk factors and qualifications as set forth below.

Material Risks and Assumptions

Forward-looking statements involve known and unknown risks, uncertainties and other factors which may cause the actual events, results, performance or achievements of the Company to be materially different from any events, results, performance or achievements expressed or implied by the forward-looking statements. Such risks, uncertainties and factors include, among others:

- operational risks associated with mining and mineral processing;
- uncertainty relating to Mineral Resource and Mineral Reserve estimates;
- uncertainty relating to capital and operating costs, production schedules and economic returns;
- uncertainties related to new operations such as the Séguéla Mine, including the possibility that actual capital and operating costs and economic returns will differ significantly from those estimated for such projects prior to production;
- uncertainty relating to the financing and timing of the Company's sustaining capital projects at its mines due to the increased costs and rising rates of inflation;
- risks relating to the Company's ability to replace its Mineral Reserves;
- risks associated with mineral exploration and project development;
- risk related to the exploration of projects such as the Diamba Sud Project, including whether a mineral resource estimate prepared under NI 43-101 (as defined herein) will be confirmed, and if confirmed will be in an amount satisfactory to the Company;
- risks associated with political instability and changes to the regulations governing the Company's business operations;
- uncertainty relating to the repatriation of funds as a result of currency controls;
- environmental matters including obtaining or renewing environmental permits and potential liability claims;
- uncertainties related to the timing of the closure of the San Jose Mine;
- changes in national and local government legislation, taxation, controls, regulations and political or economic developments in countries in which the Company does or may carry on business, including potential changes by the new Argentine Government to national macroeconomic policies, the taxation system and import and export duties;
- risks associated with war, hostilities or other conflicts, such as the Ukrainian – Russian conflict and the Israel – Hamas war, and the possible impact of such conflicts on global economic activity;
- risks relating to the termination of the Company's mining concessions in certain circumstances;
- risks related to International Labour Organization ("ILO") Convention 169 compliance;
- developing and maintaining relationships with local communities and stakeholders;
- risks associated with losing control of public perception as a result of social media and other web-based applications;
- potential opposition to the Company's exploration, development and operational activities;
- risks related to the Company's ability to obtain adequate financing for planned exploration and development activities;
- substantial reliance on the Séguéla Mine, the Lindero Mine, the Yaramoko Mine and the Caylloma Mine for revenues;
- property title matters;
- risks relating to the integration of businesses and assets acquired by the Company;
- failure to meet covenants under the 2021 Credit Facility (as defined herein), or an event of default which may reduce the Company's liquidity and adversely affect its business;
- impairments;
- restrictions on the 2021 Credit Facility being temporary in nature;
- reliance on key personnel;
- uncertainty relating to potential conflicts of interest involving the Company's directors and officers;

- risks associated with the Company's reliance on local counsel and advisors and its management and Board (as defined herein) in foreign jurisdictions;
- adequacy of insurance coverage;
- operational safety and security risks;
- risks related to the Company's compliance with the Sarbanes-Oxley Act;
- risks related to the foreign corrupt practices regulations and anti-bribery laws;
- uncertainties regarding the outcome of the appeal of the reinstatement of the Company's 12 year EIA at the San Jose Mine;
- legal proceedings and potential legal proceedings;
- uncertainties relating to general economic conditions;
- competition;
- fluctuations in metal prices;
- risks associated with entering into commodity forward and option contracts for base metals production;
- fluctuations in currency exchange rates;
- tax audits and reassessments;
- risks related to hedging;
- uncertainty relating to concentrate treatment charges and transportation costs;
- sufficiency of monies allotted by the Company for land reclamation;
- risks associated with dependence upon information technology systems, which are subject to disruption, damage, failure and risks with implementation and integration;
- the possibility of an outbreak of a communicable disease, epidemic or pandemic in areas in which Fortuna operates, which could affect global economic growth and impact the Company's business, operations, financial condition and share price;
- uncertainty relating to nature and climate conditions;
- risks associated with climate change legislation;
- our ability to manage physical and transition risks related to climate change and successfully adapt our business strategy to a low carbon global economy;
- the anticipated nature and effect of climate related risks;
- risks related to the volatility of the trading price of the Company's common shares ("**Common Shares**") and the Company's senior subordinated unsecured convertible debentures in the aggregate principal amount of US\$45.7 million (the "**Debentures**");
- dilution from future equity or convertible debt financings;
- risks related to future insufficient liquidity resulting from a decline in the price of the Common Shares or Debentures;
- uncertainty relating to the Company's ability to pay dividends in the future;
- risks relating to the market for the Company's securities;
- risks relating to the Debentures of the Company;
- uncertainty relating to the enforcement of U.S. judgments against the Company; and
- risk factors referred to in the "Risk Factors" section in this AIF, and the documents incorporated by reference herein (if any).

Forward-looking statements contained in this AIF are based on the assumptions, beliefs, expectations and opinions of management, including but not limited to:

- that all required third party contractual, regulatory and governmental approvals will be obtained and maintained for the exploration, development, construction and production of its properties;
- there being no significant disruptions affecting operations, whether relating to labor, supply, power, damage to equipment or any other matter;
- there being no material and negative impact to the various contractors, suppliers and subcontractors at the Company's mine sites as a result of the Ukrainian – Russian conflict and the Israel – Hamas war or otherwise that would impair their ability to provide goods and services;
- permitting, construction, development and expansion proceeding on a basis consistent with the Company's current expectations;

- expected trends and specific assumptions regarding metal prices and currency exchange rates;
- prices for and availability of fuel, electricity, parts and equipment and other key supplies remaining consistent with current levels;
- production forecasts meeting expectations;
- any investigations, claims, and legal, labor and tax proceedings arising in the ordinary course of business will not have a material effect on the results of operations or financial condition of the Company; and
- the accuracy of the Company's current Mineral Resource and Mineral Reserve estimates.

Although the Company has attempted to identify important factors that could cause actual actions, events or results to differ materially from those described in forward-looking statements, there may be other factors that cause actions, events or results not to be as anticipated, estimated or intended. These forward-looking statements are made as of the date of this AIF. There can be no assurance that forward-looking statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Accordingly, readers are cautioned not to place undue reliance on forward-looking statements. Except as required by law, the Company does not assume the obligation to revise or update these forward looking-statements after the date of this document or to revise them to reflect the occurrence of future unanticipated events.

Notice Regarding Non-IFRS Measures

Fortuna's audited consolidated financial statements for the years ended December 31, 2023 and 2022 (the "**2023 Financial Statements**") which are referred to in this AIF have been prepared in accordance with International Financial Reporting Standards ("**IFRS**"), as issued by the International Accounting Standards Board. However, this AIF includes certain financial measures and ratios that are not defined under IFRS and are not disclosed in the 2023 Financial Statements, including but not limited to: cash cost per ounce of gold sold; cash cost per tonne of processed ore; cash cost per ounce of silver equivalent; consolidated cash cost per ounce of gold equivalent sold; AISC per ounce of gold sold; AISC per ounce of silver equivalent; and consolidated AISC per ounce of gold equivalent.

These non-IFRS financial measures and non-IFRS ratios are widely reported in the mining industry as benchmarks for performance and are used by management to monitor and evaluate the Company's operating performance and ability to generate cash. The Company believes that, in addition to financial measures and ratios prepared in accordance with IFRS, certain investors use these non-IFRS financial measures and ratios to evaluate the Company's performance. However, the measures do not have a standardized meaning under IFRS and may not be comparable to similar financial measures disclosed by other companies. Accordingly, non-IFRS financial measures and non-IFRS ratios should not be considered in isolation or as a substitute for measures and ratios of the Company's performance prepared in accordance with IFRS.

Except as otherwise described below, the Company has calculated these non-IFRS financial measures and non-IFRS ratios consistently for all periods presented.

To facilitate a better understanding of these measures and ratios as calculated by the Company, descriptions are provided below. In addition, see "Non-IFRS Financial Measures" in the Company's management's discussion and analysis for the fiscal year ended December 31, 2023 ("**2023 MD&A**"), which section is incorporated by reference in this AIF, for additional information regarding each non-IFRS financial measure and non-IFRS ratio disclosed in this AIF, including an explanation of their composition; an explanation of how such measures and ratios provide useful information to an investor and the additional purposes, if any, for which management of Fortuna uses such measures and ratios; and a qualitative reconciliation of each non-IFRS financial measure to the most directly comparable financial measure that is disclosed in the Company's 2023 Financial Statements. The 2023 MD&A may be accessed on SEDAR+ at www.sedarplus.ca and on EDGAR at www.sec.gov under the Company's profile, Fortuna Silver Mines Inc.

Equivalent Ounces

At our San Jose and Caylloma Mines, production and sales of other metals are treated as a silver equivalent in determining a combined precious metal production or sales unit, commonly referred to as silver equivalent ounces. Silver equivalent ounces are calculated by converting other metal production to its silver equivalent using relative

metal/silver metal prices at realized prices and adding the converted metal production expressed in silver ounces to the ounces of silver production. The Lindero, Yaramoko and Séguéla Mines do not make use of an equivalent ounce measure as all material production is gold.

However, consolidated cash costs for production of all mines is provided on a gold equivalent basis. Gold equivalent ounces are calculated by converting other metal production to its gold equivalent using relative metal/gold metal prices at realized prices and adding the converted metal production expressed in gold ounces to the ounces of gold production.

Cash Cost and AISC

In this AIF, the Company has disclosed certain cash cost and AISC figures on a per unit basis, with each such per unit measure being a non-IFRS ratio.

Cash cost is a non-IFRS measure that is an industry-standard method of comparing certain costs on a per unit basis. Cash costs include all direct and indirect operating cash costs related directly to the physical activities of producing metals, including mining and processing costs, third-party refining and treatment charges, on-site general and administrative expenses, applicable production taxes and royalties which are not based on sales or taxable income calculations, net of by-product credits, but are exclusive of the impact of non-cash items that are included as part of the cost of sales that is calculated in the consolidated Income Statement including depreciation and depletion, reclamation, capital, development and exploration costs.

The most directly comparable financial measure to cash cost that is defined in IFRS and disclosed in the Company's 2023 Financial Statements is cost of sales. Unit based cash cost ratios contained in this AIF include:

- cash cost per ounce of gold sold;
- cash cost per tonne of processed ore;
- cash cost per ounce of silver equivalent; and
- consolidated cash cost per ounce of gold equivalent sold

AISC: The Company, in conjunction with an initiative undertaken within the gold mining industry, has adopted AISC and all-in sustaining cost measures based on guidance published by World Gold Council. The Company conforms its AISC and all-in cash cost definitions to that set out in the guidance and the Company presents the cash cost figures on a sold ounce basis.

AISC is a non-IFRS measure that includes total production cash costs incurred at the applicable mining operation but excludes mining royalty recognized as income tax within the scope of IAS-12, as well as non-sustaining capital expenditures. Sustaining capital expenditures, corporate selling, general and administrative expenses, and Brownfields exploration expenditures are added to the cash cost. AISC is estimated at realized metal prices.

The most directly comparable financial measure to AISC that is defined in IFRS and disclosed in the Company's 2023 Financial Statements is cost of sales. Unit based AISC ratios contained in this AIF include:

- all-in sustaining cash cost per ounce of gold sold;
- all-in sustaining cash cost per ounce of silver equivalent; and
- consolidated all-in sustaining cash cost per ounce of gold equivalent sold

Cautionary Note to United States Investors Concerning Estimates of Reserves and Resources

The Company is a Canadian "foreign private issuer" as defined in Rule 3b-4 under the Exchange Act and is permitted to prepare the technical information contained herein in accordance with the requirements of the securities laws in effect in Canada, which differ from the requirements of the securities laws currently in effect in the United States.

Technical disclosure regarding our properties included herein and, in the documents, incorporated herein by reference, if applicable, was prepared in accordance with National Instrument 43-101 — Standards of Disclosure for Mineral Projects (“**NI 43-101**”). 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. NI 43-101 differs significantly from the disclosure requirements of the Securities and Exchange Commission (the “**SEC**”) generally applicable to U.S. companies. Accordingly, information contained herein is not comparable to similar information made public by U.S. companies reporting pursuant to SEC disclosure requirements.

Documents Incorporated by Reference

The information provided in this AIF is supplemented by disclosure contained in the documents listed below which are incorporated by reference into this AIF. These documents must be read together with the AIF in order to provide full, true and plain disclosure of all material facts relating to Fortuna. The documents listed below are not contained within or attached to this document. The documents may be accessed on SEDAR+ at www.sedarplus.ca and on EDGAR at www.sec.gov under the Company’s profile for Fortuna Silver Mines Inc.

Document	Effective Date	Date Filed on SEDAR+ website	Document Category on the SEDAR+ website
Technical Report, Séguéla Gold Mine, Côte d’Ivoire	December 31, 2023	February 16, 2024	Technical Report(s)
Technical Report, Yaramoko Gold Mine, Burkina Faso	December 31, 2022	March 24, 2023	Technical Report(s)
Technical Report, Lindero Mine and Arizaro Project, Argentina	December 31, 2022	March 28, 2023	Technical Report(s)
Technical Report, San Jose Mine, Mexico	December 31, 2023	March 8, 2024	Technical Report(s)
Technical Report, Caylloma Mine, Peru	December 31, 2023	February 16, 2024	Technical Report(s)

Scientific and Technical Information

Eric Chapman, Senior Vice President of Technical Services of the Company, is a “Qualified Person” as defined by NI 43-101. Mr. Chapman is responsible for ensuring that the technical information contained in this AIF is an accurate summary of the original reports and data provided to or developed by the Company and he has reviewed and approved the scientific and technical information contained in this AIF.

Currency

Unless otherwise noted, all dollar amounts in this AIF are expressed in United States dollars. References to “\$” or “US\$” in this AIF are to United States dollars and references to CAD\$ are to Canadian dollars.

CORPORATE STRUCTURE

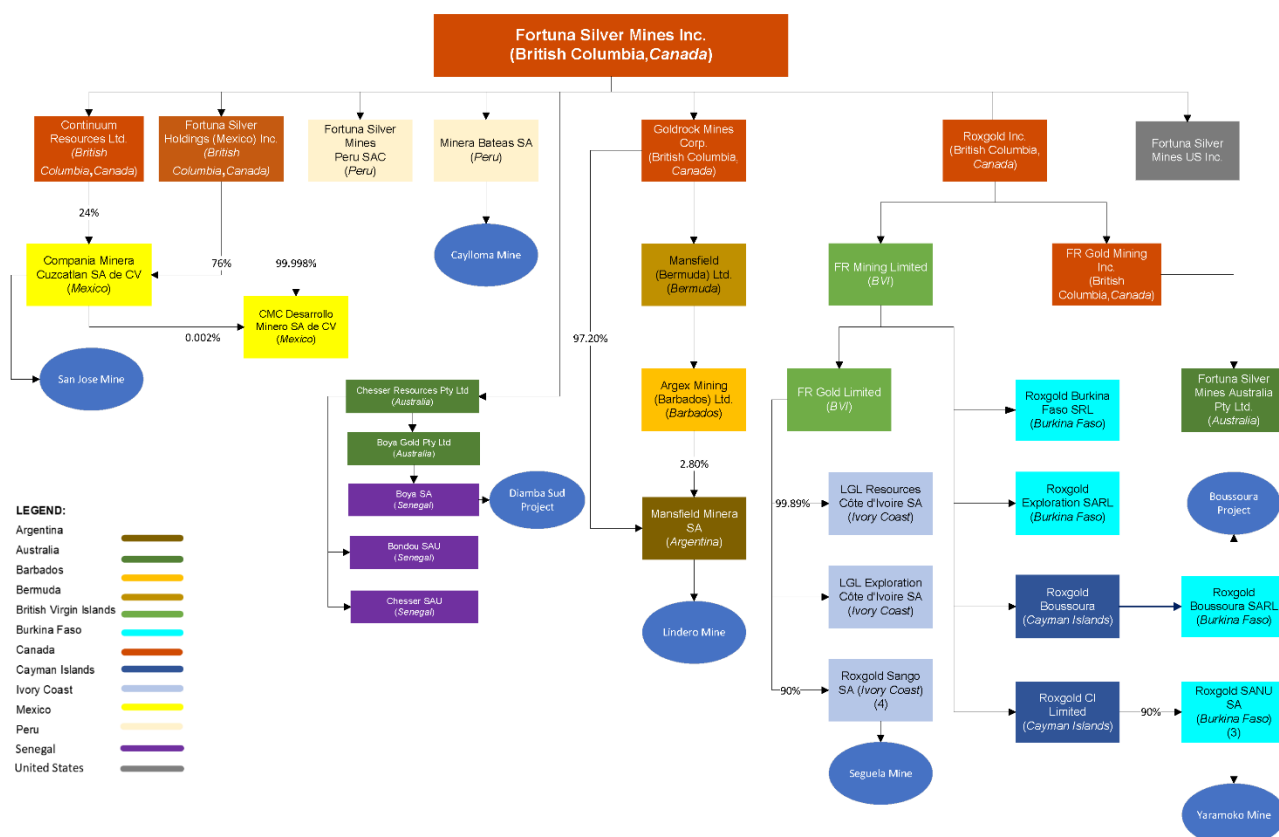
Name, Address and Incorporation

The Company was incorporated on September 4, 1990 pursuant to the Company Act (British Columbia) under the name Jopec Resources Ltd. and subsequently transitioned under the Business Corporations Act (British Columbia). On February 3, 1999, the Company changed its name to Fortuna Ventures Inc. and on June 28, 2005 to Fortuna Silver Mines Inc.

The management head office of the Company is located at Piso 5, Av. Jorge Chávez #154, Miraflores, Lima, Peru. The corporate head and registered office of the Company is located at 200 Burrard Street, Suite 650, Vancouver, BC V6C 3L6.

Intercorporate Relationships

The chart below illustrates the Company's intercorporate relationships with its subsidiaries including the name, jurisdiction of incorporation and the Company's respective percentage ownership of each subsidiary:



Notes:

1. In some jurisdictions where the Company operates, laws require that a company operating mineral properties must have more than one shareholder. For those jurisdictions, a nominal interest may be held by an individual or other affiliated entity and this may not be represented on the above chart.
2. All ownership of subsidiaries is 100% unless otherwise indicated.
3. 10% of the issued and outstanding shares of Roxgold Sanu S.A. are held by the State of Burkina Faso
4. 10% of the issued and outstanding shares of Roxgold Sango S.A. are held by the State of Côte d'Ivoire.

GENERAL DEVELOPMENT OF THE BUSINESS

Business of the Company

Fortuna is engaged in precious and base metals mining and related activities in Latin America and West Africa, including exploration, extraction, and processing. The Company's principal products are gold and silver, although it also produces and sells lead and zinc.

As at December 31, 2023, Fortuna:

- operates the underground San Jose silver and gold mine (the “**San Jose Mine**”) (100% ownership) in southern Mexico;
- operates the Lindero open pit gold mine (the “**Lindero Mine**”) (100% ownership) in northern Argentina;
- operates the Yaramoko open pit gold mine (the “**Yaramoko Mine**”) (90% ownership) in southwestern Burkina Faso;
- operates the underground Caylloma silver, lead and zinc mine (the “**Caylloma Mine**”) (100% ownership) in southern Peru, and
- operates the Séguéla open pit gold mine (the “**Séguéla Mine**”) (90% ownership) in northwestern Côte d’Ivoire.

The Company also has various Greenfields exploration properties at different stages of development in Côte d’Ivoire, Mexico, and Senegal.

Three-Year History and Recent Developments

Over the three most recently completed financial years, the significant events described below contributed to the development of the Company’s business.

2021 Developments

The Company reported full year production results for 2021 from its four operating mines: the San Jose Mine in Mexico, the Lindero Mine in Argentina, the Yaramoko Mine in Burkina Faso, and the Caylloma Mine in Peru. In 2021, the Company produced 207,192 ounces of gold (274% increase over 2020), 7,498,701 ounces of silver (5% increase over 2020), 32,989,973 pounds of lead (11% increase over 2020) and 47,549,301 pounds of zinc (4% increase 2020). Production results for each mine in 2021 compared to 2020 are as follows:

Yaramoko Mine: as a result of the Roxgold Acquisition completed in July 2021, the Company acquired the Yaramoko Mine. From July 2, 2021, the Company produced 57,538 ounces of gold with an average gold head grade of 7.13 g/t. Cash cost per ounce of gold sold¹ for the second semester of 2021 was \$739.

Lindero Mine: in 2021, the Company produced 104,161 ounces of gold, comprised of 99,313 ounces in doré, 730 ounces of gold contained in precipitate/sludge and 4,118 ounces of gold-in-carbon (GIC) inventory, an increase of 675% over the 13,435 ounces produced in 2020. Cash cost per ounce of gold sold² for the first full year of production in 2021 was \$617.

San Jose Mine: in 2021, the Company produced 6,425,029 ounces of silver, an increase over 2020 of 4%, and 39,406 ounces of gold, an increase over 2020 of 4%. Average head grades for silver and gold for the year were 209 g/t and 1.29 g/t, respectively, both a decrease of 7% over the respective head grades in 2020. Cash cost per tonne of processed ore³ for 2021 increased to \$75.80 compared to \$68.79 for 2020 due to higher mine preparation and support and higher indirect costs.

Caylloma Mine: in 2021, the Company produced 1,073,62 ounces of silver, an increase over 2020 of 11%. Annual average head grade for silver was 76 g/t. Base metal production at the Caylloma Mine in 2021 totaled 33.0 million pounds of lead, an increase of 11% over 2020, and 47.5 million pounds of zinc, an increase of 4% over 2020. Average head grades for lead and zinc were 3.16% and 4.56%, respectively, for the year. Gold production for 2021 totaled 6,086 ounces, an increase of 48% over 2020, with an average head grade of 0.49 g/t. Cash cost

¹ Cash cost per ounce of gold sold is a non-IFRS measure. Refer to “*Notice Regarding Non-IFRS Measures*” section above.

² Refer to footnote 1, above.

³ Cash cost per tonne of processed ore is a non-IFRS measure. Refer to “*Notice Regarding Non-IFRS Measures*” section above.

per tonne of processed ore⁴ for the full year 2021 increased to \$88.41 compared to \$77.19 for 2020 due to higher mine preparation and support and higher indirect costs related to administration and energy.

On February 8, 2021, the Company announced the resignation of Simon Ridgway as a director and Chairman of the Board. David Laing was appointed as an independent Chair of the board of directors of the Company (the “**Board**”).

On March 29, 2021, the Company announced the results from a successful 4,670 meters of step-out and infill drilling over 22 drill holes at the San Jose Mine which established continuity of high-grade mineralization in the upper levels of the Trinidad Footwall structures.

In 2009, SEMARNAT granted an EIA to Fortuna’s Mexican subsidiary, Compañía Minera Cuzcatlan (“**Minera Cuzcatlan**”), which authorized the construction, execution and maintenance of the San Jose Mine for a period of 12 years effective until October 23, 2021. In May 2021, Minera Cuzcatlan filed an application to extend the term of the EIA for an additional period of 10 years. On November 10, 2021 Minera Cuzcatlan received written notification from SEMARNAT that the application to extend the EIA had been denied. Minera Cuzcatlan appealed the decision of SEMARNAT and obtained the protection of the Mexican courts to continue to operate the San Jose Mine beyond the expiry date of the EIA. On December 20, 2021, the Company announced that SEMARNAT had granted a 12 year extension to the EIA at the San Jose Mine. On February 4, 2022, the Company announced that it had received a notice from SEMARNAT which advised that SEMARNAT had made a typographical error in the extension to the term of the EIA for the San Jose Mine and that the correct extension term is two years. Minera Cuzcatlan initiated legal proceedings to challenge and revoke the allegation of the typographical error and to reconfirm the 12 year extension granted by SEMARNAT in December 2021. The Mexican Federal Administrative Court admitted the Company’s legal proceedings and granted an injunction in favour of the Company, which suspended the reduction of the term of the EIA from 12 years to two years during the course of the legal proceedings. See “2022 Developments” and “2023 Developments” below for further updates on this matter.

On July 2, 2021, the Company completed its acquisition of all of the issued and outstanding common shares (“**Roxgold Shares**”) of Roxgold Inc. (“**Roxgold**”) by way of a court-approved plan of arrangement under the *Business Corporations Act* (British Columbia) pursuant to an arrangement agreement between the Company and Roxgold dated effective April 26, 2021 (the “**Arrangement Agreement**”). Under the terms of the Arrangement Agreement, holders of Roxgold Shares received 0.283 of a Common Share and CAD\$0.01 in cash for each Roxgold Share held. Upon completion of the Roxgold Acquisition, Fortuna issued an aggregate of 106,106,225 Common Shares and CAD\$374,934 in cash and Roxgold became a wholly-owned subsidiary of Fortuna. As a result of the Roxgold Acquisition, the Company acquired the producing Yaramoko mine in Burkina Faso, the Séguéla advanced gold project in Côte d’Ivoire and certain exploration projects in Burkina Faso and Côte d’Ivoire. See “Business of the Company”.

In connection with the Roxgold Acquisition, Kate Harcourt was appointed a director of the Company and a member of the Sustainability Committee of the Company (the “**Sustainability Committee**”) on July 2, 2021. Additionally, various changes in the Company’s executive officers were made during the second half of 2021 to reflect the expansion of the Company’s operations into West Africa.

On September 7, 2021, the Company announced continued high grade results from extension and scout drilling at the Séguéla Project in Côte d’Ivoire and the Boussoura project in Burkina Faso. Exploration activities at the Séguéla Project included a 7,115 meter step-out drilling program at the Koula deposit; a 1,774 meter 11 hole program at the Sunbird prospect and a 2,070 meter 11 hole program at the Gabbro North prospect. Exploration activities at the Boussoura project included a 5,958 meter 47 hole program at the Fofora Main prospect and a 3,419 meter 12 hole program at the Galgouli prospect.

On September 29, 2021, the Company announced the decision to proceed with the construction of an open pit mine at the Séguéla Project in Côte d’Ivoire with long lead items procured and development teams established on the ground. The updated Séguéla Project budgeted total capital investment is \$173.5 million. The anticipated construction schedule is approximately 20 months, with ramp-up to design capacity expected in the third quarter of 2023.

⁴ Refer to footnote 3.

On October 7, 2021, the Company and the Mexican Geological Service (“SGM”) entered into a settlement agreement related to a disputed royalty on one of the mining concessions at the San Jose mine in Mexico. Pursuant to the settlement agreement, the Company paid to the SGM the amount of \$9.6 million plus value added tax to end any prior dispute and agreed to pay to the SGM a three percent royalty on the billing value of minerals obtained from the concession from May 1, 2021 on an ongoing basis. The terms of the royalty are set out in a royalty agreement between the parties dated March 18, 2022. The remaining terms of the settlement are confidential, and the Company has not admitted any liability.

In November 2021, the Company entered into a fourth amended and restated credit agreement (the “**2021 Credit Facility**”) with a syndicate of banks led by BNP Paribas, and including the Bank of Nova Scotia, Bank of Montreal and Societe Generale which converted the Company’s non-revolving and revolving facility into a revolving credit facility and increased the amount of the facility from \$120 million to \$200 million, subject to certain terms and conditions. The 2021 Credit Facility has a term of four years maturing in November 2025 and steps down to \$150 million after three years. Interest initially accrued on LIBOR loans under the 2021 Credit Facility at LIBOR plus an applicable margin (now SOFR loans plus an applicable margin) of between two and three percent, which varied according to the consolidated leverage levels of the Company. The Company’s principal operating subsidiaries in Mexico, Peru, Côte d’Ivoire and Burkina Faso, and their respective direct and indirect holding companies, have pledged all of their respective assets to secure their respective guarantees of such payment, including the shares of the Company’s principal operating subsidiaries in Mexico and Peru. The Company’s principal operating subsidiary in Burkina Faso has pledged its bank accounts to secure the obligations under its guarantee and the holding companies of the Company’s principal operating subsidiaries in Burkina Faso and Côte d’Ivoire and Burkina Faso have pledged the shares of those principal operating subsidiaries to secure the obligations under their guarantees. The 2021 Credit Facility was amended in 2022. See “2022 Developments” below for further details.

On December 9, 2021, the Company announced results from the exploration programs at the Séguéla Project, the San Jose Mine, the Arizaro project in Argentina, and the Caylloma Mine.

In 2021, the Company made significant progress on the development of its corporate climate change strategy. It conducted gap assessments to analyze how its then climate change practices compared to climate change best practices and the practices of its peers in the areas of governance, strategy, risk management, metrics and targets, and reporting and disclosure. The Company developed a multi-year climate change strategy implementation roadmap which focuses on addressing gaps between our existing practices and climate change best practices. A key milestone on this roadmap was to disclose a credible and achievable GHG emissions reduction target, supported by clear reduction pathways.

2022 Developments

The Company reported full year production results for 2022 from its four operating mines: the San Jose Mine in Mexico, the Lindero Mine in Argentina, the Yaramoko Mine in Burkina Faso, and the Caylloma Mine in Peru. In 2022, the Company produced 259,427 ounces of gold (25% increase over 2021), 6,907,275 ounces of silver (8% decrease over 2021), 34,588,324 pounds of lead (5% increase over 2021) and 46,175,821 pounds of zinc (3% decrease over 2021). Production results for each mine in 2022 compared to 2021 are as follows:

Yaramoko Mine: in 2022, the Company produced 106,108 ounces of gold achieving the mid-point of the annual guidance range. The average gold head grade for the year was 6.37 g/t in line with the planned estimate for the year. Cash cost per ounce of gold sold⁵ for 2022 was \$840 compared to \$739 from the date of acquisition on July 2, 2021 to December 31, 2021, primarily due to higher mining service costs related to inflation and variation in orebody sequence.

Lindero Mine: in 2022, the Company produced 118,418 ounces of gold, comprised of 116,191 ounces in doré and 2,227 ounces of gold-in-carbon (GIC), an increase of 14% over the 104,161 ounces produced in 2021. Cash

⁵ Refer to footnote 1.

cost per ounce of gold sold⁶ for 2022 increased to \$740 compared to \$617 in 2021, due to higher operating costs primarily due to inflation and lower stripping capitalization.

San Jose Mine: in 2022, the Company produced 5,762,562 ounces of silver, a decrease over 2021 of 10%, and 34,124 ounces of gold, a decrease over 2021 of 13%. Average head grades for silver and gold for the year were 191 g/t and 1.14 g/t, respectively, a decrease of 9% and 12% over the respective head grades in 2021. Cash cost per tonne of processed ore⁷ for 2022 increased to \$81.33 compared to \$75.80 for 2021, due to higher mine preparation, support and indirect costs.

Caylloma Mine: in 2022, the Company produced 1,144,713 ounces of silver, an increase over 2021 of 7%. Average head silver head grade was 80 g/t, an increase over 2021 of 5%. Base metal production at the Caylloma Mine in 2022 totaled 46.2 million pounds of zinc and 34.6 million pounds of lead, both exceeding the upper range of annual guidance. Average head grades for zinc and lead were 4.32% and 3.27%, respectively, for the year. Cash cost per tonne of processed ore⁸ for 2022 increased to \$92.96 compared to \$88.41 in 2021 mainly due to higher mine costs caused by inflation.

One of the Company's main focuses for 2022 was the construction of the mine at Séguéla. Construction at the Séguéla Project advanced during 2022 in accordance with the project timeline and budget, despite worldwide supply chain challenges. The Séguéla Project was 29% complete at the end of 2021 and by the end of January 2023 it was approximately 90% complete.

On February 4, 2022, the Company announced that Minera Cuzcatlan had received a notice from SEMARNAT which advised that SEMARNAT had made a typographical error in the extension to the term of the EIA for the San Jose Mine and that the correct extension term is two years. Minera Cuzcatlan initiated legal proceedings to challenge and revoke the allegation of the typographical error and to reconfirm the 12 year extension granted by SEMARNAT in December 2021. The Mexican Federal Administrative Court admitted Minera Cuzcatlan's legal proceedings and granted an injunction in favour of the Company, which suspended the reduction of the term of the EIA from 12 years to two years during the course of the legal proceedings. On November 7, 2022, the Company received notice that the Mexican Federal Administrative Court had issued a judgment in favour of the Company, which re-confirmed that the extension of the term of the EIA for the San Jose Mine is for a period of 12 years. See "2023 Developments" below for further updates on this matter.

On March 15, 2022, the Company announced a maiden inferred mineral resource estimate for the Sunbird discovery located at the Séguéla Project. It was estimated that the Sunbird deposit contains an inferred mineral resource of 3.4 million tonnes at an average grade of 3.16 g/t gold containing 350,000 gold ounces. The inferred mineral resource does not materially change the existing mineral resource estimate at Séguéla.

On May 2, 2022, the Company initiated a share repurchase program to purchase up to five percent of its issued and outstanding Common Shares, expiring on the earlier of May 1, 2023 and the date on which Fortuna has acquired the maximum number of Common Shares allowable under the Normal Course Issuer Bid ("**NCIB**") or the date on which Fortuna otherwise decides not to make any further repurchases under the NCIB. From the commencement of the share repurchase program to December 31, 2022, in accordance with the Company's NCIB, the Company repurchased an aggregate of 2,201,404 common shares at a weighted average price of \$2.69 per share via open market purchases through the facilities of the New York Stock Exchange ("**NYSE**") for a total repurchase value of approximately \$5.9 million, all of which shares were subsequently returned to treasury and cancelled. No share repurchases under the NCIB were made in 2023. See "General Development of the Business - 2024 Recent Developments" regarding share repurchases made in 2024 under the NCIB. The Company will continue to evaluate further share purchases with respect to this program when it believes the share price undervalues the Company and based on cash requirements.

⁶ Refer to footnote 1.

⁷ Refer to footnote 3.

⁸ Refer to footnote 3.

Effective June 27, 2022, the Board approved the appointment of Ms. Salma Seetaroo as an additional director of the Company. Ms. Seetaroo brings her skills and experience in commodities, financing, investment banking, and project development in West Africa. She has spent the last 17 years working on debt, equity, and special situations investments in Africa as an investment banker.

On August 17, 2022, the Company announced the voluntary resignation of Paul Criddle from the position of Chief Operating Officer – West Africa effective September 30, 2022. David Whittle, formerly the Vice-President Operations – West Africa, assumed the role of Chief Operating Officer – West Africa effective October 1, 2022.

On December 5, 2022, the Company announced that additional exploration drilling at the Sunbird deposit has resulted in an upgraded mineral resource estimate, including a maiden indicated mineral resource of 3.2 million tonnes at an average grade of 2.66 g/t gold containing 279,000 ounces and an inferred mineral resource of 4.2 million tonnes at an average grade of 3.73 g/t gold containing 506,000 ounces. The indicated mineral resource and increased inferred mineral resource do not materially change the existing mineral resource estimate at Séguéla.

On December 15, 2022, the Company announced that it had entered into an amendment to the 2021 Credit Facility which increased the maximum facility amount by US\$50 million to US\$250 million. The maturity date of the 2021 Credit Facility remained unchanged and matures in November 2025. The 2021 Credit Facility was further amended in 2023. See “2023 Developments” below for further details.

Key amendments to the 2021 Credit Facility include:

- Addition of an uncommitted US\$50 million accordion option which can increase the aggregate principal amount under the credit facility to US\$300 million, exercisable on or after June 1, 2023 and before October 2024;
- An increase in the step-down level of the facility from US\$150 million to US\$175 million in November 2024;
- Potential annual extensions of both the maturity date and the step-down date
- Replacement of discontinued LIBOR based interest rates by secured overnight financing rate based rates published by the Federal Reserve Bank of New York and the inclusion of market standard benchmark interest rate replacement provisions; and
- 25 basis points increase in the benchmark loan interest rate margins and 9 to 12 basis points increase in the commitment fee rate; the actual margin and rate will be determined based on the Company’s net senior secured leverage ratio.

In April 2022, the Company disclosed its commitments towards the reduction of GHG emissions and the transition to a lower carbon economy under a formal Climate Change Position Statement. In addition, the Company:

- included climate change into its Enterprise Risk Management system and the mapping of its climate risks; and
- launched a study to define the Company’s GHG baseline and reduction opportunities as well as a decarbonization roadmap and targets.

2023 Developments

Construction of the Séguéla Mine was completed in mid-2023, on time and on budget, and its first gold pour took place on May 24, 2023, making it the Company’s fifth operating mine. The mine produced 78,617 ounces of gold in 2023 which was in accordance with the production guidance for 2023.

The Company reported full year production results for 2023 from its five operating mines: the Séguéla Mine in Côte d’Ivoire, the Yaramoko Mine in Burkina Faso, the Lindero Mine in Argentina, the San Jose Mine in Mexico, and the Caylloma Mine in Peru. In 2023, the Company produced 326,638 ounces of gold (26% increase over 2022), 5,883,691 ounces of silver (15% decrease over 2022), 40,851,657 pounds of lead (18% increase over 2022) and 55,060,450 pounds of zinc (19% decrease over 2022).

Production results for each mine in 2023 compared to 2022 are as follows:

Séguéla Mine, Côte d'Ivoire

Exceeded annual production guidance by 5%; operated 20% above nameplate capacity

In 2023, the Séguéla Mine produced 78,617 ounces of gold, since its first gold pour in May 2023. The average gold head grade for the year was 3.42 g/t. Cash cost per ounce of gold sold⁹ for 2023 was \$357.

Yaramoko Mine, Burkina Faso

Strong performance, achieved higher end of annual production guidance

In 2023, the Company produced 117,711 ounces of gold, achieving the higher end of annual production guidance and an 11% increase over the 106,108 ounces produced in 2022. The average gold head grade for the year was 6.81 g/t, a 7% increase over 2022. Cash cost per ounce of gold sold¹⁰ decreased in 2023 to \$809 compared to \$840 in 2022, primarily due to increased production and lower mining costs during the year.

Lindero Mine, Argentina

Achieved midpoint of annual production guidance

In 2023, the Lindero Mine produced 101,238 ounces of gold, comprised of 94,905 ounces in doré bars, 6,015 ounces in gold contained in fine carbon, and 319 ounces contained in copper concentrate, a 15% decrease over the 118,418 ounces produced in 2022. Cash cost per ounce of gold sold¹¹ for 2023 increased to \$920 compared to \$739 in 2022, due to lower processed gold grades in accordance with the mine plan.

San Jose Mine, Mexico

Illegal blockade and operational challenges led to shortfall in annual production guidance

In 2023, the San Jose Mine produced 4,656,631 ounces of silver, a 19% decrease over 2022, and 28,559 ounces of gold, a 16% decrease over 2022. Average head grades for silver and gold for the year were 171 g/t and 1.06 g/t, respectively, a decrease of 10% and 7% over the respective head grades in 2022. Cash cost per tonne of processed ore¹² for 2023 increased to \$98.98 compared to \$81.33 for 2022, mainly influenced by the appreciation of the Mexican Peso and 10% lower tonnes processed.

Caylloma Mine

Outperformer, exceeded annual production guidance for all metals

In 2023, the Caylloma Mine produced 1,227,060 ounces of silver, a 7% increase over 2022. Average head silver head grade was 85 g/t, a 6% increase over 2022. Base metal production at the Caylloma Mine in 2023 totaled 55,060,450 pounds of zinc and 40,851,657 pounds of lead, both exceeding the upper range of annual guidance. Average head grades for zinc and lead were 5.11% and 3.74%, respectively, for the year, an increase of 18% and 14% over the respective head grades in 2022. Cash cost per tonne of processed ore¹³ for 2023 increased to \$100.40 compared to \$92.96 in 2022 mainly due to higher capital costs.

On January 5, 2023, the Company announced that Minera Cuzcatlan had received notice of a resolution (the “**SEMARNAT Resolution**”) issued by SEMARNAT which provides that SEMARNAT has annulled and is re-assessing the 12 year extension to the EIA for the San Jose Mine that it granted to Minera Cuzcatlan in December 2021.

⁹ Refer to footnote 1.

¹⁰ Refer to footnote 1.

¹¹ Refer to footnote 1.

¹² Refer to footnote 3.

¹³ Refer to footnote 3.

Management of the Company believed that the SEMARNAT Resolution was unfounded and had no merits. Accordingly, Minera Cuzcatlan initiated legal proceedings (the “**Mexican Legal Proceedings**”) in the Mexican Federal Administrative Court (the “**Court**”) to contest and revoke the annulment of the San Jose EIA. The Court admitted the Mexican Legal Proceedings, and on March 14, 2023, the Company announced that Court granted a permanent injunction which allows the San Jose Mine to continue to operate under the terms of the 12-year EIA until the determination of the Mexican Legal Proceedings.

On October 30, 2023, the Company announced that the Court had ruled in favour of Minera Cuzcatlan and reinstated the 12-year EIA for the San Jose Mine. The decision of the Court has been appealed and was admitted by the Mexican Collegiate Court (the “**Appeals Court**”) in January 2024. Minera Cuzcatlan filed a response with the Appeals Court in February 2024. A decision of the Appeals Court is expected within the next six to 12 months. The permanent injunction previously granted to Minera Cuzcatlan remains in effect.

See “Risk Factors – The Company is subject to extensive government regulations and permit requirements”. Until the determination of the Mexican Legal Proceedings, the Company has agreed with its lenders to certain temporary restrictions under the 2021 Credit Facility. See “Risk Factors – Temporary restrictions on the 2021 Credit Facility”.

In August 2023, the Company published (refer to Fortuna news release dated August 8, 2023) an update on exploration activities at the Yaramoko Mine. The Company had completed a drilling program of 29 holes for a total of 7,011 meters, testing the strike and vertical extent of high grade extensions to the Zone 55 mineralization to the west, and limited strike extent testing to the lower east levels of the underground operation.

Zone 55 drilling highlights:

- YRM-22-GCDD-184: 9.6 g/t Au over an estimated true width of 5.5 meters from 254.10 meters
- YRM-23-GCDD-203: 32.8 g/t Au over an estimated true width of 3.1 meters from 287.90 meters
- YRM-23-GCDD-205: 13.2 g/t Au over an estimated true width of 4.6 meters from 302.28 meters
- YRM-23-GCDD-224: 8.9 g/t Au over an estimated true width of 8.2 meters from 120.95 meters
- YRM-23-GCDD-227: 8.8 g/t Au over an estimated true width of 8.6 meters from 140.10 meters

Drilling to the west intersected new high grade mineralization beyond the boundary of the 2022 Mineral Resource at Yaramoko, with recent mine development extending approximately 130 meters beyond the previous design. Drilling continued in the second half of 2023 to test the depth potential.

Step-out drilling to the east and at depth also continued to identify the Zone 55 mineralized structure beyond the limits of the 2022 Mineral Resource boundary, with results including drill hole GCDD-224 returning 8.9 g/t Au over a true width of 8.2 meters. Drilling continued in the second half of 2023.

In September 2023, the Company expanded its presence in West Africa with the acquisition (the “**Chesser Acquisition**”) of all of the issued and outstanding common shares (“**Chesser Shares**”) of Chesser Resources Limited (“**Chesser**”) by way of a court-approved scheme of arrangement pursuant to the Australian *Corporations Act 2001*. Under the terms of the Chesser Acquisition, holders of Chesser Shares received 0.0248 of a common share of Fortuna for each Chesser Share held. Upon completion of the Chesser Acquisition, Fortuna issued an aggregate of 15,545,368 common shares of Fortuna and Chesser became a wholly-owned subsidiary of Fortuna. As a result of the Chesser Acquisition, the Company acquired the preliminary economic assessment stage Diamba Sud Gold Project (“**Diamba Sud Project**”) in Senegal, one of the new and emerging gold discoveries in the region. See “Non-Material Mineral Properties” herein.

In December 2023, the 2021 Credit Facility was further amended to include additional security to the lenders in the form of guarantees and share pledges from the Company’s subsidiaries which indirectly own the Diamba Sud Project in Senegal, acquired pursuant to the Chesser Acquisition. These guarantees are in addition to the guarantees already provided by Fortuna’s operating subsidiaries in Burkina Faso, Côte d’Ivoire, Mexico and Peru.

In 2023, the Company’s main climate-related focus was to conduct the required analysis on energy consumption and GHG emissions to enable the Company to set a GHG emissions reduction target. In addition, the Company conducted

an initial climate-related scenario analysis to enhance its understanding of its exposure to climate-related risks and opportunities and the resilience of its business strategy. The results of this analysis are to be included in the Company's first Climate Change Report which is anticipated to be published in the second quarter of 2024.

2024 Recent Developments

On February 8, 2024, the Company announced its target to reduce Scope 1 and Scope 2 GHG emissions by 15% in 2030 compared to "business as usual" forecast GHG emissions if no intervention measures were taken. See "Sustainability Governance – Climate Change" below for further details.

On March 11, 2024, the Company announced the results of its exploration programs at the Séguéla Mine. Following on the Barana, Bador and Kestrel discoveries made during 2022 and 2023, the Company has completed a 2,040-meter, 20-hole program at the newly discovered Kingfisher prospect identifying three lodes along a 1.9-kilometer strike, all of which remain open along strike and at depth. Results include drill hole SGRC1762 intersecting 2.9 g/t Au over an estimated true width of 19.6 meters from 106 meters downhole, and drill hole SGRC1763 intersecting 2.9 g/t Au over an estimated true width of 16.1 meters from 136 meters downhole.

The Kingfisher prospect is hosted in a set of quartz veins along a moderately sheared contact between a series of basalt-dolerite units which also hosts the Boulder and Agouti deposits, one and three kilometers, respectively, to the north, with a steep easterly dip consistent with the majority of other deposits at Séguéla. Additional drilling at Kingfisher is scheduled in the second quarter of 2024 to further test its strike and depth potential.

The Company completed a 3,106-meter, 12-hole program at the Koula deposit in December 2023. As part of the support for potential underground mining, the program was designed to infill and further improve the understanding of the structural controls on the central and hanging wall high-grade lodes. Results such as 22.5 g/t Au over an estimated true width of 9.8 meters from 208 meters downhole, including 68.0 g/t Au over an estimated true width of 2.1 meters from 215 meters downhole in drillhole SGRD1783, highlight the potential of Koula. Drilling continues to expand Koula's underground potential and the further delineation of the hanging wall lodes. Please refer to the Company's news release dated March 11, 2024 for full details of the Séguéla drill holes and assay results.

Subsequent to December 31, 2023 and up to March 22, 2024, in accordance with the Company's NCIB the Company repurchased an aggregate of 790,589 Common Shares at a weighted average price of \$3.40 per share via open market purchases through the facilities of the NYSE for a total repurchase value of approximately \$2.69 million, all of which shares were or will be returned to treasury and cancelled.

Outlook for 2024

2024 Production and Cost Guidance

The Company's production and cost guidance for 2024 is set out below.

Mine	Silver (Moz)	Gold (koz)	Lead (Mlbs)	Zinc (Mlbs)	Cash Cost ^{1,2,3,5}	AISC ^{1,2,3,5}
Silver					(\$/oz Ag Eq)	(\$/oz Ag Eq)
San Jose, Mexico	3.1 - 3.6	19 - 23	-	-	20.3 - 22.3	22.8 - 24.0
Caylloma, Peru	0.9 - 1.1	-	29 - 34	36 - 39	12.7 - 14.0	18.0 - 21.0
Gold					(\$/oz Au)	(\$/oz Au)
Lindero, Argentina ⁴	-	93 - 105	-	-	850 - 950	1,730 - 1,950
Yaramoko, Burkina Faso	-	105 - 119	-	-	865 - 965	1,220 - 1,320
Séguéla, Côte d'Ivoire	-	126 - 138	-	-	630 - 730	1,110 - 1,230
Consolidated Total	4.0 - 4.7	343 - 385	29 - 34	36 - 39	\$935 - 1,055⁶	\$1,485 - 1,640⁶

Notes:

1. Cash Cost and AISC are non-IFRS financial measures which are not standardized financial measures under the financial reporting framework used to prepare the financial statements of the Company and might not be comparable to similar financial measures disclosed by other issuers. Refer to the note under "Non-IFRS Financial Measures" below.

2. Cash cost includes production cash cost and for Lindero, is net of copper by-product credit. AISC includes sustaining capital expenditures, worker's participation (as applicable) commercial and government royalties mining tax, export duties (as applicable), subsidiary G&A and Brownfields exploration and is estimated at metal prices of \$1,800/oz Au, \$22/oz Ag, \$2,000/t Pb, and \$2,500/t Zn. AISC excludes government mining royalty recognized as income tax within the scope of IAS-12.
3. Silver equivalent is calculated at metal prices of \$1,800/oz Au, \$22/oz Ag, \$2,000/t Pb and \$2,500/t Zn.
4. The cost guidance for the Lindero Mine does not take into account potential changes by the new Argentine Government to national macroeconomic policies, the taxation system and import and export duties which, if implemented, may have a material impact on costs.
5. Historical non-IFRS measure cost comparatives: The following table provides the historical cash costs and historical AISC for the Company's four mines which were operating during the year ended December 31, 2022, as follows:

Mine	Cash Cost ^{a,b,c}	AISC ^{a,b,c}
Silver	(\$/oz Ag Eq)	(\$/oz Ag Eq)
San Jose, Mexico	10.56	15.11
Caylloma, Peru	12.34	17.97
Gold	(\$/oz Au)	(\$/oz Au)
Lindero, Argentina	740	1,142
Yaramoko, Burkina Faso	840	1,529

- (a) Cash cost and AISC are non-IFRS financial measures; refer to "Notice Regarding Non-IFRS Financial Measures" section above.
 - (b) Silver equivalent was calculated at metal prices of \$1,802/oz Au, \$21.75/oz Ag, \$2,161/t Pb and \$3,468/t Zn for the year ended December 31, 2022.
 - (c) Further details on the cash costs and AISC for the year ended December 31, 2022 are disclosed on pages 38, 40, and 41 (with respect to cash costs) and pages 39 and 42 (with respect to AISC) of the Company's management discussion and analysis for the year ended December 31, 2022 dated as of March 15, 2023 ("2022 MD&A") which is available under Fortuna's SEDAR+ profile at www.sedarplus.ca, and the note under "Non-IFRS Financial Measures" below.
6. 2024 cash cost and consolidated AISC guidance:

Cash Cost Guidance	2024 Guidance (\$/oz Au Eq)		
Lindero	850	-	950
San Jose	1,775	-	1,965
Caylloma	1,045	-	1,150
Yaramoko	865	-	965
Séguéla	630	-	730
Consolidated cash cost	\$935	-	\$1,055

AISC Guidance	2024 Guidance (\$/oz Au Eq)		
Lindero	1,730	-	1,950
San Jose	1,915	-	2,020
Caylloma	1,475	-	1,720
Yaramoko	1,220	-	1,320
Séguéla	1,110	-	1,230
Corporate G&A		65	
Consolidated AISC	\$1,485	-	\$1,640

Note:

(a) Cash cost includes production cash cost and for Lindero, is net of copper by-product credit. AISC includes sustaining capital expenditures, worker's participation (as applicable) commercial and government royalties mining tax, export duties (as applicable), subsidiary G&A and Brownfields exploration and is estimated at metal prices of \$1,800/oz Au, \$22/oz Ag, \$2,000/t Pb, and \$2,500/t Zn. AISC excludes government mining royalty recognized as income tax within the scope of IAS-12.

Séguéla Mine, Côte d'Ivoire – production guidance for 2024

Mill throughput expanded to 1.46 Mta, achieving 70% of mill expansion scheduled for 2026

The 2024 Séguéla mine plan considers mining in the Antenna, Ancien, and Koula pits, with plans to process 1.46 million tonnes of ore averaging 3.0 g/t Au, and capital investments estimated at \$39.8 million, including \$32 million for sustaining capital expenditures and \$7.8 million for Brownfields exploration programs.

Feasibility and optimization work is underway to realize the opportunity to incorporate underground mineable resources at the Sunbird, Ancien, and Koula deposits.

Major sustaining capital investments include:

- | | |
|--|----------------|
| • Capitalized stripping | \$17.1 million |
| • Tailings storage facility (TSF) lift | \$4.8 million |
| • Other miscellaneous | \$10.1 million |

Capitalized stripping at Séguéla corresponds to further mining of the Antenna pit and development and mining of the Ancien and Koula pits. The overall stripping ratio for 2024 is planned to be 8.2:1. AISC for 2024 reflects the ongoing TSF expansion project, which will add tailings holding capacity for the next two years and is expected to be completed in the first half of 2024.

In 2024, annual ore processing is expanded to 1.46 million tonnes, 17 percent above tonnage originally estimated and scheduled in 2021 for year 1, and close to the expansion target of 1.57 million tonnes originally estimated and scheduled in 2021 for year 3. Process plant de-bottlenecking initiatives in 2024 still present upside opportunities for throughput capacity.

Cash cost and AISC:

- The Company expects a 2024 cash cost between \$630 and \$730 per ounce of gold¹⁴, an increase of approximately 113 percent over 2023 at the upper range, and 84 percent at the lower range of guidance. The increase is mainly due to the mine's stripping ratio rising from 3.7:1 to 8.2:1, in accordance with the mine plan. In addition, higher costs are anticipated for processing, which include milling, energy consumption, freight, transportation, and overheads.
- The Company expects a 2024 AISC between \$1,110 and \$1,230 per ounce of gold¹⁵, an increase of approximately 54 percent over 2023 at the upper range, and 39 percent at the lower range of guidance. The increase is explained by higher cash cost per ounce and higher capex per ounce of approximately \$120 related to capitalized stripping costs.

Yaramoko Mine, Burkina Faso – production guidance for 2024
Grade and tonnages benefit from exploration success in 2023

At the Yaramoko Mine, the Company plans to process 435,000 tonnes of ore averaging 8.3 g/t Au. Capital investment decreases substantially compared to previous years and in 2024 mainly comprises of development and exploration activities.

Major sustaining capital investment projects include:

- | | |
|---------------------------|----------------|
| • Mine development | \$13.9 million |
| • Brownfields exploration | \$6.1 million |

Cash cost and AISC:

- The Company expects a 2024 cash cost between \$865 and \$965 per ounce of gold¹⁶, an increase of approximately 29 percent over 2023 at the upper range, and 16 percent at the lower range of guidance. The increase is due primarily to the reallocation of fixed mining costs from capex to opex and lower processed ore.
- The Company expects a 2024 AISC between \$1,220 and \$1,320 per ounce of gold¹⁷, a decrease of approximately 7 percent under 2023 at the upper range, and 14 percent at the lower range of guidance. The decrease is explained by lower capex year over year of approximately \$250 per ounce of gold.

14 Refer to footnote 1.

15 AISC per ounce of gold is a non-IFRS measure. Refer to “Notice Regarding Non-IFRS Measures” section above.

16 Refer to footnote 1.

17 Refer to footnote 15.

Lindero Mine, Argentina – production guidance for 2024*Sustaining capital intensive year, including a one-time leach pad expansion of \$41.7 million*

The Lindero Mine is expected to place 6.6 million tonnes of ore on the leach pad averaging 0.62 g/t Au, containing an estimated 131,000 ounces of gold. Capital investments are estimated at \$64.0 million, including \$51.5 million in capital projects, and \$12.5 million in capitalized stripping costs.

Major sustaining capital investments include:

- | | |
|--|----------------|
| • Capitalized stripping | \$12.5 million |
| • Leach pad phase II expansion | \$41.7 million |
| • Heavy equipment replacement and overhaul | \$6.6 million |
| • Plant critical spare parts | \$3.2 million |

Cash cost and AISC:

- The Company expects a 2024 cash cost between \$850 and \$950 per ounce of gold¹⁸, mostly in line with 2023.
- The Company expects a 2024 AISC between \$1,730 and \$1,950 per ounce of gold¹⁹, an increase of approximately 22 percent over 2023 at the upper range, and 9 percent at the lower range of guidance. 2024 is a particularly capital intensive year for Lindero, including a one-time leach pad phase II expansion project which is planned to be completed in the second half of 2024, with a capital estimate of \$41.7 million.

While the Lindero Mine continues delivering on cost savings from operational efficiency programs, the economics of Lindero are exposed to potential significant impacts in changes to macro-economic and taxation policies, derived from emergency announcements made by the newly elected national Government in its attempt to eliminate the national fiscal deficit. Cash cost per ounce does not include any potential changes to the Argentine taxation regime on imports and export duties, as these are still being discussed by the Government and Congress. However, if passed as advertised, these represent additional risks to higher cash cost per ounce and AISC estimates.

San Jose Mine, Mexico – production guidance for 2024*Cost increments lead to exhaustion of reserves by year end 2024*

At the San Jose Mine, the Company plans to process 0.90 million tonnes of ore averaging 142 g/t Ag and 0.9 g/t Au. Silver and gold production reflect the declining grade profile of the tail end of the Mineral Reserves.

The updated mine plan for 2024 is scheduled to exhaust Mineral Reserves by the end of 2024, compared to mid-2025 as previously planned. Over the past 12 months, the operation has experienced significant cost increments, of which the main drivers are:

- Mexican Peso appreciation; representing approximately 35 percent of cost increment.
- Higher contractor costs for transportation, distribution, shotcrete, maintenance, and mining services; representing approximately 16 percent of cost increment.
- Higher labor costs and new labor reform mandates, which took effect on January 1, 2024; representing approximately 21 percent of cost increment.
- Change from owner's mining fleet to contractor for mine development; representing approximately 6 percent of cost increment.
- Higher costs in fuel, energy, materials, and consumables related to 2023 inflation; representing approximately 5 percent of cost increment.

As a result of the cost increments described above, the mine plan has been reduced by approximately six months, leading to an anticipated closure in late 2024 from the previous estimation of closure in mid-2025, which is subject to further review and consideration upon the exhaustion of Mineral Reserves and an updated mine closure plan. The

¹⁸ Refer to footnote 1.

¹⁹ Refer to footnote 15.

Company has assigned a dedicated team to review and update a multiyear progressive mine closure and monitoring plan with a current budget of approximately \$27 million, which will begin its implementation during 2024. Multiple considerations are being included such as closure-related technical studies and designs, remediation of affected areas, decommissioning and removal of infrastructure, landform reshaping, revegetation, and value-added activities for the communities associated with progressive closure, repurposing, and where appropriate, long-term monitoring and maintenance, whilst adhering to strict compliance with mine closure governmental regulations and high international standards.

The Company is engaged in an intensive exploration program to delineate the newly discovered Yessi vein.

Cash cost and AISC:

- The Company expects a 2024 cash cost between \$20.3 and \$22.3 per ounce of silver equivalent²⁰, an increase of approximately 70 percent over 2023 at the upper range, and 54 percent at the lower range of guidance. The increase is mainly explained by lower production related to the grade profile as per the remaining life of mine plan, and the impact of higher projected operational expenditures, reflecting incremental costs throughout 2023. In addition, cash cost includes remaining lateral and vertical development and infill drilling required to complete final stoping and mining, as well as mining equipment overhauling, totaling \$10.7 million.
- The Company expects a 2024 AISC between \$22.8 and \$24.0 per ounce of silver equivalent²¹, an increase of approximately 31 percent over 2023 at the upper range, and 24 percent at the lower range of guidance. The increase is mainly explained by lower volume and higher cash cost, partially offset by no capital expenditures in 2024.

Caylloma Mine, Peru – production guidance for 2024
Consistent performer

At the Caylloma Mine, the Company plans to process 0.5 million tonnes of ore averaging 78 g/t Ag, 3.12 % Pb, and 4.20 % Zn. Capital investments are estimated at \$21.0 million, including \$19.0 million for sustaining capital expenditures and \$2.0 million for Brownfields exploration programs.

Sustaining capital investments include:

- | | |
|---|---------------|
| • Mine development | \$5.1 million |
| • Caylloma Mine substation power grid enhancement | \$2.9 million |
| • Plant power sub-station, phase II | \$1.4 million |
| • New paste backfill system | \$4.7 million |
| • Operating permits and GISTM(as defined below) | \$1.2 million |
| • Maintenance | \$3.7 million |

Cash cost and AISC:

- The Company expects a 2024 cash cost between \$12.7 and \$14.0 per ounce of silver equivalent²², a decrease of approximately 6 percent under 2023 at the upper range, and 14 percent at the lower range of guidance. The decrease is mainly due to lower treatment and refining charges in 2024.
- The Company expects a 2024 AISC between \$18.0 and \$21.0 per ounce of silver equivalent²³, in line with 2023 at the upper range, and a decrease of 14 percent at the lower range of guidance. The decrease is explained mainly by lower cash costs and slightly lower capital expenditures.

20 Cash cost per ounce of silver is a non-IFRS measure. Refer to “Notice Regarding Non-IFRS Measures” section above.

21 AISC per ounce of silver is a non-IFRS measure. Refer to “Notice Regarding Non-IFRS Measures” section above.

22 Refer to footnote 20.

23 Refer to footnote 21.

2024 Exploration Outlook

Fortuna continues to advance its robust pipeline of Brownfields and Greenfields exploration projects in West Africa and the Americas, building on the success of the exploration programs carried out in 2023.

Brownfields Exploration

Fortuna's consolidated Brownfields exploration budget for 2024 for its five mines and the Diamba Sud Project totals \$30.8 million, which includes 192,500 meters of reverse circulation, diamond core, and air core exploration drilling.

Séguéla Mine, Côte d'Ivoire

The Brownfields exploration program budget for 2024 at Séguéla is \$7.8 million, which includes 41,750 meters of exploration drilling, focused on testing and extending underground targets associated with the Sunbird, Ancien, and Koula deposits, as well as advancing emerging deposits such as Barana, Badior, Kestral, and the newly discovered Kingfisher prospect, and continuing to explore for additional prospects.

Yaramoko Mine, Burkina Faso

The Brownfields exploration program budget for 2024 at Yaramoko is \$6.1 million, which includes 41,450 meters of exploration drilling, with underground drilling testing western and depth extensions to the Zone 55 deposit, surface drilling testing several anomalies along the Boni Shear, Bagassi South surface extensions, and other surface targets.

San Jose Mine, Mexico

The Brownfields exploration program budget for 2024 at San Jose is \$4.9 million, which includes 13,900 meters of diamond drilling, focused on testing and extending the Yessi vein as well as exploring additional targets within the mine area.

Caylloma Mine, Peru

The Brownfields exploration program budget for 2024 at Caylloma is \$2.0 million, supporting field exploration, regional geophysics, and ongoing studies of the structural controls to mineralization on the Animas vein.

Diamba Sud Project, Senegal

The Brownfields exploration program budget for 2024 at the Diamba Sud Project is \$9.9 million, which includes 42,700 meters of drilling, including extension and resource development, in addition to the testing and advancement of previously identified geochemistry anomalies. Additional geochemical and geophysical surveys at Diamba Sud will be conducted in support of advancing the project.

Subject to the successful completion of this exploration program, the Company plans to prepare a Mineral Resource estimate in accordance with the disclosure requirements of NI 43-101. The program is expected to finish by the end of August 2024 with the updated evaluation planned for completion by the end of 2024.

Greenfields Exploration

Greenfields exploration will continue in Mexico, Argentina, Senegal, and Côte d'Ivoire advancing generative programs across several projects supported by a budget of \$7.5 million, including continuing active corporate development.

Updated Mineral Reserve and Mineral Resource Estimates

A summary of the current Mineral Reserve and Mineral Resource estimates for the Company's five mines and the Arizaro Project, Argentina as at December 31, 2023 is as follows:

Highlights of Mineral Reserve and Mineral Resource Update

- Consolidated Proven and Probable Mineral Reserves are reported containing 3.1 Moz Au Eq²⁴ representing a year-over-year decrease of 11 percent.
- Consolidated Measured and Indicated Resources exclusive of Mineral Reserves are reported containing 1.1 Moz Au Eq²⁵ representing a year-over-year decrease of 19 percent.
- Consolidated Inferred Mineral Resources are reported containing 1.7 Moz Au Eq²⁶ representing a year-over-year decrease of 22 percent.
- Primary drivers for changes in Mineral Reserves and Mineral Resources are production related depletion in 2023 of 452 koz Au Eq²⁷ and the application of higher cut-off values as a result of increased operational costs.

2023 Mineral Reserves and Mineral Resources

Mineral Reserves – Proven and Probable								Contained Metal	
Property	Classification	Tonnes (000)	Ag (g/t)	Au (g/t)	Pb (%)	Zn (%)		Ag (Moz)	Au (koz)
Silver Mines	Caylloma, Peru	Proven	20	261	0.94	2.23	2.62	0.2	1
		Probable	2,269	81	0.13	2.79	4.06	5.9	9
		Proven + Probable	2,288	83	0.13	2.78	4.04	6.1	10
	San Jose, Mexico	Proven	37	172	1.23	N/A	N/A	0.2	2
		Probable	695	155	0.97	N/A	N/A	3.5	22
		Proven + Probable	733	156	0.98	N/A	N/A	3.7	23
	Total	Proven + Probable	3,021	101	0.34	N/A	N/A	9.8	33
Gold Mines	Lindero, Argentina	Proven	24,295	N/A	0.60	N/A	N/A	0.0	468
		Probable	47,210	N/A	0.54	N/A	N/A	0.0	816
		Proven + Probable	71,505	N/A	0.56	N/A	N/A	0.0	1,284
	Yaramoko, Burkina Faso	Proven	21	N/A	5.44	N/A	N/A	0.0	4
		Probable	842	N/A	7.96	N/A	N/A	0.0	216
		Proven + Probable	863	N/A	7.90	N/A	N/A	0.0	219
	Séguéla, Côte d'Ivoire	Proven	436	N/A	2.06	N/A	N/A	0.0	29
		Probable	11,327	N/A	3.09	N/A	N/A	0.0	1,125
		Proven + Probable	11,763	N/A	3.05	N/A	N/A	0.0	1,154
	Total	Proven + Probable	84,131	N/A	0.98	N/A	N/A	0.0	2,658
Total	Proven + Probable							9.8	2,691

24 Gold equivalent is a non-IFRS measure and is calculated using metal prices of \$1,600/oz for Au, \$21/oz for Ag, \$2,000/t for Pb, and \$2,600/t for Zn. Refer to "Notice Regarding Non-IFRS Measures" section above.

25 Refer to footnote 24.

26 Refer to footnote 24.

27 Refer to footnote 24.

Mineral Resources – Measured and Indicated								Contained Metal	
Property	Classification	Tonnes (000)	Ag (g/t)	Au (g/t)	Pb (%)	Zn (%)		Ag (Moz)	Au (koz)
Silver Mines	Caylloma, Peru	Measured	524	98	0.30	2.09	3.16	1.6	5
		Indicated	1,262	82	0.21	1.47	2.54	3.3	9
		Measured + Indicated	1,786	87	0.24	1.65	2.72	5.0	14
	San Jose, Mexico	Measured	45	141	1.09	N/A	N/A	0.2	2
		Indicated	1,001	148	1.11	N/A	N/A	4.7	35
		Measured + Indicated	1,046	147	1.11	N/A	N/A	5.0	37
	Total	Measured + Indicated	2,832	109	0.56	N/A	N/A	9.9	51
Gold Mines	Lindero, Argentina	Measured	1,981	N/A	0.48	N/A	N/A	0.0	30
		Indicated	28,482	N/A	0.42	N/A	N/A	0.0	382
		Measured + Indicated	30,464	N/A	0.42	N/A	N/A	0.0	412
	Yaramoko, Burkina Faso	Measured	18	N/A	4.33	N/A	N/A	0.0	2
		Indicated	452	N/A	2.82	N/A	N/A	0.0	41
		Measured + Indicated	469	N/A	2.87	N/A	N/A	0.0	43
	Séguéla, Côte d'Ivoire	Measured	0	N/A	-	N/A	N/A	0.0	0
		Indicated	4,659	N/A	2.54	N/A	N/A	0.0	381
		Measured + Indicated	4,659	N/A	2.54	N/A	N/A	0.0	381
	Total	Measured + Indicated	35,592	N/A	0.73	N/A	N/A	0.0	837
Total	Measured + Indicated							9.9	888

Mineral Resources – Inferred								Contained Metal	
Property	Classification	Tonnes (000)	Ag (g/t)	Au (g/t)	Pb (%)	Zn (%)		Ag (Moz)	Au (koz)
Silver Mines	Caylloma, Peru	Inferred	4,505	99	0.43	2.43	3.70	14.4	63
	San Jose, Mexico	Inferred	1,029	147	1.04	N/A	N/A	4.9	35
	Total	Inferred	5,534	108	0.55	N/A	N/A	19.3	97
Gold Mines	Lindero, Argentina	Inferred	25,325	N/A	0.47	N/A	N/A	0.0	386
	Yaramoko, Burkina Faso	Inferred	159	N/A	3.52	N/A	N/A	0.0	18
	Séguéla, Côte d'Ivoire	Inferred	3,059	N/A	2.50	N/A	N/A	0.0	245
	Total	Inferred	28,543	N/A	0.71	N/A	N/A	0.0	649
Gold Project	Arizaro, Argentina	Inferred	24,131	N/A	0.40	N/A	N/A	0.0	310
Total	Inferred							19.3	1,056

Notes:

1. Mineral Reserves and Mineral Resources are as defined by the 2014 CIM Definition Standards for Mineral Resources and Mineral Reserves.
2. Mineral Resources are exclusive of Mineral Reserves.
3. Mineral Resources that are not Mineral Reserves do not have demonstrated economic viability.
4. Factors that could materially affect the reported Mineral Resources or Mineral Reserves include changes in metal price and exchange rate assumptions; changes in local interpretations of mineralization; changes to assumed metallurgical recoveries, mining dilution and recovery; and assumptions as to the continued ability to access the site, retain mineral and surface rights titles, maintain environmental and other regulatory permits, and maintain the social license to operate.
5. Mineral Resources and Mineral Reserves are reported as of December 31, 2023.
6. Mineral Reserves for the Caylloma Mine are reported above NSR breakeven cut-off values based on underground mining methods including: mechanized (breasting) that represents 91 % of Mineral Reserves planned for mining at \$89.78/t, mechanized (uppers) at \$79.70/t, semi-mechanized at \$93.27/t, sub-level stoping at \$88.81/t, and a conventional method at \$170/t; using assumed metal prices of \$21/oz Ag, \$1,600/oz Au, \$2,000/t Pb, and \$2,600/t Zn; metallurgical recovery rates of 82 or 85 % for Ag, 22 or 55 % for Au, 87 or 89 % for Pb and 89 % for Zn. Mining, processing, and administrative costs used to determine NSR cut-off values were estimated based on actual operating costs incurred from July 2022 through June 2023. Mining recovery is estimated to average 94 % with average mining dilution of 17 % depending on the mining methodology. Mineral Resources are reported at an NSR cut-off grade of \$75/t for veins classified as wide (Animas, Animas NE, Nancy, and San Cristobal) and \$135/t for veins classified as narrow (all other veins) based on the same parameters used for Mineral Reserves, and a 15 % upside in metal prices.
7. Mineral Reserves for the San Jose Mine are based on underground mining within optimized stope designs using an estimated NSR break-even cut-off grade of \$96.54/t to \$85.02/t equivalent to 154 to 132 g/t Ag Eq based on assumed metal prices of \$23.90/oz Ag and \$1,880/oz Au; estimated metallurgical recovery rates of 91 % for Ag and 90 % for Au and mining costs of

\$49.83/t (C&F) - \$38.31/t (SLS); processing costs of \$20.79/t; and other costs including distribution, general service costs of \$25.92/t based on actual operating costs. Average mining recovery is estimated to 94 % (C&F) and 92 % (SLS) and average mining dilution 10 % (C&F) and 14 % (SLS). Mineral Resources are reported at a 130 g/t Ag Eq cut-off grade based on the same parameters used for Mineral Reserves.

8. Mineral Reserves for the Lindero Mine are reported based on open pit mining within a designed pit shell based on variable gold cut-off grades and gold recoveries by metallurgical type: Met type 1 cut-off 0.28 g/t Au, recovery 75.4 %; Met type 2 cut-off 0.27 g/t Au, recovery 78.2 %; Met type 3 cut-off 0.27 g/t Au, recovery 78.5 %; and Met type 4 cut-off 0.31 g/t Au, recovery 68.5 %. Mining recovery and mining dilution have been accounted for during block regularization to 10-meter x 10-meter x 8-meter size. The cut-off grades and pit designs are considered appropriate for long term gold prices of \$1,600/oz, estimated base mining costs of \$1.36 per tonne of material, total processing and G&A costs of \$9.78 per tonne of ore, and refinery costs net of pay factor of \$12.20 per ounce gold. Reported Proven Reserves include 8.3 Mt averaging 0.44 g/t Au of stockpiled material. Mineral Resources are reported within a conceptual pit shell above a 0.24 g/t Au cut-off grade based on the same parameters used for Mineral Reserves and a 15 % upside in metal prices. Mineral Resources for Arizaro are reported within a conceptual pit shell above a 0.26 g/t Au cut-off grade using the same gold price and costs as Lindero with an additional \$0.52 per tonne of ore to account for haulage costs between the deposit and plant. A slope angle of 47° was used for defining the pit.
9. Mineral Reserves for the Yaramoko Mine are reported on a 100 % ownership basis at a cut-off grade of 1.57 g/t Au for the Zone 55 open pit, 0.86 g/t Au for the Zone 109 open pit, 4.5 g/t Au for Zone 55 underground, 3.8 g/t Au for Bagassi South QV Prime and Bagassi South underground based on an assumed gold price of \$1,600/oz, metallurgical recovery rates of 96.8 %, underground mining costs of \$154/t, processing cost of \$28/t and G&A costs of \$27/t, surface mining costs of \$4.95/t, processing cost of \$27/t, and G&A costs of \$33/t. Underground average mining recovery is estimated at 90 % for Bagassi South QV Prime and Bagassi South underground, 93 % for Zone 55 SLS stopes, and 86 % for sill drift stopes. A mining dilution factor of 10 % has been applied for sill drift stopes, 0.7-meter and 0.4-meter dilution skin has been applied for sub-level stopes and shrinkage mining respectively. Surface mining recovery and mining dilution have been accounted for during block regularization to 5-meter x 5-meter x 5-meter size within an optimized pit shell and only Proven and Probable categories reported within the final pit designs. Yaramoko Mineral Resources are reported at a gold grade cut-off grade of 0.9 g/t Au for the Zone 55 open pit, 0.5 g/t Au for the Zone 109 open pit, and 2.7 g/t Au and 2.5 g/t Au for underground Zone 55 and Bagassi South respectively, based on an assumed gold price of \$1,840/oz and the same costs, metallurgical recovery and constrained within an optimized pit shell. The Yaramoko Mine is subject to a 10 % carried interest held by the State of Burkina Faso.
10. Mineral Reserves for the Séguéla Mine are reported on a 100 % ownership basis at an incremental gold grade cut-off of 0.65 g/t Au for Antenna, 0.72 g/t Au for Agouti, 0.69 g/t Au for Boulder, 0.66 g/t Au for Koula, 0.73 g/t Au for Ancien, and 0.66 g/t Au for Sunbird deposits based on a gold price of \$1,600/ounce, metallurgical recovery rates of 94.5 %, surface mining costs of \$3.12/t, processing cost of \$15.42/t and G&A cost of \$8.83/t, and only Proven and Probable categories reported within the final pit designs. The Mineral Reserves pit designs were completed based on overall slope angle recommendations of between 37° and 57° for Antenna, Koula, and Agouti deposits from oxide to fresh weathering profiles, between 34° and 56° for Ancien deposit from oxide to fresh weathering profiles, 37° and 60° for Boulder deposit from oxide to fresh weathering profiles and 37° and 58° for Sunbird deposit from oxide to fresh weathering profiles. The Mineral Reserves are reported with modifying factors of mining dilution and mining recovery represented by regularizing the block models to an appropriate selective mining unit block size. Mineral Resources for Séguéla are reported at a cut-off grade of 0.55 g/t Au for Antenna, 0.55 g/t Au for Sunbird, 0.60 g/t Au for Koula and Boulder, and 0.65 g/t Au for Ancien and Agouti deposits, based on an assumed gold price of \$1,840/oz and constrained within preliminary pit shells. The Séguéla Mine is subject to a 10 % carried interest held by the State of Côte d'Ivoire.
11. Eric Chapman, P. Geo. (EGBC #36328), is the Qualified Person responsible for Mineral Resources; Raul Espinoza (FAUSIMM (CP) #309581) is the Qualified Person responsible for Mineral Reserves; both being employees of Fortuna Silver Mines Inc.
12. N/A = Not applicable.
13. Totals may not add due to rounding.

Caylloma Mine, Peru

As of December 31, 2023, the Caylloma Mine has Proven and Probable Mineral Reserves of 2.3 Mt containing 6.1 Moz Ag, 10 koz Au, 64 kt Pb, and 93 kt Zn in addition to Inferred Resources of 4.5 Mt containing 14.4 Moz Ag, 63 koz Au, 110 kt Pb, and 162 kt Zn.

Year-over-year, Mineral Reserve tonnes decreased by 28 percent, while silver grade increased 2 percent to 83 g/t, lead grade increased 5 percent to 2.78 %, and zinc grade increased 4 percent to 4.04 %. Changes are due to mining related depletion of 544,000 tonnes, a decrease by 51,000 tonnes due to higher cut-off values related to increases in operating costs, a decrease of 188,000 tonnes as a result of changes in commercial terms and metal price, a decrease of 218,000 tonnes due to adjustments in the estimation parameters and geologic interpretation, and conversion of 23,000 tonnes of Inferred Resources to Mineral Reserves.

Measured and Indicated Resource tonnes, exclusive of Mineral Reserves, decreased by 37 percent year-over-year to 1.8 Mt with silver and lead grades increasing slightly by 9 and 1 percent, respectively, and zinc grades decreasing by 12 percent, due to an increase in cut-off value as a result of higher operating costs and the application of operational dilution based on mineable shape optimizer evaluation to remove isolated and narrow mineralized structures from the inventory.

Inferred Resource tonnes decreased by 10 percent year-over-year. Silver grades decreased 6 percent, whereas lead and zinc grades increased by 9 and 8 percent, respectively. The decrease in Inferred Mineral Resources is a result of an increase in cut-off values used for reporting Mineral Resources from \$65/t to \$75/t resulting in a decrease of 416,000 tonnes and adjustments in the geologic interpretation, changes in commercial terms, and sterilization of material associated with isolated or narrow mineralization resulting in a decrease of 929,000 tonnes, offset by the discovery of 900,000 tonnes through exploration drilling of the Animas and Animas NE veins.

The Brownfields exploration program budget for 2024 at Caylloma is \$2.0 million, supporting field exploration, regional geophysics, and ongoing studies of the structural controls to mineralization on the Animas vein (refer to Fortuna news release dated January 18, 2024).

San Jose Mine, Mexico

As of December 31, 2023, the San Jose Mine has Proven and Probable Mineral Reserves of 0.7 Mt containing 3.7 Moz Ag and 23 koz Au, in addition to Inferred Resources of 1.0 Mt containing a further 4.9 Moz Ag and 35 koz Au.

Year-over-year, Mineral Reserves decreased 66 percent in terms of tonnes, while silver grade decreased 9 percent and gold grade decreased 16 percent after net changes of minus 1 Mt resulting from production-related depletion, and a further decrease of 0.4 Mt due to the application of higher cut-off grades as a result of significant cost increments related to the appreciation of the Mexican Peso, higher contractor costs for transportation, distribution, shotcrete, maintenance, and mining services, higher labor costs and new labor reform mandates, change from owner's mining fleet to contractor fleet for mine development, and higher costs in fuel, energy, materials, and consumables related to 2023 inflation.

Measured and Indicated Resource tonnes exclusive of Mineral Reserves increased by 15 percent year-over-year, while silver and gold grades increased 35 and 54 percent, respectively. The change is due to an increase in cut-off grade from 110 g/t to 130 g/t Ag Eq due to cost increases as detailed above combined with the upgrading of Inferred Resources to Indicated Resources in the Victoria mineralized zone. An evaluation is ongoing as to whether sufficient tonnage at a high enough grade is located in localized areas of the Victoria mineralized zone to cover development and infrastructure costs allowing conversion of Inferred Resources to Mineral Reserves and inclusion in the mine plan.

Year-over-year, Inferred Resources decreased 59 percent in terms of tonnes, with grades increasing for silver and gold by 25 percent. The net variation is due primarily to the increase in cut-off grade used for reporting, as described above, the upgrading of Inferred Resources to Indicated Resources through infill drilling of the Victoria mineralized zone and changes in the geologic interpretation and removal of isolated mineralization through the application of a mineable stope optimizer.

The Brownfields exploration program budget for 2024 at San Jose is \$4.9 million, which includes 13,900 meters of diamond drilling, focused on testing and extending the Yessi vein as well as exploring additional targets within the mine area (refer to Fortuna news release dated January 18, 2024).

Lindero Mine, Argentina

As of December 31, 2023, the Lindero Mine has Proven and Probable Mineral Reserves of 71.5 Mt containing 1.3 Moz Au, in addition to Measured and Indicated Resources, exclusive of Mineral Reserves, of 30.5 Mt containing 412 koz Au, and Inferred Resources of 25.3 Mt containing 386 koz Au.

Since December 31, 2022, Mineral Reserve tonnes decreased by 10 percent, while gold grade remained relatively unchanged at 0.56 g/t Au. Changes are primarily due to mining related depletion and sterilization of 6.5 Mt of material containing 122 koz Au delivered to the heap leach pad in 2023 and an increase in the reporting cut-off grade due to higher operating costs resulting in a decrease of 2.3 Mt containing 21 koz Au.

Measured and Indicated Resource gold ounces, exclusive of Mineral Reserves, remained relatively unchanged year-over-year.

Inferred Resource tonnes increased by 1.1 Mt or 5 percent, to 25.3 Mt since December 31, 2022 with the gold grade remaining unchanged at 0.47 g/t. The slight increase in Inferred Resources is due to minor adjustments in the optimization of the pit shell.

Yaramoko Mine, Burkina Faso

As of December 31, 2023, the Yaramoko Mine has Proven and Probable Mineral Reserves of 0.9 Mt containing 219 koz Au, in addition to Measured and Indicated Resources, exclusive of Mineral Reserves, of 0.5 Mt containing 43 koz Au, and Inferred Resources of 0.16 Mt containing 18 koz Au.

Year over year, Mineral Reserve tonnes decreased 26 percent, while gold grades increased 34 percent to 7.90 g/t Au. The changes are due to mining related depletion in 2023 of 0.5 Mt of material containing 118 koz Au offset by successful underground exploration and delineation drilling of the Zone 55 and Bagassi South QV Prime veins that, after the application of modifying factors, resulted in an increase of 0.3 Mt containing 124 koz Au of new Probable Reserves.

Measured and Indicated Resource gold ounces, exclusive of Mineral Reserves, decreased by 46 koz and Inferred Resources by 7 koz as a result of the application of updated cut-off grades and operational dilution based on mineable stope optimizer evaluation to remove isolated non-economic mineralization.

The Brownfields exploration program budget for 2024 at Yaramoko is \$6.1 million, which includes 41,450 meters of exploration drilling, with underground drilling testing western and depth extensions to the Zone 55 deposit, surface drilling testing several anomalies along the Boni Shear, Bagassi South surface extensions, and other surface targets (refer to Fortuna news release dated January 18, 2024).

Séguéla Mine, Côte d'Ivoire

As of December 31, 2023, the Séguéla Mine has Proven and Probable Mineral Reserves of 11.8 Mt containing 1.2 Moz Au, in addition to Indicated Resources of 4.7 Mt containing 381 koz Au and Inferred Resources of 3.1 Mt containing 245 koz Au.

Since December 31, 2022, Mineral Reserve tonnes decreased by 3 percent, while gold grade increased by 9 percent to 3.05 g/t Au. Changes are primarily due to mining related depletion of 0.8 Mt of material containing 79 koz Au since operations commenced in May 2023, an increase in the reporting cut-off grade due to higher processing and service costs resulting in a decrease of 1.6 Mt containing 53 koz Au offset by the reclassification of 2.1 Mt containing 206 koz from Indicated Resources to Probable Reserves related to delineation drilling and definition of the updated pit shell at the Sunbird deposit.

Measured and Indicated Resource gold ounces, exclusive of Mineral Reserves, decreased 34 percent, by 142 koz, year-over-year, in relation to the reclassification of the Sunbird deposit open pit resources from Indicated Resources to Probable Reserves and a reduction in pit size based on updated contractor costs and geologic interpretation, a decrease of 339 koz Au. This reduction was offset by the inclusion of underground Indicated Resources for the Koula, Ancien and Sunbird deposits totaling 233 koz Au. The application of higher cut-off grades in relation to an increase in processing and service costs accounted for a further decrease of 36 koz Au.

Inferred Resources decreased 2.6 Mt or 365 koz Au in relation to the reduction in the size of the Sunbird pit shell due to the results of the infill drilling and increased costs as described above resulting in a decrease of 203 koz, and

upgrading to Indicated Resources of underground mineralization, previously planned for open pit mining of 233 koz Au. These decreases were offset by the inclusion of underground Inferred Resources for the Koula, Ancien and Sunbird deposits totaling 98 koz Au. Adjustments to the estimation parameters and pit optimization for the other deposits resulted in a further decrease of 27 koz Au.

The Brownfields exploration program budget for 2024 at Séguéla is \$7.8 million, which includes 41,750 meters of exploration drilling, focused on testing and extending underground targets associated with the Sunbird, Ancien, and Koula deposits, as well as advancing emerging prospects such as Barana, Badior, and Kestral, and continuing to explore for additional prospects (refer to Fortuna news release dated January 18, 2024).

Arizaro Gold Project, Lindero Property, Argentina

As of December 31, 2023, the Arizaro Gold Project has Inferred Mineral Resources of 24.1 Mt averaging 0.40 g/t Au containing 310 koz Au, remaining relatively unchanged from last year other than minor adjustments in the pit shell. Mineralization remains open at depth and along the trend of the northeast to southwest striking porphyry.

DESCRIPTION OF THE BUSINESS

General

Summary. The Company is engaged in the mining of silver, gold and base metals and related activities in Latin America and West Africa, including exploration, extraction, and processing. The Company operates the San Jose Mine located in southern Mexico, the Lindero Mine located in northern Argentina, the Yaramoko Mine located in southwestern Burkina Faso, the Caylloma Mine located in southern Peru, and the Séguéla Mine located in northwestern Côte d'Ivoire. Each of the Company's producing mines is generally considered to be a reportable segment.

The Company's gold production at the Lindero, Yaramoko and Séguéla Mines is in the form of gold doré bars. It has entered into non-exclusive precious metals purchase agreements with Auramet International LLC, a precious metals merchant headquartered in New Jersey, USA and Stonex Commodities DMCC, a precious metals trader headquartered in Dubai, United Arab Emirates. Refining arrangements are provided by Metalor USA Refining Corporation and Metalor Technologies SA. Gold doré is delivered to refineries in Switzerland and the United States, and subsequently transferred to the accounts of the buyers.

The silver-lead, zinc, and silver-gold concentrates produced by the Company at its San Jose Mine and its Caylloma Mine are sold to international metals traders who in turn deliver the products to different clients around the world.

The material sources of revenue for 2023 and 2022 are as follows:

	<u>2023</u>	<u>2022</u>
Gold doré	69% ⁽¹⁾	60%
By type of concentrate:		
Silver-lead concentrate	7%	8%
Zinc concentrate	5%	7%
Silver-gold concentrate	19%	25%
By metal contained in concentrate:		
Silver	50%	50%
Lead	14%	11%
Zinc	16%	18%
Gold	20%	21%

Note:

1. Includes gold doré produced at the Séguéla Mine from May 24, 2023, being the date of the first gold pour at the mine.

Production Methods. The Séguéla Mine is an open pit operation with six deposits currently identified and scheduled for mining in the life of mine plan. Mining activities use conventional drill, blast, load, and haul mining methods. The mined ore is fed to a traditional gold processing facility where the ore is crushed, milled and subject to carbon-in-leach (“CIL”) extraction processes, prior to electrowinning and refining where gold is poured to doré bars.

The Yaramoko Mine complex is an underground project with feed ore from two underground portals at the 55 Zone and Bagassi South mines, where long hole open stoping and cemented rock backfill is the mining method. The mined ore is fed to a traditional gold processing facility where the ore is crushed, milled and subject to CIL extraction processes, prior to electrowinning and refining where gold is poured to doré bars.

The Lindero Mine is an open pit heap leach operation. Crushed ore is placed on a leach pad with the pregnant solution pumped to a sulphidization-acidification-recycle-thickening plant and an adsorption, desorption and recovery plant prior to electrowinning and refining where gold is poured to doré bars.

The method of production both at the Caylloma Mine and the San Jose Mine consists of underground mining principally through cut and fill and longhole stoping mechanized operations. Extracted ore is trucked to a conventional crushing, milling and flotation processing plant which consists of zinc, and lead-silver flotation circuits for the Caylloma Mine, and a gold-silver circuit for the San Jose Mine.

Research and Development. The Company conducts feasibility work and operational enhancement evaluations in order to improve production processes and exploration and mining operations. The Company does not, in the normal course of business, conduct research and development activities in relation to products or services.

Specialized Skill and Knowledge. All aspects of the Company’s business require specialized skills and knowledge. Such skills and knowledge include the areas of geology, mining, metallurgy, engineering, environment issues, permitting, social issues, and accounting. While competition in the resource mining industry can make it difficult to locate and retain competent employees in such fields, the Company has been successful in finding and retaining personnel for the majority of its key processes. Management considers training and re-training of its staff to be a priority.

Competitive Conditions. The exploration and mining of precious metals and base metals is competitive. Competition relates to: the acquisition of mineral property interests that can be explored, developed and operated; technical experts that can find, develop and mine such mineral properties and interests; workers to operate the mineral properties; and capital to finance, exploration, development and operations, and customers to purchase products.

The Company competes with other mining companies, some of which have greater financial resources and technical facilities, for the acquisition of mineral property interests, the recruitment and retention of qualified employees; and for investment capital with which to fund its projects, and in the sale of its products.

Cycles.

The mining business is subject to global economic cycles which affect the marketability of products derived from mining. In addition to commodity price cycles, business activity may also be affected by seasonal and irregular weather conditions in the areas where the Company has property interests.

Environmental Protection. The Company is required to reclaim certain lands it disturbs during mining operations and exploration and development activities. Significant reclamation and closure activities include land rehabilitation, decommissioning of buildings and mine facilities, and ongoing care and maintenance. During the financial year ended December 31, 2023, the Company’s environmental expenditures for reclamation were approximately \$1.2 million. After taking into account the application of asset retirement obligation rules for accounting purposes, the Company currently estimates the present value of the reclamation costs for its five operating mines to total approximately US\$65.8 million over the life of the mines, with the majority of the expenditures to be incurred at the end of production, as more particularly described in Note 16 to the 2023 Financial Statements. The Company is expecting to incur progressive reclamation costs throughout the life of its mines.

Employees. The Company and its subsidiaries had 2,490 direct employees and 2,695 indirect employees through contractors as at December 31, 2023.

Foreign Operations. The Company's material mineral resource properties are located in Argentina, Burkina Faso, Côte d'Ivoire, Mexico and Peru. Through the Company's history of successfully developing and operating mines in foreign jurisdictions, Fortuna has developed various corporate governance policies, practices and frameworks to manage the social, economic and political risks and challenges associated with operating in foreign jurisdictions. See "Risk Factors" section for a detailed description of such risks.

Members of the Board and senior officers of the Company periodically visit the Company's operations in Latin America and West Africa. In 2023, members of the Board travelled to Côte d'Ivoire and in January 2024 travelled to Argentina and Mexico. During these visits, members of the Board met with local employees, government officials and businesspersons; such interactions enhance the visiting directors' or officers' knowledge of local culture and business practices.

Additionally, in accordance with the Company's corporate governance practices, the Board regularly receives management and technical updates, risk assessment and progress reports in connection with the Company's operations, and in doing so, maintains effective oversight over its business and operations. For example, the Sustainability Committee meets at least quarterly and obtains such updates from management which is then reported by the Committee to the Board. Through these updates, assessments and reports, the Board gains familiarity with the conditions, laws and risks associated with the Company's foreign operations.

Sustainability Governance

Policies

The Company's business involves the exploration, design, development, operation and closure of mines that produce precious and base metals in Latin America and West Africa. Our vision is to be valued by our stakeholders as a sustainable company and a leader in the precious metals industry and our mission is to create sustainable value through growth of our mineral reserves, metals production and the efficient operation of our assets, while remaining firmly committed to safety, and to social and environmental responsibility. To do so, we value:

- the health and safety of our employees. We do not tolerate unsafe actions or conditions.
- the environment. We adhere to strict environmental standards and mitigate our impact.
- our communities. We show respect for cultural diversity, and work as a strategic partner to enable the sustainable development of our neighboring communities.
- a commitment to excellence. We achieve high standards and the best practices.
- integrity. We act in accordance with our philosophy.

The Company's objective is to generate sustainable prosperity through its business operations which means protecting the environment, providing a safe workplace for our employees and contractors, supporting the local communities in the areas in which the Company operates through education, employment, and infrastructure investment. The Company has built strong relationships with the stakeholders where it operates, in particular with local communities and institutions where we are dedicated to innovative, sustainable projects and partnerships that build trust in local communities while respecting their values, customs and traditions. The Company's operating practices are governed by the principles set out in its Code of Business Conduct and Ethics and Whistle-Blower Policy, which was adopted by the Board in order to promote integrity and honest and ethical conduct of the Company's business. It applies to all directors, officers, employees and consultants of the Company and its subsidiaries. In terms of Board oversight, a Sustainability Committee composed of members of the Board of Directors was created to assist in fulfilling the Board's oversight responsibilities related to health, safety, security, environmental, sustainable development and social responsibility obligations and corporate objectives.

As sustainability includes factors which affect all aspects of the Company's business, instead of isolating sustainability into a single, stand-alone policy, the Company created a Sustainability Framework that is integrated into its overall corporate strategy and which is supported through a range of corporate policies and standards. To support the

implementation of the Company's Sustainability Framework, we have developed policies and position statements listed below, relating to environmental, social and governance (ESG) related matters:

- Human Rights Policy
- Diversity, Equity and Inclusion Policy
- Board and Management Diversity Policy
- Anti-corruption Policy
- Health and Safety Policy
- Environmental Policy
- Employee Relations Policy
- Community Relations Policy
- Code of Business Code and Ethics and Whistle-blower Policy
- Supplier Code of Business Conduct and Ethics
- Climate Change Position Statement
- Global Industry Standard on Tailings Management Position Statement

All of the Company's corporate governance policies and position statements are reviewed on an annual basis. Copies of the Company's above mentioned ESG policies and position statements can be found on the Company's website. We provide awareness and/or training sessions to our workforce on our ESG policies to enhance their engagement in our sustainability objectives.

Sustainability Report

On July 2, 2023, the Company announced the publication of its fifth annual sustainability report, which details the Company's performance on key ESG indicators during 2022. The 2022 Sustainability Report highlights Fortuna's sustainability management and initiatives at each operating mine as well as our contributions within our host countries. The Report also includes a dedicated ESG data section containing disclosure under SASB Metals and Mining Industry Standard, Task Force on Climate-related Financial Disclosures (TCFD) Recommendations, and the Global Reporting Initiative (GRI) standard. The Company anticipates that it will publish its Sustainability Report for fiscal 2023 during the second quarter of 2024.

2023 ESG Performance

Environment

The Company is committed to ensuring that the highest possible standards of environmental management are followed in all areas of its business activities. Environment protection is one of Fortuna's core values and is a pillar of our Sustainability Framework. Our Environmental Policy aims to prevent, avoid, minimize, mitigate, and, when appropriate, offset our negative impacts on ecosystems, and to proactively manage environmental risks associated with our activities, with the primary goal of attaining zero harm.

All phases of the Company's operations are subject to environmental laws and regulations in the jurisdictions in which it operates, in addition to its own operational and corporate level policies and standards. These environmental regulations and internal policies and standards provide directives and guidelines to avoid and/or limit spills, releases and emission of various substances related to industrial mining operations that could result in environmental contamination.

The Company conducts regular environmental risk assessments and internal audits of its operations. The overall objective is to assess key environmental risks and their associated controls and to assess regulatory compliance. Environmental statistics are collected from each of our operations on a monthly and annual basis. To the best of management's knowledge, the Company is in compliance in all material respects with all environmental laws and regulations applicable to its exploration, development, construction and operating activities, including the renewal of environmental permits where applicable. Refer to the section "*Risk Factors*" below for additional information in respect of the financial and operational effects of such environmental laws and regulations on the Company, and for a discussion on the litigation related to the environmental impact authorization for the San Jose Mine.

In terms of performance, the Company's environmental management highlights for 2023 are:

- Zero significant environmental fines
- Zero tailings dam incidents
- Zero significant spills
- Yaramoko Mine achieved ISO 14001 certification of its environmental management system, and the San Jose and Caylloma Mines maintained the same certifications
- Energy use per ton of processed ore (GJ/t) was 0.22 GJ/t in 2023, the same intensity as in 2022
- GHG emissions intensity per thousand tonnes of processed ore in 2023 was 16.65 tons of carbon dioxide equivalent ("tCO₂eq") per kt which was 7.2% lower than the 17.94 tCO₂eq/kt in 2022
- Freshwater consumption intensity per ton of processed ore was 0.20 m³/t in 2023, which was 20% lower than the 0.25 m³/t in 2022

Tailings management

In 2022, the Company published its Global Industry Standard on Tailings Management ("**GISTM**") position statement, which articulates Fortuna's approach to tailings management along with its implementation commitments. Under the Company's tailings management approach, the Company commits to adopt GISTM and achieve compliance with applicable GISTM requirements for all new tailings storage facilities ("**TSFs**") during their first year of operation. The Company will continue to conduct the necessary studies to assess and fulfill GISTM applicable requirements for all existing TSFs owned and operated by the Company, in order to implement the standards and ensure compliance of all applicable requirements of GISTM for all company owned TSFs by 2027.

In 2023, the Company continued its implementation of its commitments under GISTM by implementing the following actions, among others:

- Finalized the implementation of its TSF Governance Standard and integration of the Standard into Fortuna's HSSEC Management Systems;
- Approved a TSF Technical Standard and in early 2024 developed a Water Management Standard to support GISTM compliance;
- Established and arranged meetings of the Independent Tailings Review Board (ITRB) to review and refine technologies, TSF design, risk management, and impact management for certain active TSFs;
- Initiated third-party Dam Safety Reviews (DSRs) for certain active TSFs;
- Created or reviewed key documents, such as TSF site characterization, Design Basis Report, and Deviance Accountability Report; and
- Updated Fortuna's Community Relations, Health and Safety and Environmental Policies.

Mine closure

The environmental permits under which the Company's mines operate require the reclamation of certain lands that it disturbs during mining operations. Reclamation and closure activities can be significant and include land rehabilitation, decommissioning of mine facilities, environmental monitoring and sometimes ongoing care and maintenance. Costs of mine closures and reclamation of mine sites vary considerably due to factors such as quantity of material to reclaim and land to rehabilitate, location, climate, environmental vulnerability, mining method, minerals being mined, waste characteristics, and labor costs. Closure cost estimates are reviewed regularly to reflect changing circumstances and adjusted according to inflation and work requirements. See "Description of the Business – Environmental Protection" above for further details.

Regulatory environmental requirements and best practices require the Company to establish mine closure plans and to review and update same periodically when required. There have been no significant changes in laws, regulations and governmental reclamation obligations in respect of the Company's five operating mines during the financial year ended December 31, 2023.

Climate Change

The Company recognizes that climate change is a major global challenge that could have significant impacts on operations, host communities, the resources used in production, the economy and society in general. Climate change is a systemic risk with the potential to affect our mine infrastructure and operations; the regulatory frameworks under which we operate; and the demand for the minerals we produce.

Since the disclosure of the Company's commitments towards the reduction of GHG emissions in April 2022, the Company has continued to advance the implementation of its corporate climate change strategy. Fortuna is committed to analyzing the risks and opportunities of climate change on its business activities, to integrating climate change factors into its long-term strategic planning and developing short-term tactical climate change action plans. Its approach to climate change management is guided by three key pillars, which align to the climate change factors that were identified as having the greatest potential to influence company value in the Climate Change Materiality Assessment conducted in 2021. These key pillars include:

- Reducing GHG emissions by promoting resource efficiency and increasing the use of renewable energy sources.
- Building resilience to the physical risks of climate change at our operations and projects.
- Continuously improving the performance of our governance and climate change action plans based on climate change science, regulatory and voluntary frameworks, and international standards.

In 2023, the Company's main climate-related focus was to conduct the required analysis on energy consumption and GHG emissions to enable the Company to set a GHG emissions reduction target. In addition, the Company conducted an initial climate-related scenario analysis to enhance its understanding of its exposure to climate-related risks and opportunities and the resilience of its business strategy. The results of this analysis are to be included in the Company's first Climate Change Report which is anticipated to be published in the second quarter of 2024.

On February 8, 2024, the Company announced its GHG emissions reduction target for 2030 and long-term objectives for 2050. The Company:

- has set a target to reduce Scope 1 and Scope 2 GHG emissions by 15 percent in 2030, compared to "business as usual" ("BAU") forecast GHG emissions in 2030 if no intervention measures were taken.
- is committed to supporting the global ambition of net-zero GHG emissions by 2050 through investing in technology, energy efficiency initiatives, and renewable energy over the long-term, where such investments are reliable, affordable, and competitive.

Based on an assessment of existing activities, Fortuna has determined that a significant portion of its current GHG emissions is attributable to the use of diesel to power its operations. Accordingly, Fortuna's biggest opportunities for reducing GHG emissions are related to electrification, and increased use of renewable energy.

Fortuna expects to achieve its GHG emissions reduction target through the implementation of the following projects:

Mine	Initiative	Outcome
Séguéla, Côte d'Ivoire	Provide renewable energy to the operation	- Construction and implementation of a solar power plant by 2025 - GHG emissions expected to decrease by approximately 3,700 tCO₂ per year over the 8-year LoM¹
Lindero, Argentina	Provide renewable energy to the operation	- Construction and implementation of a solar power plant by 2025 - GHG emissions expected to decrease by approximately 10,820 tCO₂ per year over the 11-year LoM
Caylloma, Peru	Provide low-carbon electricity to the operation	- In 2022, Caylloma switched to an energy supplier that provides electricity from 100 percent renewable energy sources - GHG emissions expected to decrease by ~ 8,860 tCO₂ per year over the 5-year LoM
Caylloma, Peru	Optimization of mine paste fill plant	- Construction and modernization of new paste fill plant will avoid use of truck haulage of tailings for plant feed - GHG emissions expected to decrease by ~ 420 tCO₂ per year over the 5-year LoM

Note:

1. LoM: Life of mine based on Mineral Reserves

Climate Change Mitigation Efforts

The Company has implemented a range of mitigation efforts, both company-wide and site-specific, in an effort to reduce exposure to climate-related risks and capture opportunities. These efforts include among others:

- Fortuna has set a company-wide GHG emissions reduction target (see above), with the objective to mitigate risks associated with climate-related transition risks.
- Fortuna has developed a company-wide climate change strategy, published a Climate Change Position Statement and continues to enhance the alignment of its climate change disclosure frameworks for reporting on climate change factors.
- Fortuna's mines produce silver, gold, lead and zinc, all metals used in daily life and in many industries that contribute to sustainable development. Demand for these metals is growing with an increasing global population and higher living standards. The Company seeks to satisfy this need through responsible mineral production. Fortuna is focused on improving the resource efficiency of its operations to reduce risks related to changing input prices of raw materials.
- Fortuna has implemented initiatives at its mine sites that are designed to enhance resiliency to the acute and chronic physical impacts of climate change.
- The Company aims to minimize its operational water consumption and make effective use of water in its processes. Water management systems have been developed at site level and the Company seeks to improve its water governance based on current industry practices.
- Fortuna is committed to the ongoing monitoring of evolving technology and other opportunities to improve the resource efficiency of operations and capitalizing on advances in renewable energy technologies. The Company will continue to focus on capturing climate-related opportunities where such solutions are proven to be reliable, affordable and competitive.

Social

Health and Safety

The Company is committed to ensuring the highest possible standards of health and safety management and to provide safe and healthy working conditions in all areas of our operations. We believe that work-related accidents, injuries and diseases are preventable. We do not tolerate unsafe acts or conditions. Occupational health and safety is one of Fortuna's core values and is a pillar of our Sustainability Framework. The Company's Health and Safety Policy aims to support the attainment of a safe, healthy working environment, as well as a zero harm workplace for our employees, contractors, and visitors, at all of our mining operations, exploration sites, and offices.

Health and safety statistics are collected from each of our operations on a monthly and annual basis. Targets for health and safety KPIs are set each year considering lagging and leading indicators, and are used in determining annual performance incentives as part of management's compensation for 2023, including the total recordable injury frequency rate ("**TRIFR**") and fatal incidents.

The Company's health and safety management performance highlights for 2023 are:

- Zero cases of work-related illnesses.
- TRIFR of 1.22 in 2023 which is a 47% reduction of the TRIFR of 2.67 in 2022. In 2023, an aggregate of 17 events were registered compared to 30 in 2022.
- The Company incurred five lost time injury incidents (using the Occupational Safety and Health Administration ("**OSHA**") definition) in 2023 which was the same as in 2022. The lost time incident frequency rate (LTIFR) was 0.36 in 2023 compared to 0.39 in 2022.
- Yaramoko Mine achieved ISO 45001 certification of its occupational health and safety management system, and the San Jose and Caylloma Mines maintained their certifications.
- The improvements in workplace safety achieved in 2023 were overshadowed by a fatality at the Caylloma Mine in June 2023. No other personnel were injured in the accident. Please refer to the Company's news release dated June 5, 2023 for details.

Based on past events, the safety programs have been optimized, taking into account the lessons learned from incident investigations. In particular, the Company has advanced the implementation of its Critical Risk Management program and developed a Contractor Management Standard to improve oversight and risk management of contractors on site. In addition, a risk-based leadership training program is being implemented company-wide to reinforce the health and safety culture of our organization.

The following statistics are for employees and contractors at the individual mine sites and on a consolidated basis. The terms set out below have the following meanings:

"**FI**" means fatal incidents

"**LTI**" means lost time injury

"**RWI**" means restricted work injury (Occupational Health and Safety Administration ("**OSHA**") definition)

"**MTI**" means medical treatment injury

"**TRI**" means total recordable injuries (FI+LTI+RWI+MTI)

"**TRIFR**" means total recordable frequency incident rate = (number of FI+LTI+RWI+MTI) x 1,000,000/ worked-hours

"**LTIFR**" means lost time incident frequency rate = (number of LTI x 1,000,000) / worked-hours

"**LTISR**" means lost time incident severity rate = (number of days lost x 1,000,000/ worked-hours)

	LTIFR³		TRIFR		LTISR³	
	2022	2023	2022	2023	2022	2023
Lindero Mine	0.50	0.51	3.03	1.53	94.32	83.39
San Jose Mine	0.74	0.77	3.68	2.68	56.98	21.85
Caylloma Mine	0.00	0.00	1.78	1.03	0.00	62.07
Yaramoko Mine	0.00	0.00	2.45	0.38	0.00	0.00
Séguéla Mine ¹	0.71	0.54	1.07	0.81	18.93	34.08
All mining operations ²	0.30	0.36	2.71	1.23	34.32	38.21
Consolidated⁴	0.39	0.36	2.32	1.22	30.60	37.78

Notes:

1. The information provided for the Séguéla Mine in 2023 is for the full year, including both the project and operational phases.
2. In 2022, Séguéla Mine was considered as a project, and was not included in the calculation of all mining operation safety performance. In 2023, the calculation includes the Company's five operating mines.
3. LTIFR and LTISR reporting is based on OSHA classification.
4. Includes all operations, offices and other activities.

Community relations

The Company is committed to ensuring the highest possible standards of social management in all areas of its business activities, in order to maintain its social license to operate and create value for its stakeholders. Community relations is one of Fortuna's core values and is a pillar of its Sustainability Framework. The Company's Community Relations Policy aims to foster a participative approach to community relations through respectful dialogue that builds trust, genuine collaboration and mutually beneficial relationships. In addition, it seeks to formulate strategies and procedures to manage social risks and the impacts and opportunities associated with our operations in consultation with local communities, while enhancing our contributions to local socio-economic development.

Highlights of the Company's community relations management performance for 2023 are:

- Zero significant disputes with local communities.
- Development of software to manage community grievances at the corporate level.
- 43.4% of employees were hired directly from local communities (communities nearby our mining operations)
- Caylloma Mine received the "Company with Sustainable Management" recognition from the local institution "Peru Sostenible", and recognition from the National Mining Safety Institute for good practices in occupational health and safety.
- Launch of a new Sustainability Partnership Program in Côte d'Ivoire which aims to contribute to the achievement of the United Nations Sustainable Development Goals and to the sustainable development of the countries in which we operate, while reinforcing Fortuna's reputation as a partner of choice and a responsible mining operator.

Human rights

The Company is committed to respecting human rights, which is understood as the fundamental rights and freedoms in the International Bill of Human Rights and the ILO Declaration on Fundamental Principles and Rights at Work. We recognize that mining activities and business relationships could create potential risks and impacts to human rights. We therefore strive to manage risks, maximize positive impacts, and reduce negative impacts. Human Rights and Ethics is a pillar of our Sustainability Framework. The Company's Human Rights Policy aims to ensure that we respect human rights and prevent or mitigate any violations, in alignment with the UN Guiding Principles on Business and Human Rights.

Highlights of the Company's human rights management performance for 2023 are:

- Zero confirmed cases of human rights violations.
- Creation of a Human Rights Steering Committee, chaired by our CEO, to oversee the continuous improvement of company practices.
- Development of a Human Rights action plan at the operation level, to enhance our performance and risk management.
- Preparation for reporting in accordance with the Fighting Against Forced Labour and Child Labour in Supply Chains Act enacted in Canada in 2023 and effective as of January 1, 2024.

2024 ESG Outlook

The Company continuously updates its Sustainability framework, governance, strategy, risk management, and metrics and targets taking into account internal and external factors and material issues in order to adapt its management of opportunities and stakeholders' expectations.

In 2024, the Company's objectives from an ESG perspective are to continue the implementation of ESG initiatives and enhance their performance at the subsidiary level. The main initiatives for 2024 include:

- Finalize the implementation of the Company's Critical Risk Management system and to accelerate its application and level of compliance at operational level.

- Publish its Climate Change 2030 GHG emissions reduction target and 2050 long-term objectives – completed in February 2024.
- Advance the level of implementation of the GISTM.
- Prepare and disclose the Company's first report under the Canadian Fighting Against Forced Labour and Child Labour in Supply Chains Act.
- Continue to improve the Company's ESG reputation in the precious metal sector according to major ESG ratings agencies.
- Conduct climate-related water studies for the Company's higher risk operations.
- Evaluate additional opportunities to implement energy efficiency initiatives, adopt new technology and/or increase the Company's use of renewable energy to further reduce energy consumption and GHG emissions.

Risk Factors

The Company's ability to generate revenues and profits from its natural resource properties is subject to a number of risks and uncertainties including those listed below, any of which, individually or together could cause actual events or results to differ materially from those described in forward-looking statements and forward-looking information.

The risks described below are a summary only and are not exhaustive of the risks relating to Fortuna and its business and operations. There may be additional risks not presently known to the Company, or that the Company currently considers immaterial, which may also impair its business and operations.

Risks Relating to the Company's Business Operations

The Company's operations are subject to operating hazards and risks incidental to mining activities.

The operations of the Company are subject to all of the hazards and risks normally incidental to mining exploration, development and operational activities, including fire, explosions, floods, structural collapses, industrial accidents, unusual or unexpected geological conditions, ground control problems, power outages, pollution, industrial water shortages, inclement weather, cave-ins and mechanical equipment failure. Any such hazards could result in work stoppages, damage to or destruction of mines and other facilities, damage to life and property, environmental damage and possible legal liability for any or all damages. While the Company maintains insurance against certain risks, potential claims could exceed policy limits or be excluded from coverage. There are also risks against which Fortuna cannot or may elect not to insure. The potential costs which could be associated with any liabilities not covered by insurance or in excess of insurance coverage may have a material adverse effect on the Company's business, financial condition or results of operations.

Mineral Resources, Mineral Reserves and precious metal recoveries are estimated.

There is a degree of uncertainty attributable to the estimation of Mineral Resources, Mineral Reserves and expected mineral grades. The Mineral Resource and Mineral Reserve estimates included or incorporated by reference in this AIF have been determined and valued based on assumed or estimated future prices, cut-off grades and operating costs. However, until mineral deposits are actually mined and processed, Mineral Resources and Mineral Reserves must be considered as estimates only. Any such estimates are expressions of judgment based on knowledge, mining experience, analysis of drilling results and industry practices.

Mineral Resources and Mineral Reserves may require revision based on actual production experience. Market fluctuations in the price of metals, as well as increased production costs, results of metallurgical testing and reduced recovery rates, may render certain Mineral Reserves uneconomic and may ultimately result in a restatement of Mineral Resources and/or Mineral Reserves. Short-term operating factors relating to the Mineral Resources and Mineral Reserves, such as the need for sequential development of ore bodies, may adversely affect the Company's profitability in any accounting period. Estimates of operating costs are based on assumptions including those relating to inflation and currency exchange, which may prove incorrect. Estimates of mineralization can be imprecise and depend upon geometallurgical assumptions, geological interpretation and statistical inferences drawn from drilling and sampling analysis, which may prove to be unreliable. In addition, the grade and/or quantity of precious metals ultimately recovered may differ from that indicated by drilling results. There can be no assurance that precious

metals recovered in small scale tests will be duplicated in large scale tests under onsite conditions or at production scale. Amendments to mine plans and production profiles may be required as the amount of Mineral Resources changes or upon receipt of further information during the implementation phase of the particular project. Extended declines in market prices for gold, silver and other metals may render portions of the Company's mineralization uneconomic and result in reduced reported mineralization. Any material reduction in estimates of mineralization, or in the Company's ability to develop its properties and extract and sell such minerals, could have a material adverse effect on the Company's business, financial condition or results of operations.

The Company's capital and operating costs, production schedules and economic returns are based on certain assumptions which may prove to be inaccurate.

The Company's expected capital and operating costs, production schedules and estimates, anticipated economic returns and other projections, estimates and forecasts for its mineral properties that are included or incorporated by reference in this AIF or included in any technical reports, scoping studies, pre-feasibility studies and feasibility studies prepared for or by the Company are based on assumed or estimated future metals prices, cut-off grades, operating costs, capital costs, metallurgical recoveries, that the actual ore mined is amenable to mining or treatment, environmental considerations, labour volumes, permitting and other factors, any of which may prove to be inaccurate. As a result, technical reports, scoping studies, pre-feasibility studies and feasibility studies prepared for or by the Company may prove to be unreliable.

The Company's capital and operating costs are affected by the cost and availability of commodities and goods such as steel, cement, explosives, fuel, electrical power and supplies, including reagents. Significant declines in market prices for gold, silver and other metals could have an adverse effect on the Company's economic projections. Management assumes that the materials and supplies required for operations will be available for purchase and that the Company will have access to the required amount of sufficiently skilled labour. As the Company relies on certain third-party suppliers and contractors, these factors can be outside its control and an increase in the costs of, or a lack of availability of, commodities, goods and labour may have an adverse impact on the Company's financial condition. The Company may experience difficulty in obtaining the necessary permits for its exploration, development or operational activities, if such permits are obtained at all, and may face penalties as a result of violations of permits or other environmental laws, which may cause delays and increases to projected budgets. Any of these discrepancies from the Company's expected capital and operating costs, production schedules and economic returns could cause a material adverse effect on the Company's business, financial condition or results of operations.

The Company has in the past, and may in the future, provide estimates and projections of its future production, costs and financial results. Any such information is forward looking. Neither the Company's auditors nor any other independent expert or outside party compiles or examines these forward looking statements. Accordingly, no such person expresses any opinion or any other form of assurance with respect thereto. Such estimates are made by the Company's management and technical personnel and are qualified by, and subject to the assumptions, contained or referred to in the filing, release or presentation in which they are made, including assumptions about the availability, accessibility, sufficiency and quality of mineralized material, the Company's costs of production, the market prices of silver, gold and other metals, the Company's ability to sustain and increase production levels, the ability to produce and sell marketable concentrates, the sufficiency of its infrastructure, the performance of its personnel and equipment, its ability to maintain and obtain mining interests and permits, the state of governments and community relations, and its compliance with existing and future laws and regulations. Actual results and experience may differ materially from these assumptions. Failure to achieve estimates or material increases to costs could have a material adverse impact on the Company's future cashflows, profitability, results of operations and financial condition. Any such production, cost, or financial results estimates speak only as of the date on which they are made, and the Company disclaims any intent or obligation to update such estimates, whether as a result of new information, future events or otherwise. Accordingly, such forward-looking statements should be considered in the context in which they are made and undue reliance should not be placed on them.

Uncertainties related to new mining operations.

It is not unusual in the mining industry for new mining operations to experience unexpected difficulties during the start-up phase or the subsequent ramp up in production to design capacity. The transition from construction to operations at the Séguéla Mine could be impacted by unexpected delays, operational issues or costs in achieving planned production levels thereby affecting the Company's cashflows and profitability. Any unexpected

complications and delays in the completion and successful functioning of these operational elements may result in additional costs being incurred by the Company beyond those already incurred and budgeted.

As part of its strategy, the Company will continue to develop new mineral projects. A number of risks and uncertainties are associated with the exploration and development of these types of projects, including: political, regulatory, design, construction, labour, operating, technical and technological risks, uncertainties relating to capital and other costs and financing risks.

The level of production and capital and operating cost estimates relating to the expanded portfolio of growth projects are based on certain assumptions and are inherently subject to significant uncertainties. It is likely that actual results of the Company's projects will differ from its current estimates and assumptions, and these differences may be material. In addition, experience from actual mining or processing operations may identify new or unexpected conditions which could reduce production below, and/or increase capital and/or operating costs above, current estimates. If actual results are less favourable than current estimates, the Company's business, results of operations, financial condition and liquidity could be adversely impacted.

Any new mining project will face a number of risks inherent in new mining operations. It is not unusual in the mining industry for new mining operations to experience unexpected difficulties during the start-up phase or the initial production phase, resulting in production suspensions, delays and requiring more capital than anticipated. It is also common in new mining operations to experience unexpected problems, delays and costs during mine development and ramp-up to full production capacity. Such factors can add to the costs of the mine development, production and operations and/or impair production and mining activities, thereby affecting Fortuna's cashflows and profitability. Any unexpected complications and delays in the completion and successful functioning of these operational elements may result in additional costs being incurred by Fortuna beyond those already incurred and budgeted. There can be no assurance that current or future development and expansion plans in respect of the Séguéla Mine and any of the Company's other mines will be successful or completed on time or on budget.

Exploration projects such as the Diamba Sud Project are uncertain.

The Company's mineral production is dependent in part on the success of its exploration projects, such as the Diamba Sud Project. The decision as to whether a property contains a commercial mineral deposit and should be brought into production will depend upon market conditions, as well as the results of exploration and evaluation programs and/or feasibility studies, and the recommendations of duly qualified engineers and/or geologists, all of which involves significant expense and risk. It is impossible to ensure that the Company's current exploration and development programs, at the Diamba Sud Project or elsewhere, will result in profitable commercial mining operations.

Additionally, the historical Mineral Resource estimates for the Diamba Sud Project were prepared in accordance with the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (2012 edition) published by the Joint Ore Reserves Committee of the Australian Institute of Mining and Metallurgy, the Australian Institute of Geoscientists and the Minerals Council of Australia. Confirmatory drilling to update the historical resources is on-going and planned for completion later in 2024. A detailed study of the drill results, technical data and economic parameters relating to the property, together with the preparation of an updated development plan, is required to be conducted in order to update the historical estimates at the Diamba Sud Project as a current Mineral Resource. The Company has not done sufficient work to classify the historical estimates as current Mineral Resources or current Mineral Reserves and the Company is not treating the historical estimate as a current Mineral Resource.

Projects being considered for development are subject to the completion of successful preliminary economic assessments, feasibility studies, engineering studies and environmental assessments, the issuance of necessary governmental permits and the availability of adequate financing, the completion or attainment of which are subject to their own risks and uncertainties. The inability to complete necessary tasks or obtain required inputs, or any delays in the achievement of any key project tasks or inputs, could cause significant delays in timing, cost or results of the assessment of feasibility and/or the process to advance a project to a development decision. The economic feasibility of development projects is based upon many factors, including, among others: the accuracy of mineral reserve and resource estimates; metallurgical recoveries; capital and operating costs of such projects; government regulations relating to prices, taxes, royalties, infrastructure, land tenure, land use, importing and exporting, and environmental protection; political and economic climate; and metal prices, which are historically volatile and cyclical.

Many of these factors are beyond the control of a mining company and therefore development projects, such as the Diamba Sud Project, are uncertain. See risk factor *“The Company’s operations are subject to political and other risks in the regions in which it operates”* below for further discussion of risks relating to the Diamba Sud Project.

The Company may be unable to replace its Mineral Reserves.

The Company must continually replace its Mineral Reserves depleted by production to maintain production levels over the long term. Mineral Reserves can be replaced by expanding known ore bodies, locating new deposits or making acquisitions. Exploration is highly speculative in nature and involves many risks and is frequently unsuccessful. Substantial expenditures are required to complete drilling programs which may take several years to complete in order to establish Mineral Reserves. As a result, there is no assurance that current or future exploration programs will be successful. There is a risk that depletion of the Company’s Mineral Reserves will not be offset by discoveries or acquisitions. The Company’s mineral base may decline if Mineral Reserves are mined without adequate replacement and the Company may not be able to sustain production beyond the current mine lives, based on current production rates. If the Company’s Mineral Reserves are not replaced either by the development of additional Mineral Reserves and/or additions to Mineral Reserves, there may be an adverse impact on the Company’s future cash flows, earnings, results of operations and financial condition, and this may be compounded by requirements to expend funds for reclamation and decommissioning. As at December 31 2023, the life of the Mineral Reserves at the Yaramoko Mine is two years, and one year at the San Jose Mine. It is anticipated that the San Jose mine will close at the end of 2024, and that the Yaramoko Mine will close at the end of its mine life currently estimated to be in the second half of 2026, in the event that the Company’s exploration programs are unsuccessful in expanding existing reserves or locating new deposits at these mines.

At the San Jose Mine, the Company’s exploration continues to pursue the discovery of new resources with the aim of extending production beyond 2024, but there is no certainty of success. In the case of a maturing mine nearing the end of its life such as the San Jose Mine, the risk of the extraction of Mineral Reserves becoming uneconomic increases. As a result, the Company’s ability to maintain its current production or increase its annual production of precious metals and generate revenues therefrom will depend significantly upon the Company’s ability to discover or acquire new deposits, to successfully bring new mines into production and to expand mineral reserves at existing mines. Exploration and development of mineral properties involves significant financial risk. Very few properties that are explored are later developed into operating mines.

The development of the Company’s properties requires substantial exploration, expenditures and the development of infrastructure.

Development of the Company’s non-producing properties, including the Diamba Sud Project, and the expansion of existing producing projects will only follow upon obtaining satisfactory exploration and engineering results that confirm economically recoverable and saleable volumes of minerals and metal as well as the legality of such development. The business of mineral exploration and development is speculative in nature and involves a high degree of risk, as few properties which are explored are ultimately developed into producing mines. Even with a combination of careful evaluation, experience and knowledge, there is no assurance that the Company’s mineral exploration and development activities will result in any discoveries of Mineral Reserves. The long-term profitability of the Company’s operations will be in part directly related to the cost and success of its exploration programs, which may be affected by a number of factors.

Substantial expenditures are required to establish Mineral Resources and Mineral Reserves through drilling and development and for mining and processing facilities and infrastructure. No assurance can be given that minerals will be discovered in sufficient quantities to justify commercial operations or that the funds required for development can be obtained on a timely basis. The economic feasibility of developing a mineral property is based on several other factors including anticipated metallurgical recoveries, the cost of operations, environmental considerations and permitting, future metal prices, and timely completion of the development plan.

In addition, completion of the development of the Company’s advanced projects is subject to various requirements, including the availability and timing of acceptable arrangements for power, water, transportation, access and facilities. The lack of, or delay in, availability of any one or more of these items could prevent or delay development of the Company’s advanced projects. There can be no assurance that adequate infrastructure, including road access, will be built, that it will be built in a timely manner or that the cost of such infrastructure will be reasonable or that

it will sufficiently satisfy the requirements of the advanced projects. As well, accidents or sabotage could affect the provision or maintenance of adequate infrastructure.

The Company's operations are subject to extensive environmental regulation.

All phases of the Company's operations are subject to environmental regulation in the various jurisdictions in which it operates. These laws address emissions into the air, discharges into water, management of waste, management of hazardous substances, protection of natural resources, vulnerable, threatened and endangered species and habitats and reclamation of lands disturbed by mining operations. The Company's ability to obtain, maintain and renew permits and approvals and to successfully develop and operate mines may be adversely affected by real or perceived impacts associated with the Company's activities or of other mining companies that affect the environment, human health and safety. Environmental hazards may exist on the Company's properties which are unknown to the Company at present and were caused by previous or existing owners or operators of the properties, for which the Company could be held liable.

Tailings Facilities

There are ten tailings storage facilities under management of the Company's subsidiaries. This includes four operating tailings storage facilities (TSF): one TSF at the Caylloma Mine, one dry stack TSF at the San Jose Mine, one TSF at Yaramoko Mine and one TSF at Séguéla Mine. In addition, the Company has a six partially closed or closed TSFs: two at the Caylloma Mine, and four at the San Joe Mine including three small legacy dry tailings deposits recently added into the management system from older mining facilities that existed within the mining concession. All of these TSFs are subject to the Company's tailings governance standards which is based on GISTM. As part of the Company's risk management protocols, the Company continually assesses its tailings facility management systems. Since 2019, the Company has executed comprehensive annual reviews and inspections of all of its TSF. At the end of 2023, no significant tailings incidents were recorded and no seepage, movement or instabilities have been observed at the TSFs under the Company's management. Fortuna is committed to ensure public safety and recognizes the GISTM as the leading global guidance for the mining industry, alongside standards and guidelines issued by the Canadian Dam Association (CDA), the Australian National Committee on Large Dams (ANCOLD) and the Mining Association of Canada's (MAC) Towards Sustainable Mining® standard (TSM). While the Company believes that appropriate steps have been taken to prevent TSF incidents, there are inherent risks involved with tailings facilities, including among other things, seismic activity, particularly in seismically active regions such as Peru and Mexico, and the ability of field investigations completed prior to construction of old TSFs to detect weak foundation materials. There can be no assurance that a tailings dam or other tailings facility safety incident will not occur in the case of an extreme natural event. Such an incident could have a material adverse effect on the Company's business, results of operations and financial condition.

Use of Cyanide

As part of their industrial process, operations at the Lindero, Caylloma, Séguéla and Yaramoko Mines involve the use of sodium cyanide, a hazardous material, to leach metal bearing ore and then collect the resulting metal-bearing solution. Although ore treatment plants are designed to be effluent-free with no industrial wastewater released into the environment, there is an inherent risk of an unintended discharge of hazardous materials for example from a heap leach or tailings facility. If sodium cyanide escapes from industrial infrastructure or is detected in surface and groundwater downstream, the Company could be subject to liability for remediation costs, which could be significant and may not be insured against. In addition, metal production could be delayed or halted to prevent further discharges and to allow for remediation. Such delays or cessations in production could be long-term or, in some cases, permanent, and any interference with production could result in a significant reduction in, or loss of, cash flow and value for the Company. While appropriate steps may be taken to prevent discharges of sodium cyanide and other hazardous materials into the ground water, surface water, and the downstream environment, there is inherent risk in the operation and there can be no assurance that a release of hazardous materials will not occur.

Whether it is during transport, storage or its use, cyanide management systems have been implemented outlining the responsibilities and procedures to be followed to ensure that a safe environment is maintained for all employees, nearby communities and the environment. This includes risk assessment, appropriate infrastructure design, training, audits, inspections, stakeholder consultation and emergency preparedness.

The Company's operations are subject to political and other risks in the regions in which it operates.

The Company currently conducts, or plans to conduct, exploration, development and production activity in a number of regions, including Peru, Mexico, Argentina and West Africa (including Burkina Faso, Côte d'Ivoire and Senegal). The Company's mining investments and operations are subject to various political, economic and social risks normally associated with the conduct of business in foreign jurisdictions, which include:

- cancellation or renegotiation of contracts by government authorities;
- changes in foreign laws or regulations, including those relating to taxation, royalties, mineral title, imports and/or exports, environmental controls and permitting;
- expropriation or nationalization of property;
- inflationary risks, including the inflation of costs that are not off-set by a currency devaluation;
- restrictions on the ability of local operating companies to sell gold, silver or other minerals offshore for U.S. dollars, and on the ability of companies to hold U.S. dollars or other foreign currencies;
- restrictions on the purchase of foreign currencies and on the remittance of dividend and interest payments offshore;
- limitations on the repatriation of earnings;
- opposition to mining development projects from governments, non-governmental organizations, environmental groups, local groups or other stakeholders;
- mining companies are increasingly required to consider and provide benefits to the communities and countries in which they operate;
- requirements to provide employment and procure from local suppliers;
- governmental restrictions in response to pandemics;
- uncertain political and economic environments, including increased risk of civil strife, social unrest, acts of war, guerrilla activities, insurrection and terrorism;
- lack of certainty with respect to foreign legal systems, corruption and other factors that are inconsistent with the rule of law;
- reliance on advisors, consultants and employees in foreign jurisdictions to carry out the Company's planned exploration, operations, development and exploration activities, including in connection planned with regulatory, permitting and other governmental requirements; and
- other risks arising out of foreign sovereignty over the areas in which the Company's operations are conducted.

Such risks could potentially arise in any country in which the Company operates. These risks may limit or disrupt operating mines or projects, restrict the movement of funds, cause the Company to have to expend more funds than previously expected or required, and may materially adversely affect the Company's business, financial condition or results of operations. The Company may also evaluate business opportunities in other jurisdictions where such risks may exist.

Challenges also exist with respect to inconsistent application of the rule of law in certain of the jurisdictions in which the Company operates, as court systems in regions such as West Africa may offer less certainty as to the judicial outcome or a more protracted judicial process than is the case in more established economies. Businesses can become involved in lengthy court cases over simple issues when rulings are not clearly defined, and any inconsistencies in the drafting of laws and excessive delays in the legal process for resolving issues or disputes compound such problems. In addition, enforcement of laws may depend on and be subject to the interpretation placed upon such laws by the relevant local authority, and such authority may adopt an interpretation of an aspect of local law which differs from the advice that has been given to the Company by local lawyers or even previously by the relevant local authority itself. Furthermore, there is limited relevant case law providing guidance on how courts would interpret such laws and the application of such laws to the Company's contracts, joint ventures, licenses, license applications or other arrangements. Thus, there can be no assurance that contracts, joint ventures, licenses, license applications or other legal arrangements will not be adversely affected by the actions of government authorities.

Accordingly, the Company could face risks such as: (i) effective legal redress in the courts of certain jurisdictions in which the Company operates being more difficult to obtain, whether in respect of a breach of law or regulation, or

in a contract or an ownership dispute, (ii) a higher degree of discretion on the part of governmental authorities and therefore less certainty, (iii) the lack of judicial or administrative guidance on interpreting applicable rules and regulations, (iv) inconsistencies or conflicts between and within various laws, regulations, decrees, orders and resolutions, or (v) relative inexperience of the judiciary and courts in such matters.

Additionally, the introduction of new tax laws, regulations or rules, or changes to, or differing interpretation of, or application of, existing tax laws, regulations or rules in any of the countries in which the Company operates, could result in an increase in the Company's taxes, or other governmental charges, duties or impositions. No assurance can be given that new tax laws, rules or regulations will not be enacted or that existing tax laws will not be changed, interpreted or applied in a manner that could result in the Company's profits being subject to additional taxation or that could otherwise have an adverse material effect on the Company.

On August 16, 2022, the Argentine Tax Authority ("**AFIP**") published General Resolution No.5248/2022 (the "**Resolution**") which established a one-time "windfall income tax prepayment" for companies that have obtained extraordinary income derived from the general increase in international prices. The Resolution was published by AFIP without prior notice.

The windfall income tax prepayment applies to companies that meet certain income tax or net income tax (before the deduction of accumulated tax losses) thresholds for 2021 or 2022. The aggregate amount of the windfall income tax prepayment payable by Fortuna's subsidiary Mansfield calculated in accordance with the Resolution was approximately \$1.0 million, (810 million Argentine Pesos), excluding related accrued interest of approximately \$0.3 million (277 million Argentine Pesos).

The windfall income tax prepayment was to be paid in three equal and consecutive monthly instalments, starting on October 22, 2022, and was payable in addition to income tax instalments currently being paid by corporate taxpayers on account of their income tax obligations. The windfall income tax prepayment is an advance payment of income taxes which were due to be paid in 2022.

Based on the historical accumulated losses of Mansfield for fiscal 2021 which can be carried forward for 2022, Mansfield was not liable for income tax for fiscal 2022.

To protect Mansfield's position from having to pay the windfall income tax prepayment as an advance income tax for 2022, which based on management's projections is not payable, Mansfield applied to the Federal Court of Salta Province for a preliminary injunction to prevent the AFIP from issuing a demand or other similar measure for the collection of the windfall income tax prepayment. On October 3, 2022, Mansfield was notified that the Court had granted the preliminary injunction. As a result, Mansfield did not pay any of the instalments. Mansfield also filed an administrative claim with the AFIP to challenge the constitutionality of the Resolution, which was rejected by AFIP on November 2, 2022.

Mansfield has challenged the rejection of its administrative claim, by filing legal proceedings against the AFIP with the Federal Court. On February 15, 2023, the Federal Court granted a preliminary injunction to Mansfield.

In these legal proceedings, Mansfield has subsequently presented additional documentation to AFIP which has resulted in the windfall tax prepayment installments being eliminated from Mansfield's account in AFIP's system. The legal proceedings to determine the unconstitutionality of the Resolution and whether interest is payable to AFIP continue under the protection of a preliminary injunction.

Argentina

The Company's operations at the Lindero Mine are subject to the payment of government taxes, fees and duties. This includes a 3% provincial royalty "boca mina" which is payable on revenue after deduction of direct processing, commercial, general and administrative costs. Under Argentina's federal laws exports of bullion, doré and unrefined gold were subject to an 8 percent export tax until December 31, 2023.

Effective December 23, 2019, changes to Argentina's tax laws proposed by the new Argentine Government were implemented. The changes ratified and extended legislation which was to expire on December 31, 2019 and allow

the Argentine Central Bank to regulate funds coming into and flowing out of Argentina in order to maintain stability and support the economic recovery of the country. The Argentine Government has not set an expiry date for these restrictions, and they currently remain in place. These capital controls together with additional temporary controls enacted on May 29, 2020, have the effect of: requiring exporters to convert the equivalent value of foreign currency received from the export into Argentine Pesos; requiring the prior consent of the Argentine Central Bank to the payment of cash dividends and distributions of currency out of Argentina; requiring Argentine companies to convert foreign currency loans received from abroad into Argentine Pesos; and restricting the sale of Argentine Pesos for foreign currency. These provisions restrict the Company from holding funds in Argentina in United States dollars. Accordingly, the Company is required to convert the equivalent value of proceeds received in foreign currency from the export of all gold doré from the Lindero Mine, into Argentine Pesos. In addition, the Company is required to obtain the prior consent of the Argentine Central Bank to the payment of cash dividends and distributions of profits out of Argentina.

Further, effective December 12, 2023 additional capital controls were imposed on the import of goods and services in Argentina. Currently, most import permits for goods are approved subject to payment being deferred for 120 days (four equal monthly instalments of 25 percent), with the exception of pre-financing of exports, which are paid at the time of the nationalization of the goods. In the case of services, the payment is deferred for 30 days after the service is provided.

Certain of the costs and expenses to fund the construction at the Lindero Mine were advanced by way of intercompany loans. Under the terms of the Argentine Central Bank regulation, any funds in foreign currency which were advanced by the Company as a loan to its Argentine subsidiary in connection with the payment of construction costs and expenses at the Lindero Mine, are to the extent that the funds were advanced in foreign currency, required to be converted into Argentine Pesos at a conversion rate negotiated at the foreign exchange market within five business days from the date of the receipt of the funds in Argentina. When the loan is to be repaid, the regulation requires proof that the loan was advanced in foreign currency and converted into local currency in order to repay the loan in foreign currency. Due to the volatility of the exchange rate for Argentine Pesos, the Company will apply additional measures in cash management to minimize potential gains or losses arising from the conversion of funds. In addition, the Argentine Central Bank has also issued a temporary measure in effect until June 30, 2024, which requires the consent of the Argentine Central Bank to the repayment of certain types of intercompany loans. There can be no assurance that the temporary measure will not be extended.

As part of the structure used to fund the construction of the Lindero project and the operation of the Lindero Mine, Fortuna has implemented a series of intercompany revolving pre-export financing facilities. This allows exporters to apply the proceeds of sales directly towards payment of principal and interest under the facility. The facilities are not impacted by the regulations described above, and the Company could repatriate up to \$20 million through this mechanism.

There are also risks relating to an uncertain or unpredictable political and economic environment in Argentina, and there may be material adverse consequences with respect to the Company and its operations as a result of such political or economic instability. After the presidential election in Argentina in November 2023, the new President announced broad economic changes shortly after taking office on December 10, 2023, including, but not limited to, changes in import and export tariffs, labour and tax reforms, the privatization of major state-owned companies, capital control reforms, and the dollarization of the economy. These and other policy changes, if implemented, may cause significant volatility in the political, regulatory and economic environment and may adversely impact the Company's operations and financial condition and accuracy of cost estimates and economic analysis of the Lindero Mine.

Mexico

The Company's operations at the San Jose Mine are subject to the payment of government taxes, fees and duties. Under Mexican federal corporate income tax law, titleholders of mining concessions are required to pay an annual 7.5% duty on their mining related profits and a 0.5% duty on revenues obtained from the sale of gold, silver and platinum.

Additionally, the State of Oaxaca in Mexico has a history of social conflicts and political agitation which can lead to public demonstrations and blockades that can from time to time affect the Company's operations.

In 2015, the Mexican Government introduced a mining fund (the “**Mining Fund**”) which was funded from taxes paid by mining companies operating in Mexico. The Mining Fund distributed monies to local communities where the activities of mining companies take place to promote infrastructure and social development and to mitigate environmental impacts. Effective January 1, 2020, 85% of the funds of the Mining Fund were reallocated to the Public Education Ministry, and 5% are to be distributed among the municipalities where the mining activities take place. The local communities where the Company operates may be affected by the cut-back in these funds. It is not yet known if this may have an impact on the business and operations of the Company.

In January 2020, the Oaxacan Congress approved a Previous, Free and Informed Consultation Law for the Indigenous and Afromexican Communities in the State of Oaxaca (the “Consultation Law”), which is now in full force and effect.

The Consultation Law settles the procedure that the authority, in this case any public administration sector or the legislative power of Oaxaca, must follow to acquire the prior and informed consent of the indigenous or Afromexican communities that may be affected or jeopardized by the approval of a specific law, or by the authorization of an administrative procedure or act. The Consultation Law is only applicable locally in the State of Oaxaca and specifically to state matters. The mining operations at the San Jose Mine, including the granting of mining concessions and the corresponding environmental impact authorizations are regulated federally and should not be affected by the recently published Consultation Law.

The Consultation Law has no impact on the ongoing business of the Company at the San Jose Mine, as it has no effect on the permits and authorizations already granted for the operations at the San Jose Mine. However, the new law may be applicable in the case of a new local license or permit that is needed. The Company is unable to predict how this new legislation may affect the business and operations of the Company at this time.

In June 2020, the Mexican Supreme Court of Justice mandated the Federal Congress to issue a Federal Consultation Law to regulate the previous, free and informed consent rights of the Indigenous and Afromexican Communities in compliance with Mexico’s obligations under ILO Convention 169. In April 2021, the House of Representatives approved a General Consultation Law for the Indigenous and Afromexican Communities. Currently the Senate is analyzing the House of Representative’s proposal and (i) may approve and send it to the Executive Branch for its enactment; or (ii) modify it and send it back to the House of Representatives for further analysis. The General Consultation Law settles the procedure that the authority, in this case the federal legislative and executive branches of government, must follow to acquire the prior and informed consent of the Indigenous or Afromexican Communities that may be affected or jeopardized by new legislation or by an administrative procedure or administrative act. The Company is unable to predict at this time how this new legislation, if enacted, may affect the business and operations of the Company at this time.

On April 28, 2023, the Mexican Government reformed its mining code which significantly changed the current legal environment for mining including shortening the length of concessions from 50 years to 30 years, requiring all new mining concessions to be granted pursuant to a public tendering process; imposing new indigenous consultation requirements and new environmental safeguards; tightening the requirements for water, and other reforms. The impact to Fortuna’s operations is currently under review. The Mining Code has brought significant uncertainty for foreign investors in Mexico and companies operating in the mining sector, including the Company. As a result of the new Mining Code, the Company expects that it will be more difficult to access and maintain rights to land and water, thereby negatively impacting the Company’s mining activities within Mexico and raising concerns around exploration programs. Challenges have been filed in country against the new Mining Code. If the challenges to the new Mining Code are unsuccessful, and the current trend of political and regulatory anti-mining sentiment continues, this may have an adverse impact on the Company’s operations and financial results.

Peru

The Company’s operations at the Caylloma Mine are subject to the payment of government taxes, fees and duties. Holders of mineral concessions are obliged to pay a mining royalty to the Peruvian Government, as a consideration for the exploitation of metallic and non-metallic natural resources, which is calculated based on the quarterly sales revenues from metallic and non-metallic mineral resources at a minimum rate of 1% and up to 12%.

In addition, an additional tax called the “Special Mining Tax” is payable to the Peruvian Government which imposes a tax on the operating profit of metallic resources at a tax rate that ranges from between 2% to 8.4%.

In some areas of Peru, the development of infrastructure projects and extractive industries have met with strong rejection from the local population. Such social conflict may lead to public demonstrations and blockades which could affect the Company’s operations.

In early December 2022, Pedro Castillo, the former President of Peru, was removed from office and replaced by Dina Boluarte, Peru’s former Vice President. The new President, Ms. Boluarte, has adopted a more business-friendly stance, albeit on a fragile coalition government. Security related issues have severely impacted some northern areas of Peru, specifically the Pataz region, where significant illegal gold mining takes place. There is no impact to Minera Bateas’ operations nor its sales distribution process, as the Caylloma Mine is located in the Arequipa region in southern Peru. Despite this, Peru’s business environment remains relatively strong, supported by the recent change of Peru’s Prime Minister and a new Mining and Energy Minister.

West Africa

The Company’s operations at the Yaramoko Mine, the Séguéla Mine and the Diamba Sud Project are subject to the payment of government taxes, fees and duties in Burkina Faso, Côte d’Ivoire and Senegal, respectively.

Operations in Burkina Faso are subject to the royalty regime set forth in the Burkina Faso 2015 Mining Code (“**Burkina Faso Mining Code**”). Pursuant to the Burkina Faso Mining Code, the granting of an exploitation permit entails the allocation to the State of 10% of the share capital of the exploitation company, free of charge. This 10% State participation must be maintained when there is an increase in the capital of the company. Any form of additional participation by the State in the share capital of a company shall be in accordance with the provisions of the Uniform Act of the Organization for the Harmonization of Business Law in Africa relating to commercial companies and economic interest groups.

In addition, there is a gold price based sliding scale 3% to 5% royalty, which in late 2023 was increased to a maximum of 7%, payable to the State, on all gold production.

Operations in Côte d’Ivoire are subject to a similar royalty regime as in Burkina Faso, as set forth in the Côte d’Ivoire 2014 Mining Code (“**Côte d’Ivoire Mining Code**”). Pursuant to the Côte d’Ivoire Mining Code, the granting of an exploitation permit entails the allocation to the State of 10% of the share capital of the exploitation company, free of charge. This 10% State participation must be maintained regardless of any increase in the capital of the company. Any additional participation of the State in the share capital of the company must be agreed among the parties following negotiation and based on market prices. The said participation is contributory and shall not exceed 15% of the capital of the company at the date of its acquisition.

Production from the Séguéla Mine is subject to a gold price based sliding scale 3% to 6% royalty, payable to the State, which is calculated on the gross revenue from gold produced after deduction of transportation and refining costs.

Operations in Senegal are subject to a similar royalty regime as in Burkina Faso and Côte d’Ivoire as set forth in the Senegal 2016 Mining Code (“**Senegal Mining Code**”). Pursuant to the Senegal Mining Code, the granting of an exploitation permit entails the allocation to the State of 10% of the share capital of the exploitation company, free of charge. This 10% State participation must be maintained regardless of any increase in the capital of the company. Any additional participation of the State in the share capital of the company must be agreed among the parties following negotiation and based on market prices. The said participation is contributory and shall not exceed 25% of the capital of the company at the date of its acquisition.

Production from gold mines in Senegal is subject to a 5% royalty on gold production, payable to the State.

While the Company believes that the governments of Burkina Faso, Côte d’Ivoire and Senegal support the development of their natural resources by foreign companies, the Company’s West African operations may face a heightened level of political and social risk, such as civil and ethnic unrest, war (including in neighbouring countries),

terrorist actions, hostage taking or detainment of personnel, military repression, criminal activity, nationalization, invalidation of governmental orders, corruption and political instability.

Following instability in recent years in several West African countries, the prevailing security environment in these countries has deteriorated due to the presence of various militant secessionist and Islamist paramilitary groups, as well as a result of military coups in Burkina Faso in January and September 2022. On January 28, 2024, the government of Burkina Faso, along with Mali and Niger, announced its intention to withdraw from the Economic Community of West Africa States (ECOWAS). The protocol to withdraw from ECOWAS takes up to one year to complete and there is significant uncertainty on how this will impact the economic and political situation in Burkina Faso. In February 2024, the decision of the Senegalese National Assembly to postpone the presidential election from February 25, 2024 to December 15, 2024 caused weeks of protests and violence in country. The Senegalese Constitutional Council subsequently ruled that the presidential election must take place before April 2024. There can be no assurances that political unrest and protests will not continue once the election has been held. While the Company has implemented additional measures in response to ensure the security of its various assets, personnel and contractors, and continues to cooperate with regional governments, their security forces and applicable third parties, there can be no assurance that these measures will be successful. Any failure to maintain the security of its assets, personnel and contractors may have a material adverse effect on Company's business, prospects, financial condition and results of operations. To date, neither our employees nor our operations have been impacted by the security situation in Burkina Faso.

While there is no reason to believe that Fortuna's employees or operations will be targeted by criminal and/or terrorist activities in West Africa, risks associated with conducting business in the region, along with the increased perception that such incidents are likely to occur, may disrupt the Company's operations, limit its ability to hire and keep qualified personnel, and impair its access to sources of capital or insurance on terms and at rates that are commercially viable. Further, although the Company has developed procedures regarding the mitigation of such risks, due to the unpredictable nature of criminal and/or terrorist activities, there is no assurance that its efforts will be able to effectively mitigate such risks and safeguard the Company's personnel and assets.

As African governments continue to struggle with deficits and depressed economies, the strength of commodity prices has resulted in the gold mining sector being targeted as a source of revenue. Governments in West Africa are continually assessing the terms for a mining company to exploit resources in their country. This has in the past resulted in governments repudiating or renegotiating contracts with, and expropriating assets from, companies that are producing in such countries. Although the Company believes it has good relations with the governments of Burkina Faso, Côte d'Ivoire and Senegal, there can be no assurance that the actions of present or future governments will not materially adversely affect the business or financial condition of the Company.

Any of the above events could delay or prevent the Company from operating, developing or exploring its properties located in Burkina Faso, Côte d'Ivoire and Senegal, even if economic quantities of minerals are found and could have a material adverse impact upon the Company's operations.

The Company is subject to global geopolitical risks.

In addition to the risks specific to the countries in which the Company operates, global events such as war and occupation, terrorism and related geopolitical risks may lead to increased market volatility and may have adverse short-term and long-term effects on world economies and markets generally. For example, in response to the current conflict between Russia and Ukraine, countries in which Fortuna operates have implemented economic sanctions against Russia and/or certain Russian individuals or organizations, and may impose further sanctions or other restrictive actions against governmental or other individuals or organizations in Russia or elsewhere. The effects of disruptive events, including the Israel - Hamas war, could affect the global economy and financial and commodities markets in ways that cannot necessarily be foreseen at the present time. These events could also exacerbate other pre-existing political, social and economic risks, including those described elsewhere in this AIF.

The Company is subject to risks relating to the repatriation of funds.

The ability of the Company to repatriate funds from any foreign country may be hindered by the legal restriction of the countries in which it operates. The Company currently generates cash flow and profits at its foreign subsidiaries,

and repatriates funds from those subsidiaries to fulfill its business plan. The Company may not be able to repatriate funds or may incur tax payments or other costs when doing so, due to legal restrictions or tax requirements at local subsidiary levels or at the parent company level, which could be material. In light of the foregoing factors, the amount of cash that appears on the balance sheet of the Company from time to time may overstate the amount of liquidity it has available to meet its business or debt obligations. Although the Company has not historically experienced difficulties in repatriating capital, there is no assurance that the government of any foreign country in which it operates, or may operate in the future, will not impose additional restrictions on the repatriation of earnings to foreign entities. Any inability to repatriate funds could have a material adverse effect on the liquidity of the Company. Existing foreign exchange controls in Argentina may impact the ability to repay intercompany debt and to repatriate funds by way of the payment of dividends. See “Risk Factors – *The Company’s operations are subject to political and other risks in the regions in which it operates – Argentina*”.

The Company is subject to extensive government regulations and permit requirements.

Operations, development and exploration on the Company’s properties are affected to varying degrees by political stability and government regulations relating to such matters as environmental protection, health, safety and labor, mining law reform, restrictions on production, price controls, tax increases, maintenance of claims, tenure, and expropriation of property. Failure to comply with applicable laws and regulations may result in fines or administrative penalties or enforcement actions, including orders issued by regulatory or judicial authorities enjoining or curtailing operations or requiring corrective measures, installation of additional equipment or remedial actions, any of which could result in the Company incurring significant expenditures.

The activities of the Company require licenses and permits from various governmental authorities. The Company has been granted the requisite licenses and permits to enable it to carry on its existing business and operations. On December 20, 2021, the Company announced that SEMARNAT had granted a 12-year extension to the EIA for the San Jose Mine. Subsequently on January 28, 2022, the Company announced that it had received a notice from SEMARNAT which advised that SEMARNAT had made a typographical error in the extension to the term of the EIA for the San Jose Mine and that the correct extension term is two years.

On November 7, 2022, the Company received notice that the Mexican Federal Administrative Court had issued a judgment in favour of the Company, which re-confirms that the extension of the term of the EIA for the San Jose Mine is for a period of 12 years. On January 5, 2023, the Company announced that it had received the SEMARNAT Resolution which provides that SEMARNAT has annulled and is re-assessing the 12-year extension to the EIA for the San Jose Mine that it granted to Minera Cuzcatlan in December 2021.

Minera Cuzcatlan initiated legal proceedings in the Federal Administrative Court in Mexico City to contest and revoke the annulment of the San Jose EIA. Minera Cuzcatlan obtained provisional and permanent injunctions from the Court which allowed the San Jose Mine to continue to operate under the terms of the 12-year EIA. On October 30, 2023, Fortuna announced that the Federal Administrative Court had ruled in favor of Minera Cuzcatlan and re-instated the 12-year EIA for the San Jose Mine. The decision of the Mexican Administrative Court has been appealed and was admitted by the Mexican Collegiate Court in January 2024. Minera Cuzcatlan filed a response with the Mexican Collegiate Court in February 2024. A decision of the Mexican Collegiate Court is expected within the next six to 12 months. The permanent injunction that Minera Cuzcatlan currently has remains in effect.

The results of these legal proceedings cannot be predicted with certainty due to the uncertainty inherent in litigation, including the difficulty of predicting decisions and the timing required to render decisions. The legal proceedings could take away from the time and effort of the Company’s management and could force the Company to pay substantial legal fees or penalties. Further, there can be no assurances that the resolutions of any such matters will not have a material adverse effect on the Company’s business, financial condition and results of operations.

In addition, there can be no assurance that the Company will be able to obtain all the necessary licenses and permits which may be required to carry out exploration, development and mining operations for its projects in the future. The Company might find itself in situations where the state of compliance with regulation and permits can be subject to interpretation and challenge from authorities that could carry risk of fines or temporary stoppage.

The Company operates in countries with developing mining laws and regulations, and changes in such laws or regulations could materially impact Fortuna’s rights or interests in its properties. For example, the recently elected Peruvian government has raised the prospect of implementing changes to the Peruvian constitution, imposing

increased mining taxes and royalties, in addition to changes to mine closure requirements, and formalization of small-scale miners and artisanal miners. In addition, previous regional and local governments and other political parties have actively opposed mining projects in the Arequipa area. The Company is unable to predict the positions that will be taken in the future on foreign investment, mining concessions, land tenure or other regulations, or whether such positions will affect the Caylloma Mine. In addition, in May 2023, the Mexican government published several amendments to laws relating to the country's mining industry, which have added significant uncertainty for foreign investors in Mexico and companies operating in the mining sector, including the Company. See "Risk Factors – The Company's operations are subject to political and other risks in the regions in which it operates – Mexico".

Future Environmental Legislation.

Environmental legislation is evolving in a manner which is imposing stricter standards and enforcement, increased fines and penalties for non-compliance, in addition to more stringent environmental assessments of proposed projects and a heightened degree of responsibility for companies and their officers, directors and employees. New environmental laws and regulations or more stringent enforcement of existing laws and regulations could have a material adverse effect on the Company, both financially and operationally, by potentially increasing capital or operating costs and delaying or preventing development activities at our mineral properties. Compliance with environmental laws and regulations may require significant capital outlays on behalf of the Company and may cause material changes or delays in the Company's intended activities. Failure to comply with applicable environmental laws, regulations and permitting requirements may result in enforcement actions thereunder, including orders issued by regulatory or judicial authorities, causing operations to cease or be curtailed. Such enforcement actions may include the imposition of corrective measures requiring capital expenditure, installation of new equipment or remedial action. There is no assurance that future changes in environmental regulation, if any, will not adversely affect the Company's operations.

The Company intends to, and attempts to, fully comply with all applicable environmental regulations. While the health and safety of its people and responsible environmental stewardship are top priorities for the Company, there can be no assurance that the Company has been or will be at all times in complete compliance with such laws, regulations and permits, or that the costs of complying with current and future environmental and health and safety laws and permits will not materially and adversely affect the Company's business, results of operations or financial condition.

Abnormal or extreme natural events.

The Company and the mining industry are facing continued physical challenges, which could adversely impact the Company's production and profitability. Unanticipated adverse geotechnical and hydrological conditions, such as landslides, floods, seismic activity, droughts and pit wall failures, may occur in the future and such events may not be accurately predicted or detected in advance. Such risks could impact the structural integrity of our mines, stockpiles, leach pads and tailings storage facilities. Geotechnical instabilities and adverse climatic conditions can be difficult to predict and are often affected by risks and hazards outside of the Company's control, such as severe weather, droughts and considerable rainfall.

The Company's operations require water, and the Lindero Mine and the San Jose Mine are located in regions where water is scarce. While the Company believes it holds sufficient water rights to support its current operations, future developments could limit the amount of water available to the Company. New water development projects, or climatic conditions such as extended drought, could adversely affect the Company's operations. There can be no guarantee that extreme weather events such as a prolonged drought will not affect the operations at these mines, or that the Company will be successful in maintaining adequate supplies of water for its operations. In addition, too much precipitation can pose a risk to the Company's operations, such as at the San Jose Mine which in the past experienced abnormally high rainfall which disrupted operations. Increased precipitation, either due to normal variances in weather or due to global climate change, could result in flooding that may adversely impact operations and could damage the Company's facilities, plant and operating equipment.

Abnormal or extreme natural events may adversely impact the Company's operations. These risks may include extreme weather events, resource shortages, changes in rainfall and storm patterns and intensities, water shortages, changing sea levels and changing temperatures, leading to geotechnical failures that could result in limited or restricted access to mine sites, suspension of operations, government investigations, increased monitoring costs, remediation costs, loss of ore and other impacts, which could cause one or more of the Company's projects to be

less profitable than currently anticipated and could result in a material adverse effect on the Company's business results of operations and financial position.

The Company is subject to risks relating to labour relations.

While the Company has good relations with its employees, there can be no assurance that it will be able to maintain positive relationships with its employees or that new collective agreements will be entered into without interruptions to the Company's operations. In addition, relations between the Company and its employees may be impacted by regulatory or governmental changes introduced by the relevant authorities in the jurisdictions that the Company operates. Adverse changes in such legislation or in the relationship between the Company and its employees could have a material adverse impact on the Company's business, financial condition and results of operations.

In the second quarter of 2023, a small group of union employees at the San Jose Mine, representing 15 percent of the mine and plant workforce, illegally blockaded access to the mine for 15 days resulting in suspension of operations, which negatively impacted production and revenue. The illegal blockade arose after the group of workers failed to agree with the estimated amount the Company was to distribute among the workforce as part of the worker's profit sharing entitlement. Profit sharing is a transparent calculation and is payable in accordance with Mexican legislation. The blockaders demanded that the Company increase profit sharing participation beyond what was stipulated by law. The Company engaged in dialogue with the union leadership such that the employees returned to work and operations at the San Jose Mine resumed. Any failure to successfully resolve future union complaints could result in additional work stoppages and/or other future disruptions in production and labour issues, which could adversely affect the Company's operations and financial performance and the Company's ability to achieve expected results and guidance.

The Company is subject to risks relating to the use of outside contractors.

The underground mining operations at the Yaramoko Mine and the open pit mining operations at the Séguéla Mine are conducted by outside contractors pursuant to mining services contracts. As a result, the Company's operations in Burkina Faso and Côte d'Ivoire are subject to risks, some of which are outside of the Company's control, including: (i) the inability to replace a contractor and its operating equipment in the event that either party terminates the agreement; (ii) reduced control over such aspects of operations that are the responsibility of the contractor; (iii) failure of a contractor to perform under the related mining services contract; (iv) interruption of operations in the event that a contractor ceases its business due to insolvency or other events; (v) failure of a contractor to comply with applicable legal and regulatory requirements, to the extent that it is responsible for such compliance, and; (vi) problems of a contractor with managing its workforce, labour unrest or other employment issues. In addition, the Company may incur liability to third parties as a result of the actions of a contractor. Although the mining contractors involved with the Company's projects are well-known and reputable, the occurrence of one or more of these risks could materially adversely affect the Company's business, financial condition and results of operations.

Informal and artisanal mining occurs on or adjacent to certain of our properties exposing such sites to security risks.

Informal and artisanal miners have been active on, or adjacent to, some of the Company's properties, including concession areas of the Caylloma Mine and the Company's properties in Burkina Faso, Côte d'Ivoire and Senegal. No such activities currently occur in the area where the Mineral Resources and Mineral Reserves are located. Informal or artisanal mining is associated with a number of potentially negative impacts, such as exposure to security risks, environmental degradation, and in certain cases, it could accelerate the depletion of our Mineral Resources and Mineral Reserves. In coordination with the Peruvian government and the Peruvian police, during 2023 and 2024, the Company closed the majority of the concession areas adjacent to the Caylloma Mine where informal miners were active. The activities of artisanal miners are largely unregulated and work conditions are often unsafe and present health risks to the artisanal miners and local communities, which while unrelated to our operations, may have an impact on them.

At the Caylloma Mine, artisanal miners are in dialogue with the Peruvian government to formalize their operation. Pursuant to Law No. 31388 published on December 31, 2021, artisanal miners have a deadline of

December 31, 2024 to conclude the formalization process. While the Company believes it is unlikely that the artisanal miners will be successful in obtaining approval to formalize their operations, there can be no assurance of same.

In Burkina Faso and Côte d'Ivoire, the Company is aware that small scale unauthorized artisanal mining activities are being conducted on land within the boundaries of its exploration and exploitation permits at the Yaramoko Mine and the Séguéla Mine, but not within the respective areas of defined Mineral Resources and Mineral Reserves. No approval to conduct such activities has been granted by either the Company or the Mines Administrations in Burkina Faso or Côte d'Ivoire.

In May 2023, one of the Company's Senegalese subsidiaries entered into a temporary agreement allowing artisanal miners to access a small area of the Diamba Sud Project to carry out artisanal mining activities, subject to certain terms and conditions. The agreement has a term of 12 months and will not be renewed by the Company. Except for the foregoing, artisanal miners have no rights to access the land and no rights to conduct artisanal mining activities on the Diamba Sud Project.

The Company's mining concessions may be terminated in certain circumstances.

Under the laws of the jurisdictions where the Company's operations, exploration and development projects and prospects are located, Mineral Resources belong to the state and governmental concessions are required to explore for, and exploit, Mineral Reserves. The Company holds mining, exploration and other related concessions in these jurisdictions. The concessions held by the Company in respect of its operations, exploration and development projects and prospects may be terminated under certain circumstances, including where minimum production levels are not achieved by the Company (or a corresponding penalty is not paid), if certain fees and/or royalties are not paid or if environmental and safety standards are not met. Termination of any of the Company's concessions could have a material adverse effect on the Company's business, financial condition or results of operations.

The Company is subject to risks related to ILO Convention 169 compliance.

The Company may, or may in the future, operate in areas presently or previously inhabited or used by indigenous peoples. As a result, the Company's operations are subject to national and international laws, codes, resolutions, conventions, guidelines and other similar rules respecting the rights of indigenous peoples, including the provisions of ILO Convention 169. ILO Convention 169 mandates, among other things, that governments consult with indigenous peoples who may be impacted by mining projects prior to granting rights, permits or approvals in respect of such projects.

ILO Convention 169 has been ratified by most Latin American countries including Argentina, Peru and Mexico. It is possible however that these governments may not (i) have implemented procedures to ensure their compliance with ILO Convention 169 or (ii) have complied with the requirements of ILO Convention 169 despite implementing such procedures.

Government compliance with ILO Convention 169 can result in delays and significant additional expenses to the Company arising from the consultation process with indigenous peoples in relation to the Company's exploration, mining or development projects. Moreover, any actual or perceived past contraventions, or potential future actual or perceived contraventions, of ILO Convention 169 by ratifying governments in the countries in which the Company operates create a risk that the permits, rights, approvals, and other governmental authorizations that the Company has relied upon, or may in the future rely upon, to carry out its operations or plans in such countries could be challenged by or on behalf of indigenous peoples in such countries.

Such challenges may result in, without limitation, additional expenses with respect to the Company's operations, the suspension, revocation or amendment of the Company's rights or mining, environmental or export permits, a delay or stoppage of the Company's development, exploration or mining operations, the refusal by governmental authorities to grant new permits or approvals required for the Company's continuing operations until the settlement of such challenges, or the requirement for the responsible government to undertake the requisite consultation process in accordance with ILO Convention 169.

As a result of the inherent uncertainty in respect of such proceedings, the Company is unable to predict what the results of any such challenges would be; however, any ILO Convention 169 proceedings relating to the Company's mining and exploration operations in Mexico or Peru, or its development of the Lindero Mine and exploration of

other properties in Argentina, may have a material adverse effect on the business, operations, and financial condition of the Company.

On March 1, 2022, the Constitutional Court of Peru through Verdict N° 27/2022, declared that the right to prior consultation is not a fundamental right, therefore it is not possible to claim protection of ILO Convention 169 through a constitutional process.

The Company's success depends on developing and maintaining relationships with local communities and stakeholders.

The Company's ongoing and future success depends on developing and maintaining productive relationships with the communities surrounding its operations, including indigenous peoples who may have rights or may assert rights to certain of the Company's properties, and other stakeholders in its operating locations. The Company believes its operations can provide valuable benefits to surrounding communities, in terms of direct employment, training and skills development and other benefits associated with ongoing payment of taxes. In addition, the Company seeks to maintain its partnerships and relationships with local communities, including indigenous peoples, and stakeholders in a variety of ways, including in-kind contributions, local procurement of goods and services, volunteer time, sponsorships and donations. Notwithstanding the Company's ongoing efforts, local communities and stakeholders can become dissatisfied with its activities or the level of benefits provided, which may result in civil unrest, protests, direct action or campaigns against it. Any such occurrence could materially and adversely affect the Company's business, financial condition or results of operations.

As a result of social media and other web-based applications, companies today are at much greater risk of losing control over how they are perceived.

Damage to the Company's reputation can be the result of the actual or perceived occurrence of any number of events, and could include any negative publicity, whether true or not. Although the Company places a great emphasis on protecting its image and reputation, it does not ultimately have direct control over how it is perceived by others. Reputation loss may lead to increased challenges in developing and maintaining community relations, decreased investor confidence and act as an impediment to the Company's overall ability to advance its projects, thereby having a material adverse impact on the Company's business, financial condition or results of operations.

Opposition of the Company's exploration, development and operational activities may adversely affect the Company's reputation, its ability to receive mining rights or permits and its current or future activities.

Maintaining a positive relationship with the communities in which the Company operates is critical to continuing successful exploration and development. Community support for operations is a key component of a successful exploration or development project. Various international and national laws, codes, resolutions, conventions, guidelines and other materials relating to corporate social responsibility (including rights with respect to health and safety and the environment) may also require government and or company consultation with communities on a variety of issues affecting local stakeholders, including the approval of mining rights or permits.

The Company may come under pressure in the jurisdictions in which it explores or develops to demonstrate that other stakeholders benefit and will continue to benefit from its commercial activities. Local stakeholders and other groups may oppose the Company's current and future exploration, development and operational activities through legal or administrative proceedings, protests, roadblocks or other forms of public expression against the Company's activities. Opposition by such groups may have a negative impact on the Company's reputation and its ability to receive necessary mining rights or permits. Opposition may also require the Company to modify its exploration, development or operational plans or enter into agreements with local stakeholders or governments with respect to its projects, in some cases causing considerable project delays. Any of these outcomes could have a material adverse effect on the Company's business, financial condition, results of operations and Common Share price.

The Company is faced with uncertainty of funding for exploration and development.

The Company's ability to continue production, development and exploration activities, if any, will depend on its ability to generate sufficient operating cash flows from the Lindero Mine, the Yaramoko Mine, the Séguéla Mine, the Caylloma Mine and the San Jose Mine, and to obtain additional external financing where necessary. Any unexpected costs, problems or delays at the Lindero Mine, the Yaramoko Mine, the Séguéla Mine, the San Jose Mine, or the Caylloma Mine could severely impact the Company's ability to generate sufficient cash flows and require

greater reliance on alternative sources of financing, including but not limited to: project or bank financing, or public or private offerings of equity and debt, joint ventures, or utilize one or a combination of all of these alternatives. There can be no assurance that the Company will be able to obtain additional financing or that the terms of such financing will be favorable. Failure to obtain such additional financing could result in delay or indefinite postponement of further exploration and development of some of its projects.

The Company is substantially reliant on its producing mines.

Prior to the exhaustion of Mineral Reserves at the San Jose Mine anticipated to be at the end of 2024, until the Company develops additional properties or projects, it remains largely dependent upon the operation of the Lindero Mine, the Yaramoko Mine, the Séguéla Mine, the Caylloma Mine and the San Jose Mine as its primary source of cashflows, future revenue and profits, if any. If for any reason production at any of these mines was reduced or stopped, the Company's revenues and profits would decrease significantly. In addition, existing foreign exchange controls in Argentina may impact the ability to repay intercompany debt and to repatriate funds by way of the payment of dividends.

The title to the Company's properties could be challenged or impugned.

Although the Company has or will receive title opinions for any properties in which it has a material interest, there is no guarantee that title to such properties will not be challenged or impugned. The Company has not conducted surveys of the claims in which it holds direct or indirect interests and, therefore the precise area and location of the properties may be in doubt. The Company's properties may be subject to prior unregistered agreements or transfers or indigenous land claims and title may be affected by unidentified or unknown defects. Title insurance is generally not available for mineral properties and the Company's ability to ensure that it has obtained secure claims to individual mineral properties or mining concessions may be constrained. A successful challenge to the Company's title to a property or to the precise area and location of a property could cause delays or stoppages to the Company's exploration, development or operating activities without reimbursement to the Company. Any such delays or stoppages could have a material adverse effect on the Company's business, financial condition and results of operations.

Additional businesses and assets that the Company acquires may not be successfully integrated.

The Company undertakes evaluations from time to time of opportunities to acquire additional mining assets and businesses. For example, the Company recently completed the Chesser Acquisition in September 2023, and the Company spent time and effort integrating Chesser's operations and workforce during the remainder of 2023. Fortuna expects to continue to evaluate acquisition opportunities from time to time and to pursue opportunities the Company deems to be in its long-term best interest. Any such acquisitions may be significant in size, may change the scale of the Company's business, may require additional capital, and/or may expose the Company to new geographic, political, operating, financial and geological risks. The Company's success in its acquisition activities depends on its ability to identify suitable acquisition candidates, acquire them on acceptable terms, and integrate their operations successfully. Any acquisitions would be accompanied by risks such as:

- a significant decline in the relevant metal price after the Company commits to complete an acquisition on certain terms;
- the quality of the mineral deposit acquired proving to be lower than expected;
- the difficulty of assimilating the operations and personnel of any acquired companies;
- the potential disruption of the Company's ongoing business;
- the inability of management to realize anticipated synergies and maximize the financial and strategic position of the Company;
- the failure to maintain uniform standards, controls, procedures and policies;
- the impairment of relationships with employees, customers and contractors as a result of any integration of new management personnel; and
- the potential unknown liabilities associated with acquired assets and businesses.

There can be no assurance that any assets or business acquired will prove to be profitable or that the Company will be able to integrate the required businesses successfully, which could slow the Company's rate of expansion and cause the Company's business, results of operations and financial condition to suffer.

The Company may need additional capital to finance future acquisitions. There can be no assurance that such financing would be available, on favourable terms or at all. If the Company obtains further debt financing, it will be exposed to the risk of leverage and its operations could become subject to restrictive loan and lease covenants and undertakings. If the Company obtains equity financing, existing shareholders may suffer dilution. There can be no assurance that the Company would be successful in overcoming these risks or any other problems encountered in connection with such financings.

The 2021 Credit Facility contains financial covenants which the Company could fail to meet.

Under the terms of the 2021 Credit Facility, the Company is required to satisfy various affirmative and negative covenants and to meet certain financial ratios and tests. There is no assurance that in the future the Company will continue to satisfy these covenants. Furthermore, a breach of these covenants, including a failure to meet the financial tests or ratios, would likely result in an event of default under the 2021 Credit Facility unless the Company is able to obtain a waiver or consent in respect of any such breach. The Company cannot provide any assurance that a waiver or consent would be granted. A breach of any of these covenants or the inability to comply with the required financial tests or ratios could result in a default under the 2021 Credit Facility. In the event of any default under the 2021 Credit Facility, the lenders could elect to declare all outstanding borrowings, together with accrued interest, fees and other amounts due thereunder, to be immediately due and payable, which may have a material adverse impact on the Company's business, profitability or financial condition.

Temporary Restrictions on the 2021 Credit Facility

Until the determination of the Mexican Legal Proceedings (See "Three Year History and Recent Developments – 2023 Developments"), the Company has agreed with its lenders to certain temporary restrictions under the 2021 Credit Facility as follows:

Until the date that the Company receives a "positive" decision in the Mexican Legal Proceedings, the following conditions will apply:

- The Company may not exercise the \$50 million accordion feature.
- The Company must maintain a minimum liquidity balance of \$70 million. In the event that the Company fails to maintain this minimum requirement over a period of 30 days, the availability of the credit under the facility will be reduced to \$200 million. The credit availability will revert to \$250 million once the Company re-establishes the minimum liquidity balance requirement over a period of 30 days.
- The Company cannot make any cash-based permitted acquisition and investments, nor any discretionary expansionary capital expenditures.
- The Company may not make investments in or provide financial assistance to non-guaranteeing subsidiaries in excess of \$3,000,000.

In the event that: (1) the permanent injunction ceases to be in effect; (2) the Court upholds the SEMARNAT Resolution, (3) an administrative authority issues a resolution to cease operations at the San Jose Mine, or (4) a positive unappealable decision in the Mexican Legal Proceedings is not received before December 31, 2024, the availability under the 2021 Credit Facility will be reduced to nil, and an event of default will occur thereunder.

The results of the Mexican Legal Proceedings cannot be predicted with certainty due to the uncertainty inherent in litigation, including the difficulty of predicting decisions and the timing required to render decisions. Further, there can be no assurances given that a "positive" unappealable decision will be obtained by the Company in the Mexican Legal Proceedings. There can also be no assurances that the restrictions imposed by the lenders on the 2021 Credit Facility will only be temporary, which may have a material adverse impact on the Company's business, financial condition and results of operations or otherwise negatively impact the activities of the Company.

Fortuna may record impairment charges which will adversely affect financial results.

At the end of each reporting period, the Company assesses mineral properties and equipment for impairment indicators and if there are such indicators, then the Company performs a test of impairment. For the purpose of assessing impairment, assets are grouped at the lowest level for which there are separately identifiable cash inflows or cash generating units (CGUs). These are typically individual mines or development projects. Brownfields exploration projects, located close to existing mine infrastructure, are assessed for impairment as part of the

associated mine cash generating unit. An impairment loss is recognized for the amount by which the asset's carrying amount exceeds its recoverable amount.

Where an impairment loss subsequently reverses, the carrying amount of the asset or cash-generating unit is increased to the revised estimate of recoverable amount but not beyond the carrying amount, net of depreciation and amortization, that would have been determined had no impairment loss been recognized for the asset or cash generating unit in prior years.

The recoverable amounts, or fair values, of the Company's CGUs are based, in part, on certain factors that may be partially or totally outside of the Company's control. Impairment estimates are based on management's assumptions and sensitivity analyses and future outcomes may differ from these estimates.

The Company is dependent on key personnel.

The Company is dependent on a number of key management and employee personnel. The Company's ability to manage its exploration, development, construction and operating activities, and hence its success, will depend in large part on the ability to retain current personnel and attract and retain new personnel, including management, technical and skilled employees. The loss of the services of one or more key management personnel, as well as a prolonged labour disruption, could have a material adverse effect on the Company's ability to successfully manage and expand its affairs.

The Company will be required to recruit additional personnel and to train, motivate and manage its employees. The international mining industry is very active and the Company is facing increased competition for personnel in all disciplines and areas of operation, including geology and project management. In addition, as a result of pandemics or health crises, technological improvements, and the growth in work from home or hybrid employment arrangements, employees have become more mobile and available to a wider pool of employers and industries, presenting further challenges in retaining key personnel. There can be no assurance that the Company will be able to retain current personnel and attract and retain new personnel.

Incentive provisions for the Company's key executives include the granting of stock options and various share units that vest over time, which are designed to encourage such individuals to stay with the Company. However, a low Common Share price, whether as a result of disappointing progress in the Company's exploration, development, construction or operating activities or as a result of market conditions generally, could render such agreements of little value to the Company's key executives. In such event, the Company's key executives could be susceptible to being hired away by the Company's competitors who could offer a better compensation package. If the Company is unable to attract and retain key personnel, its business, financial conditions and results of operations may be adversely affected.

The Company relies on local counsel and advisors and the experience of its management and Board in foreign jurisdictions.

The Company's material mining or exploration property interests are located in Argentina, Burkina Faso, Côte d'Ivoire, Mexico, Peru and Senegal. The legal and regulatory requirements in certain of these countries with respect to mineral exploration and mining activities, as well as local business customs and practices, are different from those in Canada. The officers and directors of the Company must rely, to a great extent, on the Company's local legal counsel and local consultants retained by the Company in order to keep abreast of material legal, regulatory and governmental developments as they pertain to and affect the Company's business operations, and to assist the Company with its governmental relations. The Company must rely, to some extent, on those members of management and the Board who have previous experience working and conducting business in these countries in order to enhance its understanding of and appreciation for the local business customs and practices. The Company also relies on the advice of local experts and professionals in connection with current and new regulations that develop in respect of banking, financing, labour, litigation and tax matters in these countries. There can be no guarantee that reliance on such local counsel and advisors and the Company's management and the Board will result in compliance at all times with such legal and regulatory requirements and business customs and practices. Any such violations could result in a material adverse effect on the Company's business, financial condition and results of operations.

Certain of the Company's directors and officers may have conflicts of interest.

Certain of the directors and officers of the Company also serve as directors and/or officers of other companies involved in natural resource exploration and development and consequently there exists the possibility for such directors and officers to be in a position of conflict. To the extent that such other companies may participate in ventures that the Company may also participate in, or in ventures that the Company may seek to participate in, the Company's directors and officers may have a conflict of interest in negotiating and concluding terms respecting the extent of such participation. As a result of these potential conflicts of interests, the Company may miss the opportunity to participate in certain transactions. In all cases where the Company's directors and officers have an interest in other companies, such other companies may also compete with the Company for the acquisition of mineral property investments. Such conflicts of the Company's directors and officers may result in a material and adverse effect on its business, financial condition and results of operations.

The insurance coverage on the Company's operations may be inadequate.

The mining industry is subject to significant risks that could result in damage to, or destruction of, mineral properties or producing facilities, personal injury or death, environmental damage, delays in mining, monetary losses and possible legal liability. The Company's policies of insurance may not provide sufficient coverage for losses related to these or other risks. The Company's insurance does not cover all risks that may result in loss or damages and may not be adequate to reimburse the Company for all losses sustained. The occurrence of losses or damage not covered by insurance could have a material and adverse effect on the Company's business, operations and financial condition.

Insurance against certain environmental risks, including potential liability for pollution and other hazards as a result of the disposal of waste products occurring from production, is not generally available to companies within the mining industry. There is no assurance that the Company's insurance will be adequate to cover all liabilities or that it will continue to be available and at terms that are economically acceptable. Losses from un-insured or under-insured events may cause the Company to incur significant costs that could have a material adverse effect on its business and financial condition.

Compliance with Listing Standards.

The Company must meet continuing listing standards to maintain the listing of the Common Shares on the Toronto Stock Exchange (the "TSX") and the NYSE, including minimum trading price of such Common Shares. If the Company fails to comply with listing standards and the TSX or NYSE delists the Common Shares, the Company and its shareholders could face significant material adverse consequences, including: a limited availability of market quotations for the Common Shares; reduced liquidity for the Common Shares; a determination that the Common Shares are "penny stock," which would require brokers trading in the Common Shares to adhere to more stringent rules and possibly result in a reduced level of trading activity in the secondary trading market for the Common Shares; a limited amount of news about the Company and analyst coverage; and a decreased ability for the Company to issue additional equity securities or obtain additional equity or debt financing in the future.

Foreign Private Issuer.

The Company is a "foreign private issuer" as such term is defined in Rule 405 under the Securities Act and is permitted, under a multijurisdictional disclosure system adopted by the United States and Canada, to prepare its disclosure documents filed under the Exchange Act, in accordance with Canadian disclosure requirements. Under the Exchange Act, the Company is subject to reporting obligations that, in certain respects, are less detailed and less frequent than those of U.S. domestic reporting companies. As a result, the Company will not file the same reports that a U.S. domestic issuer would file with the SEC, although it will be required to file or furnish to the SEC the continuous disclosure documents that we are required to file in Canada under Canadian securities laws. In addition, the Company's officers, directors, and principal shareholders are exempt from the reporting and "short swing" profit recovery provisions of Section 16 of the Exchange Act. Therefore, the Company's shareholders may not know on a timely basis when the Company's officers, directors and principal shareholders purchase or sell shares, as the reporting deadlines under the corresponding Canadian insider reporting requirements are longer.

As a foreign private issuer, the Company is exempt from the rules and regulations under the Exchange Act related to the furnishing and content of proxy statements. The Company is also exempt from Regulation FD, which prohibits issuers from making selective disclosures of material non-public information. While the Company expects to comply

with the corresponding requirements relating to proxy statements and disclosure of material non-public information under Canadian securities laws, these requirements differ from those under the Exchange Act and Regulation FD and shareholders should not expect to receive in every case the same information at the same time as such information is provided by U.S. domestic companies.

In addition, as a foreign private issuer, the Company has the option to follow certain Canadian corporate governance practices, except to the extent that such laws would be contrary to U.S. securities laws, and provided that the Company discloses the requirements we are not following and describe the Canadian practices the Company follows instead. For example, the Company does not intend to follow the minimum quorum requirements for shareholder meetings as well as certain shareholder approval requirements prior to the issuance of securities under NYSE listing standards, as permitted for foreign private issuers. As a result, the Company's shareholders may not have the same protections afforded to shareholders of U.S. domestic companies that are subject to all U.S. corporate governance requirements.

The Company may lose its foreign private issuer status if a majority of the Common Shares are owned of record in the United States and the Company fails to meet the additional requirements necessary to avoid loss of foreign private issuer status, which require that the majority of both its directors and executive officers are not U.S. citizens or residents, a majority of the Company's assets are located outside the United States, and that its business be principally administered outside the United States. The regulatory and compliance costs to the Company under U.S. federal securities laws as a U.S. domestic issuer may be significantly more than the costs the Company incurs as a Canadian foreign private issuer eligible to use the multijurisdictional disclosure system. If the Company is not a foreign private issuer, it would not be eligible to use the multijurisdictional disclosure system or other foreign issuer forms and would be required to file periodic and current reports and registration statements on U.S. domestic issuer forms with the SEC, which are more detailed and extensive than the forms available to a foreign private issuer. Loss of status as a foreign private issuer could result in significant additional costs and expenses to the Company.

The Company must comply with the Sarbanes-Oxley Act.

The Sarbanes-Oxley Act ("SOX") requires an annual assessment by management of the effectiveness of the Company's internal control over financial reporting. Beginning with the Company's 2016 fiscal year, its auditor is also required to attest to the effectiveness of the Company's internal control over financial reporting. The Company may fail to maintain the adequacy of its internal control over financial reporting as such standards are modified, supplemented or amended from time to time. If this occurs, the Company may not be able to conclude, on an ongoing basis, that it has effective internal control over financial reporting in accordance with Section 404 of SOX and the Company's auditor may issue an adverse opinion on the effectiveness of its internal control over financial reporting. The Company's failure to satisfy the requirements of Section 404 of SOX on an ongoing, timely basis could result in the loss of investor confidence in the reliability of the Company's financial statements, which in turn could harm its business and negatively impact the trading price or the market value of its securities. In addition, any failure to implement required new or improved controls, or difficulties encountered in their implementation, could harm the Company's operating results or cause it to fail to meet its reporting obligations. Future acquisitions of companies, if any, may provide the Company with challenges in implementing the required processes, procedures and controls in its acquired operations. No evaluation can provide complete assurance that the Company's internal control over financial reporting will detect or uncover all failures of persons within the Company to disclose material information otherwise required to be reported. The effectiveness of the Company's processes, procedures and controls could also be limited by simple errors or faulty judgments. As the Company continues to expand, the challenges involved in implementing appropriate internal control over financial reporting will increase and will require that the Company continue to monitor its internal control over financial reporting. Although the Company intends to expend substantial time and incur substantial costs, as necessary, to ensure ongoing compliance, it cannot be certain that it will be successful in complying with Section 404 of SOX.

The Company may be responsible for corruption and anti-bribery law violations.

The Company's business is subject to the Foreign Corrupt Practices Act (the "FCPA") and the Corrupt Foreign Public Officials Act (Canada) (the "CFPOA"), which generally prohibit companies and company employees from engaging in bribery or other prohibited payments to foreign officials for the purpose of obtaining or retaining business. The FCPA also requires companies to maintain accurate books and records and internal controls, including at foreign-controlled subsidiaries. Since all of the Company's presently held interests are located in Argentina, Burkina Faso, Côte d'Ivoire, Mexico, Peru and Senegal, there is a risk of potential FCPA violations. In addition, the Company is

subject to the anti-bribery laws of Argentina, Burkina Faso, Côte d'Ivoire, Mexico, Peru and Senegal and of any other countries in which it conducts business in the future. The Company's employees or other agents may, without its knowledge and despite its efforts, engage in prohibited conduct under the Company's policies and procedures and the FCPA, the CFPOA or other anti-bribery laws for which the Company may be held responsible. If the Company's employees or other agents are found to have engaged in such practices, the Company could suffer severe penalties and other consequences that may have a material adverse effect on its business, financial condition and results of operations. The Company's Anti-Corruption Policy and other corporate policies mandate compliance with these anti-bribery laws; however, there can be no assurance that the Company's internal control policies and procedures will always protect it from fraudulent behavior or dishonesty and other inappropriate acts committed by the Company's employees and agents. As such, the Company's corporate policies and processes may not prevent all potential breaches of law or other governance practices.

The Company may be subject to legal proceedings that arise in the ordinary course of business.

Due to the nature of its business, the Company is at the date of this AIF subject to litigation and claims covering a wide range of matters that arise in the ordinary course of business and may, from time to time, be subject to regulatory investigations, claims, lawsuits and other proceedings in the ordinary course of its business. The Company's operations are subject to the risk of legal claims by employees, unions, contractors, lenders, suppliers, joint venture partners, shareholders, governmental agencies or others through private actions, class actions, administrative proceedings, regulatory actions or other litigation. Plaintiffs may seek recovery of very large or indeterminate amounts, and the magnitude of the potential loss relating to such lawsuits may remain unknown for substantial periods of time. Defense and settlement costs can be substantial, even with respect to claims that have no merit. The results of these legal proceedings cannot be predicted with certainty due to the uncertainty inherent in litigation, including the effects of discovery of new evidence or advancement of new legal theories, the difficulty of predicting decisions of judges and juries and the possibility that decisions may be reversed on appeal. The litigation process could, as a result, take away from the time and effort of the Company's management and could force the Company to pay substantial legal fees or penalties. There can be no assurances that the resolutions of any such matters will not have a material adverse effect on the Company's business, financial condition and results of operations.

General economic conditions could impact the Company's business.

Turmoil in global financial markets have at times caused a loss of confidence in global financial and credit markets. Many industries, including the precious and base metals mining industry, have been impacted by these market conditions. Some of the key impacts have included contraction in credit markets resulting in a widening of credit risk, devaluations and high volatility in global equity, commodity, foreign exchange and precious metal markets, and a lack of market liquidity. The global economic slowdown is an example of a visible risk to world financial stability. A continued or worsened slowdown in economic conditions, including, but not limited to, consumer spending, employment rates, business conditions, inflation, increasing government debt, fuel and energy costs, consumer debt levels, lack of available credit, the state of the financial markets, interest rates, and tax rates may adversely affect the Company's growth and profitability. Specifically:

- a new global credit/liquidity crisis could impact the cost and availability of financing and the Company's overall market liquidity;
- the volatility of metal prices could impact the Company's revenues, profits, losses and cash flow;
- volatile energy prices, commodity and consumables prices and currency exchange rates could impact the Company's production costs or projected economic returns; and
- the devaluation and volatility of global stock markets, which are not related to the Company's operations or assets, could impact the valuation of the Company's equity and other securities.

Restrictions and controls imposed by Governments relating to exchange rates impact the Company's operations. For example, in Argentina, the government has at times established official exchange rates that were significantly different from the unofficial exchange rates more readily utilized locally to determine process and value. The Company's investments in Argentina are primarily funded from outside of the country, and therefore conversion of foreign currencies such as the United States dollar at the official exchange rate has had the effect of reducing purchasing power and substantially increasing relative costs in an already high inflationary market. Maintaining

monetary assets in Argentine pesos exposes the Company to the risks of devaluation of the peso and high rates of inflation in Argentina.

These factors are beyond the control of the Company and could have a material adverse effect on the Company's financial condition and results of operations.

The Company may be adversely affected by operating expense exchange rate fluctuations.

The Company's activities and operations in Argentina, Burkina Faso, Côte d'Ivoire, Mexico, Peru and Senegal make it subject to foreign currency fluctuations. Although the Company uses U.S. dollars as the currency for the presentation of its financial statements, the Company's operating expenses are incurred in Mexican and Argentine Pesos, Peruvian Sol and West African CFA francs in proportions that will typically range between 30% and 45% of total expenses, depending on the country. The fluctuation of these currencies in relation to the U.S. dollar will consequently have an impact upon the profitability of the Company's mineral properties and therefore its ability to continue to finance its exploration, development and operations. Such fluctuations may also affect the value of the Company's assets and shareholders' equity. Future exploration, development and operational plans may need to be altered or abandoned if actual exchange rates for these currencies are less than or more than the rates estimated in any such future plans.

During the year ended December 31, 2023, the Company recognized an unrealized/realized foreign exchange loss of \$10.9 million primarily as a result of the devaluation of the Argentine Peso relative to the U.S. dollar. The Argentine Peso was devalued significantly in the fourth quarter, a 356% decrease compared to the beginning of the year resulting in an unrealized/realized foreign exchange loss of \$8.7 million. These losses were offset by the Company's utilization of blue-chip swaps resulting in a gain of \$12.4 million. During the year ended December 31, 2023, the Company recognized an unrealized/realized foreign exchange loss of \$1.8 million as a result of the 13% appreciation of the Mexican Peso relative to the U.S. dollar during the year. If significant changes in the relative value of the U.S. dollar compared to the Argentine Peso or the Mexican Peso continue, there can be no assurance that further losses will not be incurred.

During the year ended December 31, 2023, the Company was impacted negatively with higher costs to access foreign currency within the West Africa region. In the event that the higher costs to access foreign currency continue or increase, there can be no assurance that this will not negatively impact the Company's financial condition. .

Due to the volatility of the exchange rate for the Argentine Peso, the Company is applying additional measures in cash management to minimize potential losses arising from the conversion of funds. There can be no assurance that the Company will be successful in its cash management measures. With the capital controls currently in effect in Argentina, the Company is required to convert the equivalent value into Argentine Peso from the export sale of all gold doré from the Lindero Mine. In addition, the Company is required to obtain the prior consent of the Argentine Central Bank for the payment of cash dividends and distributions of profits out of Argentina. There can be no assurance that these capital controls will not have an adverse effect on the financial condition of the Company.

The Company faces intense competition.

The mining industry is intensely competitive in all of its phases. Much of the Company's competition is from larger mining companies with greater liquidity, greater access to credit and other financial resources, and that may have newer or more efficient equipment, lower cost structures, more effective risk management policies and procedures and/or greater ability than the Company to withstand losses. The Company's competitors may be able to respond more quickly to new laws, regulations or emerging technologies, or devote greater resources to the expansion of their operations, than the Company can. In addition, current and potential competitors may make strategic acquisitions or establish cooperative relationships among themselves or with third parties. Competition could adversely affect the Company's ability to acquire suitable new producing properties or properties for exploration and development in the future. Competition could also affect the Company's ability to raise financing to fund the exploration and development of its properties or to hire qualified personnel. The Company may not be able to compete successfully against current and future competitors, and any failure to do so could have a material adverse effect on the Company's business, financial condition or results of operations.

The Company is subject to supply chain disruptions.

The Company's ability to mine, process and sell products is critical to its operations. The Company's operations depend on the continued availability and delivery of supplies of consumables and capital items to operate efficiently. In addition to consumables, continuous supplies of energy, water, equipment and spare parts, and labour are critical to the Company's operations, the costs of which are subject to worldwide supply and demand as well as other factors beyond the Company's control. Supply chain disruptions; power outages; labour disputes and/or strikes; geopolitical activity, such as the changes to import and export tariffs in Argentina between 2020 and 2023; health emergencies in the regions where the Company operates; weather events and natural disasters could seriously harm the Company's operations as well as the operations of the Company's customers and suppliers. Further, the Company's suppliers may experience capacity limitations in their own operations or may elect to reduce or eliminate certain product lines, all of which is beyond the Company's control but could have a material adverse effect on the Company's operations and revenue. See "Risk Factors – The Company's operations are subject to political and other risks in the regions in which it operates".

Metal prices and the marketability of metals acquired or discovered by the Company may be affected by factors beyond the Company's control.

The marketability of metals acquired or discovered by the Company may be affected by numerous factors which are beyond the Company's control and which cannot be accurately foreseen or predicted, such as market fluctuations, the global marketing conditions for precious and base metals, the proximity and capacity of milling facilities, metal markets and processing equipment and government regulations, including regulations relating to royalties, allowable production, importing and exporting metals and environmental protection.

The price of silver, gold or other metals fluctuates widely and is affected by numerous factors beyond the Company's control, such as the sale or purchase of metals by various central banks and financial institutions, interest rates, exchange rates, inflation or deflation, fluctuation in the value of the United States dollar and foreign currencies, global and regional supply and demand, the political and economic conditions of major metal-producing countries throughout the world, and the cost of substitutes, inventory levels and carrying charges.

The price of the Common Shares and the Company's financial condition and exploration, development and mining activities may in the future be significantly adversely affected by declines in the price of silver, gold or other metals. Declining metal prices can impact operations by requiring a reassessment of the feasibility of a particular project. Such a reassessment may be the result of a management decision or may be required under financing arrangements related to a particular project. The continued exploration and development of or commercial production from the Company's properties may no longer be economically viable if serious price declines in the market value of silver, gold or other metals occur. Even if exploration, development or production is ultimately determined to be economically viable, the need to conduct such a reassessment may cause substantial delays or may interrupt operations until the reassessment can be completed. Depending on the price of silver, gold and other metals, cash flow from mining operations may not be sufficient and the Company's financial condition and results of operations may be adversely affected. The Company may lose its interest in, or may be forced to sell, some of its properties as a result. If any such circumstances occur, the price of the Common Shares may be significantly adversely affected.

The Company's use of derivative contracts to protect against market volatility exposes the Company to risk of opportunity loss and mark to market fair value adjustments.

The profitability of the Company's operations depends, in large part, upon gold and other commodity prices. Gold and other commodity prices can fluctuate widely and can be influenced by many factors beyond its control, including but not limited to: industrial demand; political and economic events (global and regional); gold and financial market volatility and other market factors, the popularity of cryptocurrencies as an alternative investment to gold, and central bank purchases and sales of gold and gold lending. The global supply of gold is made up of new production from mining, and existing stocks of bullion, scrap and fabricated gold held by governments, public and private financial institutions, industrial organizations and private individuals.

From time to time the Company may enter into price risk management contracts to protect against fluctuations in the prices of zinc, lead and precious metals, and changes in the prices of fuel and other input costs. These contracts could include forward sales or purchase contracts, futures contracts, purchased or sold put and call options and other derivative instruments.

There is no assurance that any hedging program or transactions which may be adopted or utilized by the Company designed to reduce the risk associated with changes in the prices of precious metals, lead, zinc or commodities will be successful.

In February 2023, the Company entered into hedging contracts equivalent to 25% of forecasted consolidated gold production for the period from February 14 to June 15, 2023. This was a requirement the Company agreed to with its lenders as part of the temporary restrictions until the Mexican Legal Proceedings are resolved. Zero cost collars were completed on 22,355 ounces of consolidated gold production with a weighted average of \$1,800 put and \$1,921 call. Although hedging may protect the Company from an adverse price change, certain hedging strategies may also prevent the Company from benefiting fully from a positive price change. The temporary hedge program resulted in a loss on derivatives of \$0.9 million.

Except as discussed above, during 2023, the Company did not enter into any new hedging contracts related to precious metals, lead, zinc or commodities.

The use of derivative instruments can expose the Company to risk of opportunity loss and may also result in significant mark-to-market fair value adjustments, which may have a material adverse effect on the Company's financial results.

Tax Audits and Reassessments.

In the normal course of business, the Company is subject to assessment by taxation authorities in various jurisdictions. Any reassessment by applicable tax authorities of the Company's tax filings and the continuation or timing of any such process is outside of the Company's control. There is a risk that applicable tax authorities may audit the Company or its subsidiaries and issue a notice of reassessment for material amounts. In the event that applicable tax authorities issue one or more additional notices of reassessment for material amounts of tax, interest and penalties, the Company is prepared to vigorously defend its position. If the Company is unable to resolve any of these matters favourably, or if applicable tax authorities issue one or more additional notices of reassessment for material amounts of tax, interest and penalties, this could have a material and adverse effect on the Company's business and its financial condition.

The Company is subject to credit risk through its VAT receivables.

The timing of the collection of Value-added tax ("VAT") receivables is uncertain as VAT refund procedures require a significant amount of information and follow-up. The Company assesses the recoverability of the amounts receivable at each reporting date which is impacted by several factors, including the status of discussions with the tax authorities, outcome of court proceedings relating to VAT claims and current interpretation of relevant tax legislation. Changes in these estimates can materially affect the amount recognized as VAT receivable and could result in an increase in other expenses recognized in the Consolidated Income Statements and Comprehensive Income. Significant judgment is required to determine the presentation of current and non-current VAT receivable. The Company is subject to credit risk through its current VAT receivables in Mexico and Burkina Faso that are collectible from the respective national governments. There can be no assurance that when VAT refunds are payable by the Authorities that they will be in the amounts that have been claimed, and that they will be paid in a regular and timely manner. As a result, this may lead to significant amounts outstanding which remain to be paid to the Company.

The Company is subject to fluctuating concentrate treatment charges and transportation costs.

The Company has entered into agreements to sell its concentrate production from the Caylloma Mine and San Jose Mine for 2024. Treatment and refinery charges for the Caylloma Mine have shown a decrease compared to 2023. At the San Jose Mine, treatment charges have shown a slight increase compared to 2023, and refinery charges have remained stable.

There is no assurance that the Company will be able to enter into smelting and refining contracts at competitive terms beyond the terms of the current applicable agreements due to economic and market conditions. The cost of transporting concentrate from both mines to off-takers is dependent on, among other things, the concentrate destination. Transportation-related costs at both the Caylloma and San Jose mines increased during 2022 and are expected to remain high in the mid-to-near term due to a number of factors, including changes in the prices of oil

and truck spare parts, and a shortage in shipping availability. Increases in rates costs would have an adverse impact on the Company's results of operations and financial condition.

The Company may not have reserved sufficient monies to cover the costs associated with reclamation.

Natural resource companies are required to close their operations and rehabilitate the lands that they mine in accordance with a variety of environmental laws and regulations. Land reclamation requirements are generally imposed on companies with mineral exploration, development and operations activity in order to minimize long-term effects of land disturbance. Reclamation may include requirements to treat ground and surface water to drinking water standards, control dispersion of potentially deleterious effluent and reasonably re-establish pre-disturbance land forms and vegetation.

In order to carry out reclamation obligations imposed on the Company in connection with exploration, development and production activities, the Company must allocate financial resources that might otherwise be spent on further exploration and development programs. The actual costs of mine closure and reclamation are uncertain and planned expenditures may differ from the actual expenditures required. There is a risk that monies allotted for mine closure land reclamation may not be sufficient to cover all risks, due to changes in the nature of the waste rock or tailings and/or revisions to government regulations. Therefore, additional funds, or reclamation bonds or other forms of financial assurance, may be required over the tenure of any of the Company's projects to cover potential risks. These additional costs may have material adverse impact on the Company's business, financial condition and results of operations. It is anticipated that Mineral Reserves at the San Jose Mine will be exhausted at the end of 2024. The Company has assigned a dedicated team to review and update a multiyear progressive mine closure and monitoring plan, which will begin its implementation during 2024. Multiple considerations are being included such as closure-related technical studies and designs, remediation of affected areas, decommissioning and removal of infrastructure, landform reshaping, revegetation, and value-added activities for the communities associated with progressive closure, repurposing, and where appropriate, long-term monitoring and maintenance, whilst adhering to strict compliance with mine closure governmental regulations and high international standards. Estimates of the total ultimate closure and rehabilitation costs for mining operations can be significant and are based principally on current legal and regulatory requirements and mine closure plans that may change materially.

The Company is dependent upon information technology systems, which are subject to disruption, damage, failure and risks with implementation and integration.

The Company's information technology systems used in its operations are subject to disruption, damage or failure from a variety of sources including without limitation, computer viruses, security breaches, cyberattacks, natural disasters and defects in design. For example, damage to computer cables can cause disruption to networks. This has occurred in recent years, and more recently in March 2024 when damage to underwater cables off the coast of Côte d'Ivoire caused disruption to internet service in western and central Africa, including Côte d'Ivoire and Burkina Faso. Cybersecurity incidents, in particular, are evolving and include, but are not limited to, malicious software, attempts to gain unauthorized access to data or machines and equipment, and other electronic security breaches that could lead to disruptions in systems, unauthorized release of confidential or otherwise protected information, the corruption of data or the disabling, misuse or malfunction of machines and equipment. Various measures have been implemented to manage the Company's risks related to information technology systems and network disruptions. However, given the unpredictability of the timing, nature and scope of information or operational technology disruptions, the Company could potentially be subject to production downtimes, operational delays, operating accidents, the compromising of confidential or otherwise protected information, destruction or corruption of data, security breaches, other manipulation or improper use of our systems and networks or financial losses from remedial actions, any of which would have a material and adverse effect on the Company's business, financial condition or results of operations.

The Company could also be adversely affected by system or network disruptions if new or upgraded information technology systems are defective, not installed properly or not properly integrated into operations. Various measures have been implemented to manage the risks related to the system implementation and modification, but system modification failures could have a material and adverse effect on the Company's business, financial condition or results of operations.

Infectious Diseases, epidemics and pandemics may adversely impact the Company's operations, financial condition and share price.

Global markets may be adversely impacted by infectious diseases, epidemic or pandemic, as was seen in relation to the COVID 19 pandemic during 2020 and 2021. That pandemic led to significant restrictions on travel, temporary business closures, mandatory quarantines, global stock market volatility, operating and supply chain delays and disruptions, and a general reduction in consumer activity.

The possibility of a new pandemic or spread of other communicable disease in areas in which Fortuna operates may result in the re-imposition of certain restrictions. For example, infectious diseases (including malaria, HIV/AIDS, tuberculosis, and the Ebola virus) are major health care issues in African countries. Workforce training and health programs are undertaken to maximize prevention awareness and minimize the impact of infectious diseases in our West Africa operations, however, there can be no assurance that this will be sufficient to adequately address these serious issues. It is difficult to predict the extent of the impact of a disease, epidemic or pandemic on the Company and its business, which will depend on future developments, including: the duration, severity and geographic spread of the communicable disease; further actions that may be taken by governmental authorities, which could include travel restrictions and the suspension of business activities, including mining; the effectiveness and timing of actions taken to contain and treat the disease, including the effectiveness and uptake of vaccines; and how quickly and to what extent normal economic conditions and operating conditions can resume. Any such widespread pandemic is likely to have material impacts on the Company's business, financial condition and results of operations.

Climate change impacts.

There is significant evidence of the negative effects of climate change on our planet and public support for climate change action has grown in recent years, as has the impetus to pursue new technologies to mitigate the effects of climate change. Governments around the world, including those in countries in which the Company operates, have responded by adopting emissions reduction targets and supporting legislation, including measures such as carbon pricing, emissions reduction initiatives and alternative energy incentives and mandates, and in some cases by requiring companies to disclose business risks and opportunities related to climate change.

Regulations relating to emission levels and energy efficiency and the disclosure related to same are becoming more stringent. Some of the costs associated with reducing emissions can be offset by changing to lower carbon emission energy source and increased energy efficiency using technological innovation. If the current regulatory trend continues, the impact of the regulations may result in increased taxes and costs at some of our operations.

In 2021, we conducted a corporate-level climate change materiality assessment where we assessed the materiality of the TCFD's climate-related risks based on the potential and likelihood for the climate change factor to impact company value over the short (0 to 1 year), medium (1 to 10 years) or long term (10+ years). During 2023, Fortuna conducted an assessment of the Company's exposure to key climate-related risks under a range of potential future climate-related scenarios. This work was designed to enhance the Company's understanding of its exposure to the Company's most significant climate-related risks and opportunities. The assessment was conducted at a high-level and is subject to certain limitations based on the quality and range of data available to the Company and other third-party sources. The assessment was focused on assessing the Company's resilience based on potential growth and considered estimated values for future production and future GHG emissions. While there is uncertainty regarding how the Company's GHG emissions, production and profits will evolve over time as we are targeting continued operational and business growth, the climate-related scenarios analysis informs the company on future potential risks.

Fortuna has grouped its risks related to climate change into two main categories: (i) physical risks; and (ii) transition risks.

Physical Risks

The physical impacts of climate change are expected to increase over time as the planet warms. There is uncertainty regarding how successful we will be as a society in mitigating global GHG emissions and accordingly how much global temperatures will increase. The physical impacts of climate change will be location-specific.

The table below provides an overview of potential impacts of climate-related physical risks to the Company and the time horizon over which they may impact the business. Our scenario analysis work in 2023 focused on developing a more detailed understanding of exposure to physical climate risks under different scenarios, with a focus on potential financial impact of a set of climate hazards on the business by considering asset value at risk.

Climate-related Risk	Time Horizon	Description of Potential Impact
Acute Physical Risk	Short Medium Long Term	- Climate change is expected to continue to cause an increase in the frequency and intensity of extreme weather events. - Potential for decreased revenue and increased operational costs due to shutdowns from extreme weather events. - Potential for decreased revenue and increased capital expenditures due to damage to facilities, infrastructure and/or critical elements of the supply chain.
Chronic Physical Risk	Medium Long Term	- Climate change is expected to continue to cause an increase in average global temperatures and cause changes to weather patterns. - Potential for decreased revenue and increased costs due to ongoing and/or worsening drought conditions. - Potential for increased capital expenditures to build new infrastructure to address resource shortages.

The analysis of physical climate risks considered the following key climate hazards: coastal flood; river flood; pluvial flood; extreme heat; tropical cyclone; wildfire; water stress and drought. The vast majority of the potential financial impact to assets is driven by drought, temperature extremes and pluvial flooding. Drought is expected to present the highest relative risk to the Company's assets, followed by temperature extremes, indicating that Fortuna's exposure is primarily to chronic physical risks.

The physical risk analysis conducted as part of Fortuna's scenario analysis work found that in the 2030s, all of Fortuna's five current mine sites have a low level of exposure to physical risk under both the medium and high emissions scenarios. The Séguéla Mine has the highest risk of physical climate risk, driven by exposure to drought and potential impacts to water expenses and production. However, overall risk exposure is still characterized as low.

The Company has implemented initiatives at its mine sites that are designed to enhance resiliency to the acute and chronic physical impacts of climate change, and the Company aims to minimize its operational water consumption and make effective use of water in its processes. Water management systems have been developed at site level and we seek to improve our water governance based on current industry practices. See "2023 ESG Performance – Climate Change and 2024 ESG Outlook".

The Company is committed to making efforts to mitigate the physical risks of climate change at its sites. However, the Company can provide no assurances that its efforts to mitigate the risks of climate change at its sites will be effective, and that the physical risks of climate change will not have an adverse impact on the Company's business, results of operations and financial condition.

Transition Risks

Carbon prices and other climate-related policies are expected to increase over time as governments take action to reduce GHG emissions aligned with commitments under the Paris Agreement. There is uncertainty regarding the speed and level of adoption and there is expected to be a variety of actions taken by different countries.

The table below provides an overview of potential impacts of climate-related transition risks to the Company and the time horizon over which they may impact the business.

Climate-related Risk	Time Horizon	Description of Potential Impact
Policy and Legal Risk	Short Medium Long Term	• Mining operations can be energy-intensive and generate significant direct GHG emissions. • Potential for increased costs due to carbon pricing, increased expenditures and impacts to earnings due to regulatory efforts to reduce GHG emissions in response to the risks posed by climate change.
Reputational Risk	Medium Long Term	• Public sentiment related to climate change is evolving and causing perceptions of certain industries to be impacted according to their perceived contribution to climate change/negative environmental impacts. In extreme circumstances, this could result in impacts to a company's social license to operate. • Potential for additional costs required to increase engagement efforts with stakeholders. • Potential for decreased revenue and increased costs associated with delays due to community protests. • Potential for increased human capital-related costs due to decreased ability to attract and retain employees. • Potential challenges accessing capital and/or adequate insurance.
Technology Risk	Medium Long Term	• Mining companies are increasingly developing and using emerging technologies (e.g., renewable energy, battery storage, data and analytics, energy-efficient technologies, advanced processes). • Potential for increased capital expenditures and costs to pilot, adopt and deploy new technologies. • Potential for decreased competitiveness if adoption of technology lags industry peers.
Market Risk	Long Term	• Changing consumer preferences and reduced demand for high-emitting products and services. • Potential for increased operational costs due to changing input prices of raw materials (e.g., fuel, water).

Fortuna operates in Mexico, Peru, Argentina, Burkina Faso and Côte d'Ivoire which have all ratified the Paris Agreement and have established various commitments to reduce GHG emissions. Peru, Argentina, Burkina Faso, Côte d'Ivoire are not OECD countries or major emerging market economies. Carbon prices in these countries are not expected to increase as rapidly or as significantly as they are in OECD countries, which is expected to reduce overall risk and exposure to carbon pricing to the Company.

Overall, management determined that the results of its scenario analysis do not suggest that the Company faces climate related risks that are significantly greater than the broader mining industry.

The Company has implemented a range of mitigation efforts, both company-wide and site-specific, in an effort to reduce exposure to climate-related risks and capture opportunities. Fortuna has set a company-wide GHG emissions reduction target, is focused on the continued development and implementation of a company-wide climate change strategy, seeks to continue to enhance the alignment of climate change disclosure investor-preferred frameworks for reporting on climate change factors, and is committed to the ongoing monitoring of evolving technology and other opportunities to improve the resource efficiency of operations and capitalizing on advances in renewable energy technologies.

The Company is committed to making efforts to mitigate the risks of climate change and to reduce its exposure to transition risks as demonstrated through the establishment of its 2030 GHG emissions reduction target. See "Sustainability Governance – Climate Change". However, there can be no assurance that the Company's efforts will

be effective or that the risks of climate change will not have an adverse impact on the Company's business, results of operations or financial condition.

Risks Relating to the Securities of the Company

The market price of the Company's Common Shares and Debentures is volatile.

In recent years, the securities markets in the United States and Canada have experienced a high level of price and volume volatility, and the market prices of securities of many mining companies have experienced wide fluctuations in price which have not necessarily been related to the operating performance, underlying asset values or prospects of such companies. In particular, the price of the Common Shares on the TSX and NYSE fluctuated significantly during the past 12 months. Additionally, the price of the Debentures on the TSX has fluctuated significantly since being listed for trading in October 2019. There can be no assurance that continual fluctuations in price will not occur prior to the maturity date on October 31, 2024.

There are many factors that may influence such volatility. Macroeconomic conditions in North America, Peru, Mexico, Argentina or West Africa and changes in the laws and regulations of these regions may have a negative effect on the development prospects, timelines or relationships for the Company's properties. Negative changes in the public's perception of the Company's prospects or of mining companies in general could cause the price of the Company's securities, including the price of the Common Shares and Debentures, to decrease dramatically. The price of the Common Shares and Debentures is also likely to be affected by short-term changes in precious metal prices or other mineral prices, currency exchange fluctuations, the Company's financial condition or results of operations and the extent of research analyst coverage of its securities.

Securities class action litigation often has been brought against companies following periods of volatility in the market price of their securities. The Company may in the future be the target of similar litigation. Securities litigation could result in substantial costs and damages and divert management's attention and resources.

Shareholders may suffer dilution as a result of future offerings of the Common Shares or securities convertible into Common Shares.

The Company may sell equity securities in future offerings (including through the sale of securities convertible into equity securities) and may issue additional equity securities to finance operations, exploration, development, acquisitions or other projects. The Company may also issue Common Shares as a result of exercises of the Company's outstanding stock options, the vesting of the Company's outstanding share units, or the conversion of the Company's Debentures. Any such convertible securities are more likely to be exercised when the market price of the Company's Common Shares exceeds the exercise price of such instruments. The Company cannot predict the size of future issuances of equity securities or the size and terms of future issuances of debt instruments or other securities convertible into equity securities. The Board has the authority to authorize certain offers and sales of additional securities without the vote of, or prior notice to, shareholders. It is likely that the Company will issue additional securities to provide capital to fund expected expenditures and growth. Any transaction involving the issuance of previously authorized but unissued Common Shares, or securities convertible into Common Shares, would result in potentially substantial dilution to shareholders.

The market price of the Common Shares and Debentures could decline as a result of future issuances or sales of the Company's securities, which could result in insufficient liquidity.

The market price of the Common Shares and Debentures could decline as a result of issuances of securities by the Company or sales by its existing shareholders of Common Shares or Debentures in the market, or the perception that these sales could occur. The issuance of Common Shares upon the exercise of the Company's outstanding stock options and Common Share purchase warrants or the vesting of the Company's outstanding share units may also reduce the market price of the Common Shares. Additional Common Shares, Debentures, stock options, Common Share purchase warrants and share units may be issued in the future. A decrease in the market price of the Common Shares could adversely affect the liquidity of the Common Shares on the TSX and the NYSE. Additionally, a decrease in the market price of the Debentures could adversely affect the liquidity of the Common Shares on the TSX. The Company's shareholders may be unable, as a result, to sell significant quantities of the Common Shares or Debentures into the public trading markets. The Company may not, as a result, have sufficient liquidity to meet the continued listing requirements of the TSX and the NYSE. Sales of the Common Shares or Debentures by shareholders

might also make it more difficult for the Company to sell equity or debt securities at a time and price that it deems appropriate, which may have a material adverse effect on the Company's business, financial conditions and results of operations.

The Company has never paid, and does not currently anticipate paying, dividends.

The Company has paid no dividends on the Common Shares since incorporation and does not anticipate paying dividends in the immediate future. The payment of future dividends, if any, will be reviewed periodically by the Board and will depend upon, among other things, conditions then existing including earnings, financial conditions, cash on hand, financial requirements to fund its commercial activities, development and growth, and other factors that the Board may consider appropriate in the circumstances.

Risks related to the Debentures of the Company.

The terms of the Debentures are governed by the terms and conditions set out in the Debenture indenture between the Company and Computershare Trust Company of Canada entered into on October 2, 2019 (the "**Indenture**"). The Debentures mature on October 31, 2024. The Indenture provides, among other things, for the repurchase, conversion and redemption of the Debentures in certain circumstances and the Company agrees to certain restrictive and affirmative covenants which are set out in the Indenture. Under the terms of the Indenture, there is a risk that the Company may choose to redeem the outstanding Debentures for Common Shares or to repay outstanding principal amounts thereunder at maturity of the Debentures by issuing additional Common Shares. Additionally, the Debentures are subordinate to all senior indebtedness of the Company. If the Company becomes bankrupt, liquidates its assets, reorganizes or enters into certain other transactions, the Company will be able to pay its obligations with respect to the Debentures only after it has paid senior indebtedness and any other secured indebtedness in full. There may be insufficient assets remaining following such payments to pay amounts due on any or all of the Debentures then outstanding. The Indenture does not restrict the Company from incurring additional indebtedness for borrowed money or otherwise from mortgaging, pledging or charging its real or personal property or properties to secure any indebtedness or other financing. A holder of a Debenture will be subject to such terms and conditions, as further described in the Indenture. A full copy of the Indenture is available under the Company's SEDAR+ profile at www.sedarplus.ca.

Foreign investors may find it difficult to enforce judgments against the Company.

The Company is incorporated under the laws of British Columbia, Canada and the majority of the Company's directors and officers are not residents of the United States. Because all or a substantial portion of the Company's assets and the assets of these persons are located outside of the United States, it may be difficult for U.S. investors to effect service of process within the United States upon the Company or upon such persons who are not residents of the United States, or to realize in the United States upon judgments of U.S. courts predicated upon civil liabilities under U.S. securities laws. A judgment of a U.S. court predicated solely upon such civil liabilities may be enforceable in Canada by a Canadian court if the U.S. court in which the judgment was obtained had jurisdiction, as determined by the Canadian court, in the matter. Investors should not assume that Canadian courts: (i) would enforce judgments of U.S. courts obtained in actions against the Company or such persons predicated upon the civil liability provisions of the U.S. federal securities laws or the securities or blue-sky laws of any state within the United States, or (ii) would enforce, in original actions, liabilities against the Company or such persons predicated upon the U.S. federal securities laws or any such state securities or blue-sky laws. There is substantial doubt whether an original action could be brought successfully in Canada against any of such persons or the Company predicated solely upon such civil liabilities.

Furthermore, many of the subsidiaries of the Company and its assets are located outside of Canada. Accordingly, it may be difficult for investors to enforce within Canada any judgments obtained against the Company, including judgments predicated upon the civil liability provisions of applicable Canadian securities laws. Consequently, investors may be effectively prevented from pursuing remedies against the Company under Canadian securities laws or otherwise.

Material Mineral Properties

The Company has five material mineral properties:

Séguéla Mine: The mine produces gold and is located in the Region of Worodougou in northwestern Côte d'Ivoire. In 2023, the mine produced 78,617 ounces of gold since its first gold pour in May 2023. The Company filed a technical report on this property in February 2024, effective December 31, 2023. The executive summary of the technical report is attached as Schedule "A" to this AIF. See also "2024 Recent Developments" for a description of exploration work conducted subsequent to the date of the technical report.

Yaramoko Mine: The mine produces gold and is located in the Province of Balé in southwestern Burkina Faso. The mine produced 117,711 ounces of gold in 2023. The Company filed a technical report on this property in March 2023, effective December 31, 2022. The executive summary of the technical report is attached as Schedule "B" to this AIF. See also "2023 Developments" for a description of exploration work conducted subsequent to the date of the technical report.

Lindero Mine: The mine produces gold and is located in the Province of Salta, northern Argentina. The mine produced 101,238 ounces of gold in 2023. The Company filed a technical report on this property in March 2023, effective December 31, 2022. The executive summary of the technical report is attached as Schedule "C" to this AIF.

San Jose Mine: The mine produces silver and gold and is located in the State of Oaxaca, southern Mexico. The mine produced 4,656,631 ounces of silver and 28,559 ounces of gold in 2023. The Company filed a technical report on this property in March 2024, effective December 31, 2023. The executive summary of the technical report is attached as Schedule "D" to this AIF.

Caylloma Mine: The mine produces silver, zinc and lead and is located in the Caylloma District of Arequipa in southern Peru. The mine produced 1,227,060 ounces of silver, 55,060,450 million pounds of zinc and 40,851,657 million pounds of lead in 2023. The Company filed a technical report on this property in February 2024, effective December 31, 2023. The executive summary of the technical report is attached as Schedule "E" to this AIF.

See also "*Three Year History and Recent Developments – Mineral Reserve and Mineral Resource Estimates*" herein for further information regarding the Company's material properties.

Non-Material Mineral PropertiesDiamba Sud Project

The 53.4 km² Diamba Sud Project is situated within the highly prospective Senegal-Mali Shear Zone orogenic belt in Senegal and is associated with north north-east trending fertile splays. The Diamba Sud Project is owned by Boya SA, which is an indirect wholly-owned subsidiary of Fortuna that was acquired in September 2023 pursuant to the Chesser Acquisition. Drilling commenced on the property in October 2023 with an initial 10,945 meter three-drill rig program, which has since been extended to a 42,700 meter reverse circulation and diamond drilling campaign. The program is intended to confirm the historical estimate for the Diamba Sud Project (which was prepared in accordance with the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (2012 edition) published by the Joint Ore Reserves Committee of the Australian Institute of Mining and Metallurgy, the Australian Institute of Geoscientists and the Minerals Council of Australia), and to test for extensions to the existing historic resource in support of project development and advancing further economic studies on the project and incorporating same into a resource model to be prepared towards the end of 2024.

DIVIDENDS

The Company has not to date paid any dividends on its Common Shares nor does it intend to pay any dividends on its shares in the immediate future as management anticipates that all available funds will be invested to finance

further acquisition, exploration and development of its mineral properties and to repay outstanding debt obligations.

The Company initiated an NCIB in 2022, and from the commencement of the share repurchase program to December 31, 2023, in accordance with the Company's NCIB, the Company repurchased an aggregate of 2,201,404 Common Shares at a weighted average price of \$2.69 per share via open market purchases through the facilities of the NYSE for a total repurchase value of approximately \$5.9 million, all of which shares were subsequently returned to treasury and cancelled. See "General Developments of the Business – 2022 Developments". Subsequent to December 31, 2023, the Company repurchased additional Common Shares - see "General Developments of the Business – 2024 Recent Developments".

DESCRIPTION OF CAPITAL STRUCTURE

Common Shares

The Company's authorized share capital is an unlimited number of Common Shares without par value. All Common Shares of the Company rank equally as to dividends, voting powers and participation in assets and in all other respects.

Voting

The holders of Common Shares are entitled to receive notice of, attend and vote at any meeting of the shareholders of the Company. Each Common Share carries one vote per share. There are no voting right ceilings attached to the Common Shares.

Dividends

The holders of Common Shares are entitled to receive on a pro-rata basis such dividends as the Board from time to time may declare, out of funds legally available therefor.

Rights on Dissolution

In the event of a liquidation, winding-up or dissolution of the Company, whether voluntary or involuntary or for the purpose of a reorganization or otherwise or upon any distribution of capital, the holders of the Common Shares have the right to receive on a pro-rata basis all of the assets of the Company remaining after payment of all of the Company's liabilities.

Pre-emptive, Conversion and Other Rights

No pre-emptive, redemption, retraction, exchange, sinking fund or conversion rights are attached to the Common Shares, and the Common Shares, when fully paid, will not be liable to further call or assessment. No other class of shares may be created without the approval of the holders of the Common Shares.

Debentures

In October 2019, the Company issued \$46 million aggregate principal amount of Debentures by way of a public offering at a price of \$1,000 per Debenture. The Debentures are senior subordinated unsecured convertible securities of the Company. Refer to "*Three- Year History- Recent Developments and Financings*".

The Debentures mature on October 31, 2024 and bear interest at a rate of 4.65% per annum, payable semi-annually in arrears on the last business day of April and October in each year, commencing on April 30, 2020. The Debentures are convertible at the holder's option into Common Shares at a conversion price of US\$5.00 per share, representing a conversion rate of 200 Common Shares per US\$1,000 principal amount of Debentures, subject to adjustment in certain circumstances. The Debentures are governed by way of a debenture indenture (the "**Indenture**") between

the Company and Computershare Trust Company of Canada dated October 2, 2019. The Debentures are transferable and are listed for trading on the TSX.

Adjustment of Conversion Price

The Indenture provides for the adjustment of the conversion price upon certain events including: (i) the subdivision or consolidation of the outstanding Common Shares; (ii) the issue of Common Shares or securities convertible into Common Shares by way of stock dividend or other distribution to all or substantially all holders of Common Shares; (iii) the issue of rights, options or warrants to all or substantially all of the holders of Common Shares entitling them to acquire Common Shares or other securities convertible into Common Shares in certain circumstances and (iv) the distribution to all or substantially all holders of Common Shares of any other class of shares, rights, options or warrants, evidences of indebtedness or assets, at less than 95% of the then Current Market Price (as defined below) of the Common Shares.

Redemption

The Debentures were not redeemable (a “**Redemption**”) by the Company prior to October 31, 2022, unless certain conditions were satisfied following a Change of Control (as defined below). Between November 1, 2022 and prior to October 31, 2023, the Debentures were redeemable by the Company, in whole or in part from time to time, on not more than 60 days and not less than 30 days prior notice (a “**Redemption Notice**”), at a redemption price equal to the principal amount thereof plus accrued and unpaid interest, if any, up to but excluding the date set for Redemption, provided that the arithmetic average of the volume weighted average trading price of the Common Shares (as defined herein) on the NYSE for the 20 consecutive trading days ending five trading days prior to the date on which the Redemption Notice is provided (the “**Current Market Price**”) is at least 125% of the conversion price, subject to regulatory approval. On or after October 31, 2023 and prior to the maturity date, the Debentures may be redeemed in whole or in part at the option of the Company on not more than 60 days and not less than 30 days prior notice, at a price equal to their principal amount plus accrued and unpaid interest, if any, up to but excluding the date set for Redemption.

Change of Control

Within 30 days of the Company giving notice of the occurrence of: (i) the acquisition by any person or group of persons acting jointly or in concert (within the meaning of National Instrument 62-104 – *Take-Over Bids and Issuer Bids* as at the date of the Indenture) of ownership of, or voting control or direction over, 50% or more of the then outstanding Common Shares; or (ii) the sale or other transfer of all or substantially all of the consolidated assets of the Company (each, a “**Change of Control**”), the holders of the Debentures (the “**Debentureholders**”) may require the Company to repurchase their Debentures then outstanding at a price equal to 100% of the principal amount of the Debentures plus accrued and unpaid interest thereon, from and including the last Interest Payment Date (as defined in the Indenture) to, but not including the purchase date. If holders of 90% of the aggregate then outstanding principal amount of Debentures tender to the Change of Control offer, the Company will have the option to call the remaining Debentures. A Change of Control will not include a sale, merger, reorganization, arrangement or similar transaction if the previous holders of the Common Shares hold at least 50% of the voting control or direction in such merged, reorganized, arranged or other continuing entity.

In the event of an acquisition of the Company where the consideration includes 10% or more in cash or assets or shares (other than publicly traded shares), then, subject to regulatory approval, Debentureholders will be entitled to convert their Debentures within a specified timeframe, in whole or in part, and receive, in addition to the number of Common Shares that such holders are otherwise entitled to receive upon such conversion, an additional number of Common Shares per \$1,000 principal amount of Debentures converted as set forth in the Indenture.

Payment of Principal Upon Redemption of Maturity

Subject to applicable securities laws and regulatory approval and provided that no Event of Default (as defined in the Indenture) has occurred and is continuing, the Company may, at its option, elect to satisfy its obligation to pay the principal amount of the Debentures and accrued and unpaid interest on redemption or at maturity, in whole or

in part, through the issuance of freely tradable Common Shares upon at least 30 days and not more than 60 days prior notice, by issuing and delivering that number of Common Shares, as applicable, obtained by dividing the principal amount of the Debentures and all accrued and unpaid interest thereon by 95% of the Current Market Price on the date of redemption or maturity, as applicable.

MARKET FOR SECURITIES

Common Shares

The Company's Common Shares were listed and posted for trading on the TSX Venture Exchange until January 18, 2010 when the Company graduated to the TSX. On September 19, 2011, the Company's Common Shares were listed and posted for trading on the NYSE. The Company's shares currently trade on the NYSE under the symbol "FSM" and on the TSX under the symbol "FVI".

Trading Prices and Volume

The following table sets forth the monthly high and low sale prices and trading volumes of the Common Shares on the TSX and the NYSE during the fiscal year ended December 31, 2023:

Month	Toronto Stock Exchange			New York Stock Exchange		
	High (CAD\$)	Low (CAD\$)	Volume	High (US\$)	Low (US\$)	Volume
December	5.485	4.77	11,673,882	4.14	3.52	14,723,268
November	5.40	3.80	18,587,472	3.97	2.73	18,881,098
October	4.32	3.56	14,403,806	3.16	2.58	14,629,082
September	4.28	3.56	8,248,730	3.165	2.635	8,028,265
August	4.63	3.81	9,309,167	3.48	2.81	10,808,816
July	5.13	4.075	7,958,496	3.89	3.07	10,256,080
June	4.89	4.02	8,880,596	3.655	3.051	11,061,082
May	5.36	4.37	12,323,066	3.97	3.21	12,047,945
April	5.61	4.92	13,235,523	4.19	3.615	11,779,859
March	5.265	4.29	17,343,686	3.89	3.10	18,693,181
February	5.49	4.28	10,063,280	4.13	3.13	11,083,956
January	5.59	4.575	19,029,745	4.20	3.37	14,118,876

Source: Bloomberg

Debentures

The Debentures are listed for trading on the TSX under the trading symbol "FVI.DB.U."

Trading Prices and Volume

The following table sets forth the monthly high and low sale prices and trading volumes of the Debentures on the TSX during the fiscal year ended December 31, 2023:

Toronto Stock Exchange

Month	High (CAD\$)	Low (CAD\$)	Volume ⁽¹⁾
December	98.00	96.50	260
November	98.00	92.50	370
October	-	-	-
September	94.00	91.01	310
August	-	-	-
July	-	-	-
June	95.00	95.00	30
May	98.55	98.10	60
April	102.50	97.04	4,950
March	99.55	95.08	110
February	99.50	97.00	200
January	101.00	101.00	10

Source: TMX Datalinx

(1) Represents the total quantity of Debentures traded on the TSX for the applicable month.

Prior Sales

The following table summarizes the issuances of share-settled performance share units (“**PSUs**”) by the Company during the financial year ended December 31, 2023, which securities are not listed or quoted on a marketplace, and the issuances of Common Shares upon the settlement of restricted share units (“**RSUs**”), PSUs and stock options during the aforementioned year.

Date Issued	Issue/Exercise Price	Number and Type of Security Issued	Reason for Issuance
Feb. 28, 2023	CAD\$3.32	42,851 Common Shares	Settlement of RSUs
March 20, 2023	CAD\$4.69	844,187 PSUs	Grant
March 27, 2023	CAD\$4.88	127,388 Common Shares	Settlement of PSUs
April 19, 2023	US\$5.00	45,000 Common Shares	Debenture Conversion
April 20, 2023	CAD\$3.32	254,424 Common Shares	Settlement of RSUs
April 27, 2023	CAD\$7.90	191,015 Common Shares	Settlement of PSUs
July 10, 2023	CAD\$6.91	32,263 Common Shares	Settlement of PSUs
Sept. 20, 2023	US\$2.93	15,545,368 Common Shares	Chesser Acquisition
Nov. 24, 2023	CAD\$3.22	127,350 Common Shares	Stock Option Exercise

DIRECTORS AND EXECUTIVE OFFICERS**Name, Occupation and Shareholding**

The Board presently consists of eight directors. The directors will hold office until the next annual general meeting of the Company or until their successor is elected or appointed, unless their office is earlier vacated in accordance with the Articles of the Company, or with the provisions of the *Business Corporations Act* (British Columbia).

The following are the full name, place of residence, position with the Company, and principal occupation within the preceding five years of each of the directors and executive officers of the Company as at the date of this AIF:

Name, Position and Residency ⁽¹⁾	Principal Occupation or Employment ⁽¹⁾	Period as a Director of the Company
JORGE GANOZA DURANT President, Chief Executive Officer & Director Lima, Peru	President & CEO of the Company.	December 2, 2004 to present
DAVID LAING ^{(3) (5)} Chair of the Board and Director British Columbia, Canada	Mining Engineer; Independent Mining Consultant.	September 26, 2016 to present
MARIO SZOTLENDER ⁽⁵⁾ Director Caracas, Venezuela	Self-Employed Consultant and Director of several public mineral exploration or mining companies.	June 16, 2008 to present
DAVID FARRELL ^{(2) (3) (4)} Director British Columbia, Canada	President of Davisa Consulting (a private consulting company).	July 15, 2013 to present
ALFREDO SILLAU ^{(2) (3)} Director Lima, Peru	Managing Partner and Director of Faro Capital (investment management).	November 29, 2016 to present
KYLIE DICKSON ^{(2) (4)} Director British Columbia, Canada	Financial Consultant and Director of several public companies, March 2020 to present; Vice-President, Business Development of Equinox Gold Corp. and predecessors (mining), April 2017 to March 2020.	August 16, 2017 to present
KATE HARCOURT ⁽⁵⁾ Director Monmouthshire, Wales	Chartered Environmentalist; Independent Environmental and Social Advisor to the mining industry; Director of Condor Gold plc from Mar 2015 to Sep 2023, Director of Orezone Gold Corporation since 2018; Director of Atalaya Mining plc since May 2022; and ESG Officer for Cornish Lithium since Jan 2021.	July 2, 2021 to present
SALMA SEETAROO ^{(4) (5)} Director Abidjan, Côte d'Ivoire	Chief Executive Officer, Cashew Coast, since June 2021 and Ivoirienne de Noix de Cajou SA, December 2018 to March 2024 (Cashew Coast is a group of agri-processing companies including Ivoirienne de Noix de Cajou SA located in Côte d'Ivoire); non-executive director of Goviex Uranium Inc. (mining), February 2021 to present; non-executive director Algold Resources Inc. (mining) – June 2013 to June 2021; director Great Quest Fertilizer Ltd. (mining), September 2018 to March 2020.	June 27, 2022 to present
LUIS GANOZA DURANT Chief Financial Officer Lima, Peru	Chief Financial Officer of the Company.	N/A
CESAR VELASCO Chief Operating Officer – Latin America Lima, Peru	Chief Operating Officer – Latin America of the Company, Sept 2021 to present; General Manager, Minera Bateas S.A. (subsidiary of Fortuna), Nov 2018 to Aug 2021.	N/A

Name, Position and Residency ⁽¹⁾	Principal Occupation or Employment ⁽¹⁾	Period as a Director of the Company
DAVID WHITTLE Chief Operating Officer – West Africa Faro, Portugal	Chief Operating Officer – West Africa of the Company, Oct 2022 to present; VP Operations – West Africa of the Company, Oct 2021 to Sept 2022; General Manager, Yaramoko Mine of Roxgold Inc., May 2019 to July 2021; Deputy General Manager Kupol Mine of Kinross Gold Corporation, 2017 to May 2019.	N/A
ERIC CHAPMAN Senior Vice-President, Technical Services British Columbia, Canada	Senior Vice-President, Technical Services of the Company, Oct 2021 to present; Vice-President, Technical Services of the Company, Jan 2017 to Sept 2021.	N/A
PAUL WEEDON Senior Vice-President, Exploration Western Australia, Australia	Senior Vice-President, Exploration of the Company, Oct 2021 to present; Vice-President, Exploration, West Africa of the Company, July 2021 to Sept 2021; Vice-President, Exploration of Roxgold Inc., Oct 2018 to July 2021.	N/A
JULIEN BAUDRAND Senior Vice-President, Sustainability Utah, USA	Senior Vice-President, Sustainability of the Company, Dec 2021 to present; Vice-President Sustainability, West Africa of the Company, Sept 2021 to Nov 2021; Vice-President Sustainability of Roxgold Inc., June 2019 to Sept 2021.	N/A

Notes:

- (1) The information as to country of residence, principal occupation, and Common Shares held is not within the knowledge of the management of the Company and has been furnished by the respective individuals.
- (2) Member of the Audit Committee of the Company.
- (3) Member of the Compensation Committee of the Company.
- (4) Member of the Corporate Governance and Nominating Committee of the Company.
- (5) Member of the Sustainability Committee of the Company.

As at December 31, 2023, the directors and executive officers of the Company beneficially owned or had control or direction over, directly or indirectly, an aggregate of 3,127,922 Common Shares, representing approximately 1.0% of the issued Common Shares of the Company.

Cease Trade Orders or Bankruptcies

On April 3, 2017, a management cease trade order (“**MCTO**”) was issued by the British Columbia Securities Commission and other Canadian provincial securities regulatory authorities pursuant to National Policy 12-203 Management Cease Trade Orders in connection with the late filing of the Company’s annual audited financial statements and related management’s discussion and analysis for the years ended December 31, 2016 and 2015 and the AIF for the year ended December 31, 2016 (the “**Annual Documents**”). The MCTO prohibited the Chief Executive Officer and the Chief Financial Officer of the Company from trading in securities of the Company until the Company completed the required filing of the Annual Documents as well as its Interim Financial Documents (as defined below) for the first quarter of 2017, and the regulator revokes the MCTO.

The Annual Documents were filed on May 15, 2017. Due to the delay in finalizing the Annual Financial Documents, the Company was delayed in filing its interim financial statements and related management’s discussion and analysis for the three months ended March 31, 2017 and 2016 (together, the “**Interim Financial Documents**”). The Company

filed the Interim Financial Documents on May 24, 2017, and the MCTO was revoked by the British Columbia Securities Commission on May 25, 2017.

On June 22, 2020, the Autorité des marchés financiers and the Ontario Securities Commission each issued a cease-trade order against Algold Resources Inc. ("Algold") for having failed to file its annual statements for the fiscal year ended December 31, 2019. The cease trade order came into effect automatically in every jurisdiction in Canada that the company was reporting pursuant to automatic reciprocity legislation. In addition, Algold filed under the Bankruptcy and Insolvency Act in February 2021. A proposal made in the context of a notice of intention was approved by the creditors and homologated by the court on March 26, 2021. Under such proposal, Algold became a wholly-owned subsidiary of Aya Gold & Silver Inc. and ceased to be a reporting issuer, effective as of June 11, 2021. Ms. Seetaroo was a director of Algold at the time the cease trade order was issued, and at the time of the bankruptcy filing.

Other than as set forth above, as at the date of the AIF and during the 10 years prior to the date of the AIF, none of the directors or executive officers of the Company or a shareholder holding a sufficient number of securities of the Company to affect materially the control of the Company:

- (a) is or has been a director or executive officer of any company (including the Company), that while that person was acting in that capacity:
 - (i) was the subject of a cease trade order or similar order or an order that denied the relevant company access to any exemption under securities legislation, for a period of more than 30 consecutive days, other than as disclosed above;
 - (ii) was subject to an event that resulted, after the director or executive officer ceased to be a director or executive officer, in the company being the subject of a cease trade or similar order or an order that denied the relevant company access to any exemption under securities legislation, for a period of more than 30 consecutive days; or
 - (iii) within a year of that person ceasing to act in that capacity, became bankrupt, made a proposal under any legislation relating to bankruptcy or insolvency or was subject to or instituted any proceedings, arrangement or compromise with creditors or had a receiver, receiver manager or trustee appointed to hold its assets; or
- (b) has become bankrupt, made a proposal under any legislation relating to bankruptcy or insolvency, or become subject to or instituted any proceedings, arrangement or compromise with creditors, or had a receiver, receiver manager or trustee appointed to hold the assets of the director, officer and shareholder.

Penalties or Sanctions

As at the date of the AIF and during the 10 years prior to the date of the AIF, none of the directors or officers of the Company or a shareholder holding a sufficient number of securities of the Company to affect materially the control of the Company has been subject to:

- (a) any penalties or sanctions imposed by a court relating to securities legislation or by a securities regulatory authority or has entered into a settlement agreement with a securities regulatory authority; or
- (b) any other penalties or sanctions imposed by a court or regulatory body that would likely be considered important to a reasonable investor making an investment decision.

Conflicts of Interest

There are no existing or potential material conflicts of interest between the Company or any of its subsidiaries and a director or officer of the Company or any subsidiary.

AUDIT COMMITTEE

Pursuant to the provisions of National Instrument 52-110 *Audit Committees* (“**NI 52-110**”), the Company’s Audit Committee has adopted a written charter (the “**Charter**”) that sets out its mandate and responsibilities. The Charter is attached as Schedule “F” to this AIF.

The Audit Committee is presently comprised of Kylie Dickson, Alfredo Sillau and David Farrell. All members of the Audit Committee are “independent” and “financially literate”, within the meanings given to those terms in NI 52-110.

The education and experience of the Audit Committee members that is relevant to the performance of their responsibilities as Audit Committee members is as follows:

Audit Committee Member	Education and Experience
Kylie Dickson	Ms. Dickson is a Canadian Chartered Professional Accountant, Chartered Accountant (CPA,CA) with more than 15 years’ experience working with publicly traded resource companies. She received her Bachelor of Business Administration degree in Accounting from Simon Fraser University. She is the Audit Committee Chair of Hillcrest Energy Technologies Ltd. and Star Royalties Ltd., and she previously held the positions of Vice-President, Business Development of Equinox Gold Corp. and Chief Financial Officer of several mineral exploration and mining companies. Prior to her work with public companies, Ms. Dickson was an audit manager in the mining group of a major audit firm.
Alfredo Sillau	Mr. Sillau is Managing Partner and Director of Faro Capital, an investment management firm that manages private equity and real estate funds. Previously, he headed the business development in Peru for Compass Group, a regional investment management firm, until late 2011. As CEO of Compass, Mr. Sillau actively took part in the structuring, promoting and management of investment funds with approximately US\$500 million in assets under management. Mr. Sillau is a graduate of Harvard Business School. His background has given him the required experience to understand and assess the general application of the accounting principles used by the Company and to understand internal controls and procedures for financial reporting.
David Farrell	Mr. Farrell is President of Davisa Consulting, a private consulting firm working with junior to mid-tier global mining companies. He formerly was Managing Director of Mergers & Acquisitions at Endeavour Financial where he successfully closed over \$25 billion worth of M&A transactions for junior and mid-tier natural resource companies. Before his 12 years at Endeavour Financial, David was a lawyer at Stikeman Elliott LLP, working in Vancouver, Budapest and London. Mr. Farrell graduated from the University of British Columbia with a B.Comm. (Honours, Finance) and an LL.B and was called to the bar in both British Columbia and England. In addition, he has completed the ICD-Rotman Directors Education Program and been awarded the ICD.D designation. His background has given him the required experience to understand and assess the general application of the accounting principles used by the Company and to understand internal controls and procedures for financial reporting.

The auditor of the Company obtains, as necessary, the pre-approval of the Audit Committee for any anticipated additional services required of the auditor for the coming fiscal year. If other service requirements arise during the year, the Audit Committee pre-approves such services at that time, prior to the commencement of such services.

During the Company's most recently completed fiscal year, no services were performed by the Company's auditor pursuant to the *De-Minimis Non-audit Services* exemption contained in NI 52-110.

During the Company's most recently completed fiscal year, the Company's auditor performed certain non-audit services. Fees and out-of-pocket costs charged by the auditor during the last two fiscal years are as follows:

	2023	2022
Audit Fees	\$2,023,738	\$1,654,987
Audit-Related Fees	\$6,570	6,380
Tax Fees	\$2,634	47,547
All Other Fees	\$500	Nil
	\$2,033,442	\$1,708,914

"Audit Fees" are the aggregate amounts billed for the audit of the Company's consolidated annual financial statements, and review of the interim financial statements.

"Audit-Related Fees" are amounts charged for assurance and related services that are reasonably related to the performance of the audit or review of the Company's financial statements and are not reported under "Audit Fees". The amounts charged include services for attestation engagements.

"Tax Fees" are amounts for professional services rendered for tax compliance and tax advice on actual or contemplated transactions.

"All Other Fees" are amounts not included in the categories above.

LEGAL PROCEEDINGS

There are no known legal proceedings involving an amount exceeding 10% of the current assets of the Company to which the Company is a party or which any of its properties is the subject during the most recently completed financial year, or any such proceedings known to the Company to be contemplated. The Company has not been subject to any regulatory penalties or sanctions during the most recently completed financial year related to securities legislation or imposed by a court or regulatory body, nor has Fortuna entered into any settlement agreements relating to securities legislation during the most recently completed financial year.

TRANSFER AGENT AND REGISTRAR

The Common Shares are listed for trading on the TSX in Canada and on the NYSE in the United States. The Debentures are only listed for trading on the TSX. The Company's transfer agent and registrar for its Common Shares and Debentures is Computershare Trust Company, at its offices in Vancouver, BC and Toronto, ON. The Company's co-transfer agent and registrar for its Common Shares in the United States is Computershare Trust Company, N.A. at its office in Golden, Colorado.

MATERIAL CONTRACTS

Other than as disclosed in this AIF and other than those entered into in the ordinary course of the Company's business, there are no contracts that are material to the Company and that were entered into during the most

recently completed fiscal year ended December 31, 2023 or before the most recently completed financial year, but are still in effect as of the date of this AIF.

INTERESTS OF EXPERTS

Auditors

The 2023 Financial Statements have been audited by KPMG LLP, as set forth in their report of independent registered public accounting firm thereon. KPMG LLP is the independent registered public accounting firm of the Company and they have confirmed with respect to the Company that they are independent within the meaning of the relevant rules and related interpretations prescribed by the relevant professional bodies in Canada and any applicable legislation or regulations and also that they are independent accountants with respect to the Company under all relevant U.S. professional and regulatory standards.

Qualified Persons

Séguéla Technical Report

Paul Weedon, Eric Chapman, Raul Espinoza, Mathieu F. Veillette and Paul Criddle (the “**Séguéla Technical Report Authors**”), each a Qualified Person as defined by NI 43-101, prepared the Séguéla Technical Report which was filed by the Company on SEDAR+ on February 16, 2024. See “*Schedule “A” – Material Mineral Properties – Séguéla Mine, Côte d’Ivoire*”.

To the knowledge of the Company, as at the date of the Séguéla Technical Report and as of the date hereof, each of the Séguéla Technical Report Authors owns, directly or indirectly, less than 1% of the outstanding Common Shares. None of the Séguéla Technical Report Authors has received a direct or indirect interest in the property of the Company.

Yaramoko Technical Report

Paul Weedon, Matthew Cobb, Raul Espinoza and Paul Criddle (the “**Yaramoko Technical Report Authors**”), each a Qualified Person as defined by NI 43-101, prepared the Yaramoko Technical Report which was filed by the Company on SEDAR+ on March 24, 2023. See “*Schedule “B” – Material Mineral Properties – Yaramoko Mine, Burkina Faso*”.

To the knowledge of the Company, as at the date of the Yaramoko Technical Report and as of the date hereof, each of the Yaramoko Technical Report Authors owns, directly or indirectly, less than 1% of the outstanding Common Shares. None of the Yaramoko Technical Report Authors has received a direct or indirect interest in the property of the Company.

Lindero and Arizaro Technical Report

Eric Chapman, Raul Espinoza, Mathieu Veillette and Dmitry Tolstov (the “**Lindero and Arizaro Technical Report Authors**”), each a Qualified Person as defined by NI 43-101, prepared the Lindero and Arizaro Technical Report which was filed by the Company on SEDAR+ on March 28, 2023. See “*Schedule “C” – Material Mineral Properties – Lindero Mine, Argentina*”.

To the knowledge of the Company, as at the date of the Lindero and Arizaro Technical Report and as of the date hereof, each of the Lindero and Arizaro Technical Report Authors owns, directly or indirectly, less than 1% of the outstanding Common Shares. None of the Lindero and Arizaro Technical Report Authors has received a direct or indirect interest in the property of the Company.

San Jose Technical Report

Eric Chapman, Paul Weedon, Raul Espinoza, Mathieu F. Veillette and Patricia Gonzalez (the “**San Jose Technical Report Authors**”), each a Qualified Person as defined by NI 43-101, prepared the San Jose Technical Report which was filed by the Company on SEDAR+ on March 8, 2024. See “*Schedule “D” – Material Mineral Properties – San Jose Mine, Mexico*”.

To the knowledge of the Company, as at the date of the San Jose Technical Report and as of the date hereof, each of the San Jose Technical Report Authors owns, directly or indirectly, less than 1% of the outstanding Common Shares. None of the San Jose Technical Report Authors has received a direct or indirect interest in the property of the Company.

Caylloma Technical Report

Eric Chapman, Paul Weedon, Raul Espinoza, Mathieu F. Veillette and Patricia Gonzalez (the “**Caylloma Technical Report Authors**”), each a Qualified Person as defined by NI 43-101, prepared the Caylloma Technical Report which was filed by the Company on SEDAR+ on February 16, 2024. See “*Schedule “E” – Material Mineral Properties – Caylloma Mine, Peru*”.

To the knowledge of the Company, as at the date of the Caylloma Technical Report and as of the date hereof, each of the Caylloma Technical Report Authors owns, directly or indirectly, less than 1% of the outstanding Common Shares. None of the Caylloma Technical Report Authors has received a direct or indirect interest in the property of the Company.

Annual Information Form

Eric Chapman, Senior Vice President of Technical Services of the Company is a Qualified Person as defined by NI 43-101. To the knowledge of the Company, as of the date hereof, Eric Chapman owns, directly or indirectly, less than one percent of the outstanding Common Shares. Eric Chapman has not received a direct or indirect interest in the property of the Company.

ADDITIONAL INFORMATION

Additional information, including directors’ and officers’ remuneration and indebtedness, principal holders of the Company’s securities and securities authorized for issuance under equity compensation plans, is contained in the Company’s Management Information Circular for the most recent annual meeting of shareholders. Additional financial information is provided in the 2023 Financial Statements and the 2023 MD&A. The foregoing disclosure documents, along with additional information relating to the Company are available for viewing on SEDAR+ at www.sedarplus.ca and on EDGAR at www.sec.gov.

SCHEDULE "A"

MATERIAL PROPERTIES

Séguéla Mine, Côte d'Ivoire

The following is the Summary from the technical report (the "Séguéla Technical Report") entitled "Séguéla Gold Mine, Côte d'Ivoire", with an effective date of December 31, 2023 prepared by Paul Weedon, MAIG, Eric Chapman, P.Geo., Raul Espinoza, FAusIMM (CP), Mathieu F. Veillette, P.Eng., and Paul Criddle, FAusIMM. This Summary is subject to certain assumptions, qualifications and procedures described in the Séguéla Technical Report and is qualified in its entirety by the full text of the Séguéla Technical Report which is available for viewing on SEDAR+ at www.sedarplus.ca and is incorporated by reference in this AIF, and is also filed with the SEC on EDGAR (available at www.sec.gov). Defined terms and abbreviations used herein and not otherwise defined shall have the meanings ascribed to such terms in the Séguéla Technical Report.

1.1 Introduction

Fortuna Silver Mines Inc. (Fortuna) has compiled a Technical Report (the Report) on the Séguéla Gold Mine (the "Séguéla Mine or the Séguéla Project") located in the Worodougou Region of the Woroba District, Côte d'Ivoire.

The Séguéla open pit gold mine is operated by Roxgold Sango S.A. (Roxgold Sango), a 90 % indirectly-owned Fortuna subsidiary, with the remaining 10 % interest held by the government of Côte d'Ivoire.

The Report discloses updated Mineral Resource and Mineral Reserve estimates for the Project.

Costs are in US dollars (US\$) unless otherwise indicated.

1.2 Property Description, Location and Access

The Séguéla Mine is located approximately 500 km from Abidjan, via major highways to the town of Séguéla. The open pit mine is managed by Roxgold Sango. The operation has a relatively small surface infrastructure consisting primarily of the concentration plant, electrical power station, water storage facilities, tailings storage facility (TSF), waste dumps, stockpiles, and workshop facilities. The open pits at the Antenna, Ancien, Agouti, Boulder, Koula and Sunbird deposits are connected by unsealed roads. Additional structures located in the mine area include offices, dining hall, laboratory, core logging and core storage warehouses.

Roxgold Sango holds an exploration permit (Permis de Recherche Minière No. 638) and an exploitation permit (Permis d'Exploitation Minière No.56).

Permis de Recherche Minière No. 638, which surrounds Permis d'Exploitation Minière No.56, is a three-year permit that Roxgold Sango has exercised for a second renewal, having submitted the application on July 20, 2023, and awaiting Ministerial signature. The permit covers an area of 270.1 km².

Provided minimum expenditure requirements are met, exploration permits in Côte d'Ivoire are subject to automatic grants of renewal applications for two terms of three years each, and a special third term of no more than two years.

In addition to the Environmental Permit obtained on September 22, 2020, the exploitation permit (Permis d'Exploitation No. 56) was granted by the Council of Ministers on December 9, 2020, and signed as a decree by the President of Côte d'Ivoire (Decree No.2020-960). This permit covers an area of 353.6 km² and is valid for 10 years. The permit is thereafter renewable for successive 10-year periods. All the deposits are located on this permit.

The Séguéla Mine is accessible year-round by road vehicle. Bituminized national highways facilitate transport between Abidjan, Yamoussoukro, and the nearest major town, Séguéla (population c. 65,000). From Séguéla, unsealed roads provide access to the mine through the village of Fouio (population c. 3,000).

The Project is located within a tropical savannah climatic region on the southern margin of the Sahel savannah. This climatic zone is typified by high average temperatures, and a distinct wet season and dry season. The average annual temperature for the Séguéla Mine area is 25.3°C, with an annual average rainfall of 1,268 mm. August and September are the wettest months of the year. Mining operations are conducted year-round.

The Séguéla Project occurs in a region of low forested hills, with elevations averaging 347 m above sea level. The vegetation of the region is tropical savannah woodland. The area surrounding the Séguéla Project is extensively cropped for cashews, and to a lesser extent, cacao.

1.3 History

The Séguéla permit (Permis de Recherche Minière No. 252) was granted to a local Ivorian company, Geoservices CI in February 2012. The Project was subsequently transferred to a local Ivorian joint venture company, Mont Fouimba Resource (Mont Fouimba) in late 2012. In 2013 the permit was transferred to Apollo Consolidated Ltd (Apollo), which was the 51 % shareholder in Mont Fouimba, with Geoservices CI holding the remaining 49 % interest. In February 2016, Apollo announced the signing of an Option to Purchase Agreement by Newcrest Mining Ltd (Newcrest), for the Séguéla Project. Newcrest acquired the adjacent permit (Permis de Recherche Minière No. 638) on 19 October 2016. In February 2017, the permit was transferred to LGL Exploration CI S.A; a wholly-owned Newcrest subsidiary. In April 2019, Roxgold Inc. (Roxgold) acquired the Séguéla Project from Newcrest through the acquisition of LGL Exploration CI S.A. In July 2021 Roxgold was acquired by Fortuna.

On 23 July 2020, Roxgold through its wholly-owned local entity LGL Exploration CI SA, lodged an application for an exploitation permit (Permis d'Exploitation No. 56). Permis d'Exploitation No. 56 effectively replaced Permis de Recherche Minière No. 252. LGL Exploration CI SA subsequently transferred Permis d'Exploitation No. 56 to Roxgold Sango by Ministerial Order dated May 25, 2021.

Prior to this period, there is evidence to suggest that the ground contained within permit no. 252 was held by Randgold Resources (Randgold), with press releases from Apollo referring to trenching completed by Randgold over the Gabbro, Porphyry and Agouti prospects within the current permit limits.

Roxgold Sango commenced construction of the mine in September 2021 with commissioning activities starting in April 2023 and the first gold doré pour occurring on May 24, 2023.

1.4 Geology Setting, Mineralization and Deposit Types

The Séguéla Project is situated within the Paleoproterozoic (Birimian) Baoule-Mossi Domain of the West African Craton. Two cycles of volcanism/sedimentation are recognized within the Birimian rocks of the Baoule-Mossi Domain; each followed by a period of orogenesis, and together described as the Eburnian Orogeny which is dated c. 2.19–2.08 Ga. Rocks of the Baoule-Mossi Domain are primarily polyphase granitoids, and volcano-sedimentary sequences forming granite-greenstone terranes. The first cycle of sedimentation and orogenesis (Eburnian 1) is described by the accumulation of volcanic and volcanoclastic rocks; then subsequently intruded by early stage granitoids. Following a period of uplift and erosion, the Eburnian 2 cycle is described by the filling of intra-montane basins with predominantly arenaceous sediments of the Tarkwaian Series.

The Antenna deposit occurs within a greenstone package deposited during Eburnian 1, that comprises (west to east) an ultramafic hangingwall, which is in presumed fault contact with an interlayered package of felsic volcanoclastic rocks and flow banded rhyolitic units, which are then in contact with a mafic (basaltic) footwall unit. The faulted contacts between the mafic/ultramafic units and the felsic assemblage converge to the south of the deposit forming a wedge shape to the felsic package.

The Antenna deposit is considered to be an example of an orogenic lode-style gold system, hosted by a brittle-ductile quartz-albite vein stockwork predominantly contained within flow banded rhyolite units. The stockwork lode varies in width roughly in proportion with the widths of the rhyolitic units that host it (approximately 3–40 m) and extends over a strike length of approximately 1,350 m. Stockwork veins that host mineralization show two principal orientations: steep east-dipping and steep west-dipping. Veins in the steep west-dipping orientation range from tectonically folded to undeformed, while veins in the east-dipping direction may be variably boudinaged to undeformed. This evidence suggests syn-deformational emplacement of the vein sets during west and east movement along the main fault structures within the region. Mineralization occurs as free gold, associated with pyrite and pyrrhotite. Alteration assemblages associated with this mineralization assemblage vary from proximal intense silica-albite ± biotite ± chlorite alteration, through medial silica-albite-sericite ± chlorite assemblages, to more distal sericite-carbonate (ankerite/calcite) and carbonate-magnetite assemblages. Pyrite is the dominant sulfide associated with higher-grade mineralization within proximal alteration zones, while sulfide mineralogy is pyrrhotite-dominated in medial and distal assemblages and is associated with lower-grade gold mineralization.

The Ancien deposit is associated with an interpreted D2 sinistral shear zone, informally referred to as the Ancien shear, within the east domain. The host lithologies comprise (from west to east) a chloritic pillow basalt footwall overlain by a foliated/sheared tholeiitic basalt unit, which is in turn overlain by a second chloritic pillow basalt hanging wall unit that is gradational into a coarser grained porphyritic basalt unit. Generally narrow quartz-feldspar-biotite porphyries crosscut and intrude all other lithologies and are interpreted as late-stage intrusions.

Both the Koula and Sunbird deposits are situated within the same package of mafic rocks as the Ancien deposit, which is informally referred to as the Ancien-Koula corridor. Similar to Ancien, both Koula and Sunbird are hosted within a strongly foliated/sheared tholeiitic basalt unit within a broader sequence of pillow basalt.

At the Ancien, Koula, and Sunbird deposits, significant mineralization is restricted to the more reactive and competent tholeiitic basalt unit and is best developed in zones of strong brittle-ductile brecciation and shearing, with selective sericite $\pm$ silica alteration and intense quartz and quartz-carbonate veining. Mineralization occurs as free gold, predominantly as small grains within microfractured milky-white quartz veins and associated with pyrite and lesser pyrrhotite at Ancien, that trends to being more pyrrhotite dominant at Koula. Generally lower-grade mineralization is also developed at the margins of felsic porphyries that intrude the tholeiitic basalt, and in zones of increased brecciation and veining within these porphyries.

The Boulder and Agouti deposits are both located within a distinct northerly-trending litho-structural corridor that extends from Boulder in the south to the Gabbro prospect in the north. Regional mapping has defined a broad package of pillow basalts and intercalated basaltic sediments, flanked to the west by a discontinuous gabbro unit and regionally extensive doleritic sequence. The basaltic units are extensively intruded by quartz-feldspar-biotite porphyritic felsic intrusions.

Gold mineralization at the Boulder and Agouti prospects is associated with strongly foliated or mylonitized, quartz/quartz-carbonate veined basalt and the margins of the felsic intrusions. Generally lower-grade mineralization occurs internal to the felsic intrusions where they are brecciated or extensively veined. The highest gold grades generally correlate with the intersection of north-northeast- and northwest-trending structures. Mineralization occurs as free gold within a network of milky white quartz veins and associated with foliation or quartz/quartz-carbonate vein-controlled pyrite and minor pyrrhotite.

1.5 Exploration, Drilling and Sampling

Exploration has been undertaken by Randgold (pre-2012), Apollo (2012–2016), Newcrest (2016–2017) and Roxgold Sango (2019 onwards).

Exploration activity included construction of a 40-person exploration camp and core storage/logging facilities, geological mapping, purchase and interpretation of aeromagnetic data, soil, trench, and artisanal dump sampling, and aircore (AC) and reverse circulation (RC) drilling. Xcalibur Airborne Geophysics Pty Ltd of South Africa conducted an aeromagnetic survey across the Project area in December 2019 and January 2020, with the results used to further enhance the prospectivity mapping and structural understanding of the mineralization controls.

As of the effective date of the Report, Roxgold Sango has completed 248,483 m of RC and core drilling (DD) since Roxgold Inc.'s acquisition of the Séguéla Project in April 2019 from Newcrest. Roxgold Sango has an ongoing program of reconnaissance AC and RC drilling across the Project area as new prospects are identified. Those prospects that demonstrate suitable mineral continuity and grade are advanced with additional drilling to improve confidence and to provide suitable samples for metallurgical and geotechnical testing. Projects that have advanced to resource definition (RC and DD) drilling include the Antenna, Ancien, Agouti, Boulder, Koula and Sunbird deposits. Core drilling typically used HQ sized core (63.5 mm diameter) until the final hole depth is reached. A reduction to NQ (47.6 mm diameter) may rarely be required if poor ground conditions are encountered. Down-hole deviation was monitored using a Reflex Instruments device at 12-m intervals and then at 30-m intervals thereafter. Core recoveries are high, averaging 99 %, reflecting the competent nature of the host lithologies.

Drill collar surveys were carried out using a site based differential global positioning system (DGPS) instrument that was calibrated with the regional geodesic system.

Downhole surveys generally used Reflex EZ-GYRO downhole camera, with the Reflex EZ-SHOT retained for backup and survey check purposes. Instruments were provided by the drilling contractor and calibrated prior to use on site.

DD holes were generally drilled on patterns of 25 to 30 m centers to support potential classification as Indicated Mineral Resources and approximately 50 m centers for Inferred Mineral Resources.

Sampling of core was performed by Roxgold Sango personnel. From the drill site, core was transported by truck to a secure logging facility at the Roxgold field office where it was photographed and logged by a geologist. Selective sampling was employed where, at the discretion of the geologist, samples were collected from visible alteration or vein zones outside of the expected intercepts. All core was sampled at 1.0 m intervals, except where a significant geological change occurred. Core was cut in half lengthwise using an electrical rock saw. Half of the sample was placed inside a labelled plastic sample bag. The remaining half was returned to the core box for archiving. Samples were then inserted into woven polypropylene bags prior to being transported by truck to the preparation and assay laboratory.

Roxgold Sango implemented logging onto Maxwell LogChief data capture software in 2019, enabling the direct capture and traceability of logging data via dropdown menus and pre-set codes to promote data hygiene. Prior to 2019, all logging was onto pre-set excel spreadsheets before importation into the database. Reviews of the logging data and associated model interpretation are carried out on a regular basis by the site senior geological team and on each QP site visit.

Samples were submitted to ALS Laboratories (ALS) in Yamoussoukro for preparation and analysis. Core samples received by ALS are passed through a primary crush via oscillating jaw crushers to a >70% pass through a <2 mm size. The AC, RC and DD samples are then passed through a riffle splitter to achieve a 250 g split. This split material is pulverized in its entirety to a >85% pass through 75 µm. This pulp is then rolled on a plastic sheet for homogenization, and an aliquot is taken to fill a paper Geochem bag (approximately 200 g).

Prepared samples from the Yamoussoukro laboratory were then shipped via commercial courier to ALS's analytical facility in either Ouagadougou, Burkina Faso, or Kumasi, Ghana.

Samples submitted for assay were analyzed by ALS by fire assay of a 50 g charge using an atomic absorption spectroscopy (AAS) finish (ALS code Au-AA24). Samples returning >10,000 ppb Au were reanalyzed by fire assay of a 50 g charge with a gravimetric finish (ALS code Au-GRA22). From December 2019, all samples with visible gold noted in drill hole logging, or returning >50,000 ppb Au from the routine fire assay analysis, were also analyzed by the screen fire assay technique (ALS code Au_SCR24 – 106 µm metal screen) to determine the percentage of gold present in the coarse fraction versus the fine fraction. These analytical techniques are considered total and appropriate for the style of mineralization. Results of the screen fire analysis as of the effective report date indicate a reasonable correlation with the primary fire assay analysis.

ALS laboratories are independent of Roxgold Sango. ALS maintain certification in accordance with the most relevant quality certification standards for the activities which they undertake, namely ISO9001:2015 for survey/inspection activity and ISO 17025:2005 UKAS ref 4028 for laboratory analysis. Other than initial sample collection splitting and bagging at the Séguéla Mine, Roxgold Sango personnel and its consultants and contractors were not involved in the laboratory sample preparation and analysis.

Assay data are electronically reported from the laboratory in Microsoft Excel and pdf format and imported into the database after validation, along with the corresponding assay certificates.

The quality assurance/quality control (QAQC) program involves establishing appropriate procedures and the routine insertion of certified reference material (CRMs), blanks, and duplicates to monitor the sampling, sample preparation and analytical process. Evaluation of the QAQC data indicates that the analytical data are sufficiently accurate and precise to support the Mineral Resource and Mineral Reserve estimation.

1.6 Data Verification

Roxgold Sango staff follow a stringent set of procedures for data storage and validation, performing verification of data on a monthly basis. The operation employs a Database Administrator who is responsible for overseeing data entry, verification and database maintenance. A separate Database Auditor is responsible for performing a detailed independent review of the database on a quarterly basis and submitting a report to Fortuna management detailing the findings. Any issues identified are immediately resolved by the administrator.

Data used for the Mineral Resource estimation are stored in the commercial SQL database system Datashed, which hosts both mine-related data and drilling related results (exploration and infill drilling).

As a component of the 2023 Mineral Resource estimate, a preliminary validation of the database was performed by the Database Administrator in June 2023. The database has a series of automated import, export, and validation

tools to minimize potential errors. Any inconsistencies identified were corrected during the analysis with the database then handed over in Microsoft Access format to the QP for final review on June 30, 2023.

In addition, data verification by the QP was also conducted through the inspection of selected drill core to assess the nature of the mineralization and to confirm geological descriptions as well as the inspection of geology and mineralization in open pit workings of the Antenna deposit.

A series of plan and cross sections were generated displaying the lithologic and mineralization interpretation by the Roxgold Sango geology and exploration departments and reviewed by the QP.

Mr. Veillette has performed an internal audit on the TSF, water management, waste dump and open pit geotechnical/hydrological aspects. Mr. Veillette is of the opinion that geotechnical and hydrogeology studies are of a sufficient level to support the estimation of Mineral Reserves and Mineral Resources.

Mr. Criddle has reviewed the extensive body of metallurgical investigation comprising several phases of testwork and, in addition, has been personally involved in the development and construction of the Séguéla Mine. In the opinion of the Mr. Criddle, the Séguéla metallurgical samples tested, and the ore that is presently treated in the plant are representative of the orebody as a whole in respect to grade and metallurgical response. Differences between deposits are minimal with regard to metallurgical recovery.

The QPs are of the opinion that the data verification programs performed on the data collected by Roxgold Sango are adequate to support the geological interpretations, the analytical and database quality, and Mineral Resource and Mineral Reserve estimation at the Séguéla Gold Mine.

1.7 Mineral Processing and Metallurgical Testing

Previous owner, Newcrest, conducted a round of Leachwell assay test work on 61 samples from drill hole SGDD001 in 2018. Comparison of the Leachwell tests to fire assays for the samples set (four-hour bottle roll used for leach testing of a nominal 1 kg sample) demonstrated a near 1:1 correlation of results. This was used to conclude that the material is non-refractory, and therefore amenable to standard carbon-in-leach (CIL) treatment for extraction.

Roxgold supervised the metallurgical testing work completed by the ALS Metallurgy assay lab in Perth, Australia on representative samples from the Antenna, Agouti, Boulder, Ancien, Koula and Sunbird deposits between 2019 to 2023. Seven test work programs were performed.

As the Antenna deposit hosts the majority of the estimated Mineral Reserves and this ore will be the majority of mill feed ore projected for the life-of-mine plan (LOMP). As a result, this mineralization was examined more comprehensively and represents the basis for the mineral processing design criteria. Satellite deposits in the form of the Agouti, Boulder, Ancien, Koula and Sunbird were also tested throughout the seven programs for confirmation purposes and in support of Mineral Resource and Mineral Reserve estimation. Test work included comminution test work, head assays, mineralogical analysis, grind establishment test work, gravity gold recovery and cyanide leach test work, flotation test work, carbon adsorption test work, oxygen uptake test work, preg-robbing test work, cyanide detox test work, sedimentation and rheology test work, and acid mine drainage test work.

Samples tested were reasonably competent with average Bond rod and ball mill work indices of 21.8kWh/t and 19.7 kWh/t respectively. The results showed the mineralization was amenable to a simple comminution circuit design.

The test work showed that leaching is substantially complete within 24 hours and there is no apparent preg-robbing or refractory characteristics in the ores tested. Furthermore, it showed a fast-initial leaching rate with more than 80% of the stage extraction completed within the first two hours of cyanidation. The highest gold recovery was achieved for tests incorporating gravity recovery and elevated dissolved oxygen levels for the duration of the leach.

The ore tested across all deposits exhibited a degree of grind sensitivity with an optimal grind size of 75 µm selected for all extraction test work. The results of that program were very encouraging, indicating free milling of the ore with good leach kinetics and overall recoveries averaging 94.5 %.

A single stage semi-autogenous grind (SAG) circuit followed by gravity concentration and cyanidation of the gravity tailings was the configuration adopted for the process plant.

It is the opinion of the QP that an average gold recovery of 94.5 % can be expected, based on the life-of-mine average gold grade of 3.06 g/t.

1.8 Mineral Resource Estimates

Roxgold Sango, under the supervision of the QP, has completed Mineral Resource estimates for the Antenna, Ancien, Agouti, Boulder, Koula and Sunbird deposits based on the drill hole data available to June 30, 2023 and reported as of December 31, 2023, taking into account production related depletion to this date.

The Mineral Resources are reported insitu, using the 2014 CIM Definition Standards, exclusive of those Mineral Resources converted to Mineral Reserves. Mineral Resources that are not Mineral Reserves do not have demonstrated economic viability. A summary of the Mineral Resources is presented in Table 1.

Table 1: Mineral Resources as of December 31, 2023

Indicated Mineral Resources		COG (g/t Au)	Tonnes (Mt)	Au (g/t)	Au (koz)
Open pit	Antenna	0.55	1.33	1.32	57
	Agouti	0.65	0.30	1.69	16
	Ancien	0.65	0.19	2.79	17
	Koula	0.60	0.05	5.84	10
	Boulder	0.60	0.43	1.13	16
	Sunbird	0.55	0.55	1.77	31
	Total	0.55–0.65	2.86	1.60	147
Underground	Ancien	2.40	0.19	3.79	23
	Koula	2.40	0.04	4.54	7
	Sunbird	2.40	1.56	4.05	203
	Total	2.40	1.80	4.03	233
Total Indicated Mineral Resources			4.66	2.54	381

Inferred Mineral Resources		COG (g/t Au)	Tonnes (Mt)	Au (g/t)	Au (koz)
Open pit	Antenna	0.55	1.73	1.61	90
	Agouti	0.65	0.05	1.53	2
	Ancien	0.65	0.02	0.89	1
	Koula	0.60	0.37	4.44	53
	Boulder	0.60	0	-	-
	Sunbird	0.55	0.02	2.29	2
	Total	0.55–0.65	2.19	2.09	147
Underground	Ancien	2.40	0.15	3.82	19
	Koula	2.40	0.29	3.24	30
	Sunbird	2.40	0.42	3.62	49
	Total	2.40	0.86	3.53	98
Total Inferred Mineral Resources			3.05	2.50	245

Notes:

- Mineral Resources are reported insitu, using the 2014 CIM Definition Standards.
- Mr. Eric Chapman, P.Geo., is the Qualified Person responsible for Mineral Resources and is a full time employee of Fortuna Silver Mines Inc.
- Mineral Resources are reported as of December 31, 2023.
- Mineral Resources are reported on a 100 % basis. Fortuna holds a 90 % interest in the Séguéla Gold Mine. The remaining 10 % interest is held by the State of Côte d'Ivoire.
- Mineral Resources are reported exclusive of those Mineral Resources modified to produce Mineral Reserves. Mineral Resources that are not Mineral Reserves do not have demonstrated economic viability.
- Mineral Resources potentially amenable to open pit mining methods are reported at a gold cut-off grade of 0.55 g/t Au for Antenna and Sunbird, 0.60 g/t Au for Koula and Boulder, and 0.65 g/t Au for Ancien and Agouti. Mineral resources are constrained within optimized pit shells.

- *Mineral Resources potentially amenable to underground mining methods are reported inside MSO shapes at a gold cut-off grade of 2.4 g/t Au based on sublevel stoping mining method.*
- *Mineral Resources are based on a gold price of US\$1,840/oz.*
- *All figures have been rounded to reflect the relative accuracy of the estimates and totals may not add due to rounding.*

Factors which may affect the Mineral Resource estimates include:

- Metal price and exchange rate assumptions.
- Changes to the technical inputs used to estimate gold content (e.g. bulk density estimation, grade interpolation methodology).
- Changes to the geological interpretation (e.g. post-mineralization dykes and structural offsets such as faults and shear zones).
- Additional depletion due to artisanal mining activities beyond those already identified and excluded from the estimate.
- Changes to geotechnical and mining assumptions, including the minimum mining thickness; or the application of alternative mining methods.
- Changes to process plant recovery estimates if the metallurgical recovery in certain domains is lesser or greater than currently assumed.
- Final negotiated terms of the Mining Convention.
- Changes to governmental regulations.
- Changes to environmental, permitting and social license assumptions.

The Mineral Resource estimates for the Antenna, Ancien, Agouti, Boulder, Koula and Sunbird deposits incorporate data from RC and DD holes to date comprising 130,566.75 m of drilling from 925 holes. Drill hole spacings range nominally from 50 x 50 m to 25 x 25 m within the modelled areas.

The Antenna, Ancien, Koula and Sunbird models were built using Datamine Studio RM software. The Agouti and Boulder models were developed using Leapfrog Geo and Datamine Studio RM software. All gold assays from drill holes were composited to 1 m intervals within the mineralized wireframes. Top-cuts were applied to individual domains based on an analysis of gold grade outliers within the statistical data populations.

Geostatistical exploratory data analysis, variogram modelling and Mineral Resource model validation was conducted using Snowden Supervisor software.

The Mineral Resource model gold grades were estimated using a combination of ordinary kriging and inverse distance weighting methods using a multiple pass approach to inform the models. Grade estimates were validated visually by sectional comparison and through statistical approaches that encompass traditional validation methods, such as swath plots comparing composite and block model values for each deposit.

Models and drill hole data use the WGS84 (Zone 29N) coordinate system. The Antenna, Ancien, Koula and Sunbird block models used parent cell sizes of 5 x 5 x 5 m, oriented variously along the ordinate axes to best align with the strike of the mineralization, with subcelling used to ensure exact filling of the domain wireframes. The Agouti and Boulder deposits used a parent cell of 2.5 x 5 x 5 m and 3.5 x 5 x 5 m, respectively in the respective XYZ axis to provide sufficient volume resolution to the modelled mineralization lodes. After gold grades had been estimated and densities assigned to the subcelled model the blocks were regularized to the parent cell size to represent the planned selective mining unit (SMU) size.

Density values were assigned to the Mineral Resource models based on ascribed oxidization state and lithological unit, with mineralization being assigned the density of its predominant host. A density of 1.8 t/m³ was assigned to transported and alluvial sediments, with a range of 1.8–2.5 t/m³ assigned to the oxidized weathered profile and a range of 2.7–3.2 t/m³ assigned to fresh rock lithologies.

The Mineral Resource estimates are reported constrained by pit optimizations generated in Deswik, and are based on the following parameters:

- Assumed gold price of \$1,840/oz.
- Processing recovery of 94.5 %.

- Overall slope angles of 36.8° for oxide material, 44.2° for transitional material and 51° for fresh material except for Sunbird that used slope angles of 36.8° for oxide material, 36.5° for transitional material and 50° for fresh material.
- Average mining cost of \$3.12/t mined, based on distance from pit to processing facility.
- Average total processing costs (including G&A) of \$24.25/t processed.
- Selling costs which include:
 - 6% royalty on revenue.
 - Refining and transport costs of \$7.00/oz with a payability of 99%.

The Mineral Resource models were classified into Indicated and Inferred Mineral Resource categories based on analysis of the following criteria: number of samples informing the estimate, sample spacing, average sample distance, kriging efficiency and slope of regression outputs, drill hole and sample QAQC thresholds, geological confidence in modelled interpretations, grade continuity, and level of geological understanding at each deposit.

1.9 Mineral Reserve Estimates

The Mineral Reserve estimate has an effective date of December 31, 2023, and reported using the 2014 CIM Definition Standards.

Mineral Reserves are based on conversion of Indicated Mineral Resources to Probable Mineral Reserves within the final pit designs guided by the ultimate pit shells generated from open pit optimizations at a gold price of \$1,600/oz Au. Each deposit has undergone pit optimization, detailed mine design, mine scheduling, and cashflow analysis, demonstrating a technically achievable and economically viable mine plan supporting the Mineral Reserve estimate. The Mineral Reserves are reported inclusive of mining dilution and mining recovery represented by regularizing the block models to an appropriate SMU size.

Proven Mineral Reserves are estimated for stockpiled material. All Inferred Mineral Resources are treated as non-revenue generating waste rock. Mineral Resources potentially amenable to underground mining methods have not been converted to Mineral Reserves as additional evaluation is required to confirm reasonable confidence in the modifying factors applied for reporting.

Mineral Reserves are reported in Table 2 at the point of delivery to the process plant, using the 2014 CIM Definition Standards.

Table 2: Mineral Reserves as of December 31, 2023

Location	Proven			Probable			Proven & Probable		
	Tonnes (Mt)	Grade (g/t Au)	Metal (000 oz)	Tonnes (Mt)	Grade (g/t Au)	Metal (000 oz)	Tonnes (Mt)	Grade (g/t Au)	Metal (000 oz)
Stockpile	0.44	2.06	29	-	-	-	0.44	2.06	29
Antenna	-	-	-	4.35	2.30	321	4.35	2.30	321
Koula	-	-	-	1.45	5.77	268	1.45	5.77	268
Ancien	-	-	-	1.81	3.80	221	1.81	3.80	221
Agouti	-	-	-	0.90	2.39	70	0.90	2.39	70
Boulder	-	-	-	0.71	1.73	39	0.71	1.73	39
Sunbird	-	-	-	2.10	3.04	206	2.10	3.04	206
Total	0.44	2.06	29	11.33	3.09	1,125	11.76	3.05	1,154

Notes:

- Mineral Reserves are reported at the point of delivery to the process plant, using the 2014 CIM Definition Standards.
- Mr. Raul Espinoza, P.Eng., is the Qualified Person responsible for Mineral Reserves and is a full time employee of Fortuna Silver Mines Inc.
- Mineral Reserves are reported as of December 31, 2023.

- Mineral Reserves are reported on a 100 % basis. Fortuna holds a 90 % interest in the Séguéla Gold Mine. The remaining 10 % interest is held by the State of Côte d'Ivoire.
- Mineral Reserves are reported at an incremental gold grade cut-off of 0.65 g/t Au for Antenna, 0.72 g/t Au for Agouti, 0.69 g/t Au for Boulder, 0.66 g/t Au for Koula, 0.73 g/t Au for Ancien, and 0.66 g/t Au for Sunbird deposit. The estimate is based on a gold price of US\$1,600/oz, metallurgical recovery of 94.5%, surface mining costs of \$3.12/t, processing costs of \$15.42/t and G&A costs of 8.83/t.
- Overall slope angles applied are 36.8° for oxide material, 44.2° for transitional material and 51° for fresh material except for Sunbird that uses slope angles of 36.8° for oxide material, 36.5° for transitional material and 50° for fresh material.
- The Mineral Reserves are reported with modifying factors of mining dilution and mining recovery represented by regularizing the block models to an appropriate selective mining unit (SMU) block size.
- Each deposit has undergone pit optimization, detailed mine design, mine scheduling, and cashflow analysis, demonstrating a technically achievable and economically viable mine plan supporting this Mineral Reserve.
- All figures have been rounded to reflect the relative accuracy of the estimates and totals may not add due to rounding.

Factors which may affect the Mineral Reserve estimates include:

- Metal price and exchange rate assumptions.
- Changes to metallurgical recovery assumptions.
- Changes to the input assumptions used to derive the mineable shapes applicable to the open pit mining methods used to constrain the estimates.
- Changes to the forecast dilution and mining recovery assumptions.
- Changes to the cut-off values applied to the estimates.
- Variations in geotechnical, hydrogeological and mining method assumptions.
- Final negotiated terms of the Mining Convention.
- Changes to environmental, permitting and social license assumptions.

1.10 Mining Methods

Six deposits: Antenna, Ancien, Agouti, Boulder, Koula, and Sunbird are scheduled for mining in the LOMP. The overall mining and production strategy is to maintain ore tonnes to achieve an annual production throughput of 1.46 Mtpa, increasing to 1.57 Mtpa by 2026, by sequencing pit stages and processing feed based on grade, operational requirements, plant throughput and material characteristics for the plant. The mine schedule delivers 12 Mt averaging 3.06 g/t Au to the mill over the remaining 7.5-year mine life.

Mining activities are conducted using a mining contractor and use conventional drill, blast, load, and haul mining methods. Drilling and blasting are used for oxide, transitional and fresh ROM ore material and waste, followed by conventional truck and excavator operations within the pits for the movement of ore and waste. Some free digging has been assumed for some of the oxide material, but generally drilling and blasting is applied. Bench height assumption for extraction of ore and waste material is 5 m taken in two digging flitches of 2.5 m in accordance with the capabilities of the mining equipment. Where possible in high waste stripping pit stages, 10 m bench heights will be used at an appropriate standoff distance from known mineralization.

Mining costs and equipment requirements are based on the existing mining contract with the mining contractor Mota-Engil. The mining schedule consists of a lower mining rate for 2024 moving a total material mined of 5.9 million BCM/annum, with a ramp up in total mining movement in 2025 onwards in line with mill feed requirements and stripping ratios. The initial mining equipment required to meet the mining schedule for 2024 is one 200 t excavator, one to two 120 t excavator, and one 80 t excavator, and eight to ten 90 t haul trucks. Additional mining equipment required to meet the mining schedule for 2025 to 2031 includes an additional 200 t excavator and an additional six to eight 90 t haul trucks. The annual mining rate after 2024 peaks in 2026 at 10.0 million BCM. A common pool of equipment will be used and scheduled across all active pits so that movement between the pits is minimized.

Roxgold Sango will use a mining contractor for the initial 5.5 years of operations. Afterward, and depending on the extension of the life of mine, mining operations will transition to an owner-operation model, or the contractor will be retained as the operator.

Detailed pit stage designs were prepared based on the results of the pit optimizations and incorporating appropriate wall angles, geotechnical berms, minimum mining widths, and access ramps with sufficient width for the equipment

selected. Waste dumps were designed for each individual open pit, with the intention of minimizing haulage distance for the movement of waste material from the open pit to the adjacent surface waste dump, taking into consideration surface water drainage, as well as existing and planned infrastructure locations. The dumps were designed using a 37° rill, and a 15-m berm every 10 vertical meters to achieve a footprint consistent with the requirements of rehabilitated waste dumps at closure.

A total of 15 mining stages were designed and scheduled, consisting of individual pits or pit stages within a final pit design. The mining schedule sequences pit stages such that ROM ore material within the Mineral Reserve is mined, when practical, to target higher grade ore and lower strip ratios early and balance plant feed requirements and material characteristic types.

1.11 Processing and Recovery Methods

The processing facilities comprise a single stage primary crush/SAG milling comminution circuit where the mineralized material is drawn from the ROM ore bin via an apron feeder, scalped via a vibrating grizzly with the undersize reporting directly to the discharge conveyor and the oversize reporting to a primary jaw crusher for further size reduction. All crushed and scalped material is conveyed to a surge bin. Crushed ore and water is fed to the mill.

The mill operates in closed circuit with hydrocyclones, with cyclone underflow reporting to the mill feed. A portion of the cyclone underflow slurry is fed to the gravity circuit for recovery of gravity gold. The gravity concentrator tailings flow to the cyclone feed hopper, while the gravity concentrate report to an intensive leach circuit. Gold in solution is recovered in a dedicated electrowinning system.

Screened cyclone overflow is thickened prior to the CIL circuit. Loaded carbon drawn from the CIL circuit is stripped by the split AARL method. The resultant gold in solution is recovered by electrowinning. Recovered gold from the cathodes is filtered, dried, and smelted in a furnace to doré bars.

A forecast gold recovery rate of 94.5 % is estimated for the LOMP.

The QP considers process requirements to be well understood, and consistent based on the actual observed conditions in the operating plant. There is no indication that the characteristics of the material planned for mining will change and therefore the recovery assumptions applied for future mining are considered as reasonable for the LOMP.

1.12 Infrastructure

The infrastructure and services adequately support the current operations and planned open pit operations, as well as the processing plant. This infrastructure consists of a process plant, a mine service area (offices, workshops, and a warehouse), a TSF, a water storage facility, waste dumps, mine access and haulage roads, an explosives magazine, an electrical grid connection, and an accommodation camp.

The tailings system consists of two parallel tailings lines and associated tailings pumps. The TSF is a side-valley storage formed by two multi-zoned earth-fill embankments, designed to accommodate 13.0 Mt of tailings, and built using the downstream construction methodology. The TSF was designed to comply to ANCOLD (2019) guidelines, is currently transitioning to comply with the Global Industry Standard of Tailings Management criteria, and includes a HDPE geomembrane liner.

A water storage dam supplied with runoff water, mine dewatering and underground water is the main collection and storage pond for clean raw and process water.

Power supply is through a connection to the Côte d'Ivoire electricity grid by a 2,400 m tee into the 90 kV powerline from the Laboa to Séguéla substation. The Séguéla substation is fed via an existing 90 kV transmission line from the 225/90 kV Laboa substation. The Laboa substation is part of a 225 kV ring main system around the country where various sources of generation are connected and, being a large ring main, offers a great deal of redundancy at 225 kV. The grid supply from Côte d'Ivoire is, by world standards, economically priced and much more financially favorable than other options including self-generation as the tariff is based on a mix of hydro and thermal generation with a large portion of hydro.

The QP is confident that all mine and process infrastructure and supporting facilities are included in the present general layout to ensure that they meet the needs of the mine plan and production rate.

1.13 Market Studies

Gold is a freely traded commodity on the world market for which there is a steady demand from numerous buyers.

The Fortuna financial department provides the mine with gold price projections for inclusion in budget and business plan preparations. Pricing is based on long-term analyst and bank forecasts, with a gold price of \$ 1,600/oz used for estimating Mineral Reserves and cash flow analysis and \$ 1,840/oz for estimating Mineral Resources.

A contract is in place with METALOR Technologies S.A. for the receipt of gold doré from Roxgold Sango, to process/refine and either to buy or transfer the precious metal to a metal account designated by Roxgold Sango.

A contract is in place with Mota-Engil Cote d'Ivoire mining to conduct mining services on behalf of Roxgold Sango and consists of ROM feed, mine development, grade control drilling, drill and blast, and load and haul activities.

Contracts are in place with Tseebo Solutions Group Proprietary Limited, Total Energies, Cote d'Ivoire Energies, Group 4 Securities and SGS laboratory testing services to provide catering services, fuel supply, power supply, security services, and metallurgical assaying and testing for the project on behalf of the client.

1.14 Environmental Studies and Permitting

Roxgold Sango contracted the consulting firm CECAF to undertake the project baseline studies and compile the environmental and social impact assessment (ESIA) required to obtain the environmental decree. The ESIA identifies the potential social and environmental impacts of the development of the project and proposed mitigation measures. Part of the ESIA included the development of a conceptual resettlement action plan which was necessary for any physical or economic displacement of people or communities as a result of the project's development as well as a conceptual mine closure plan.

Following environmental and social studies, public consultations, and governmental examination, the ESIA for the Séguéla Mine was approved by the Ministry of Environment and Sustainable Development by decree signed on September 22, 2020 (Decree No.00261 dated September 22, 2020, on ESIA approval for the exploitation of a gold mine in Séguéla department). This decree allowed the mine to be built and exploited in accordance with the conditions listed in the environmental permit application file and the decree.

Artisanal and small-scale mining (ASM) activities in the Séguéla area and its surroundings can be characterized as unauthorized, dispersed, intermittent and not mechanized. Currently, there is no permanent illegal or authorized ASM settlements on the identified deposits of the Séguéla Mine or nearby, with only a few hundred ASM miners present from time to time in the Project area outside of the mining operation areas.

The implementation of a stakeholder management plan has ensured good relationships between Roxgold Sango and the local authorities, village leaders and landowners. In addition, regular monitoring of the occupancy of the land around the deposits and prospects and the intervention of the authorities to avoid the establishment of organized ASM has led to an effective control of the ASM activities in the Séguéla mining area.

As at the effective date of this Report, the projected total cost required to close present and future infrastructure is US\$ 11.9 million as developed from the conceptual mine closure plan prepared by Roxgold Sango with the assistance of specialized consultants CECAF International and Trajectory.

The peak total greenhouse gas emission is projected at 67,676 tCO₂e. Based on fuel and energy consumption and the total production of gold, the energy and GHG emission intensities are estimated at 4.39 GJ/oz and 0.58 tCO₂e/oz, respectively.

1.15 Sustaining Capital and Operating Costs

Sustaining capital and operating cost estimates are based on the established cost experience gained from the operation, projected budgets, and quotes from manufacturers and suppliers. Overall, the cost estimation is of sufficient detail, that, with the current experience of operating at the Séguéla mine, Mineral Reserves can be declared. All costs are US dollar (US\$). The total sustaining capital cost through the LOMP is estimated to be US\$188.5 million, respectively, over the 7.5-year mine life.

Sustaining capital cost requirements over the LOMP include mainly mine development requirements for each deposit, waste capitalized stripping, subsequent lifts required for the TSF and related studies, purchase of minor mining equipment and plant equipment, permitting and environmental.

The total LOMP operating cost for the Séguéla mine is estimated at US\$ 80 per tonne of ore processed.

Long-term projected operating costs are derived from the mining and processing needs throughout the life of mine, outlined in the executed contract between Roxgold Sango and Mota-Engil Cote d'Ivoire. These costs consider site-related expenses and operating costs essential for the operation and are analyzed based on a cost structure that may not correspond to the operating costs reported by financial statements of Fortuna. Site costs pertain to activities conducted on the property including mine, plant and indirect costs related to general services and administrative on-site. Additionally, other operating expenses cover costs associated with gold transportation (distribution), community support activities and management fee from Fortuna corporate.

1.16 Economic Analysis

Fortuna is using the provision for producing issuers, whereby producing issuers may exclude the information required under Item 22 of Form 43-101F1 -*Technical Reports* for technical reports on properties currently in production and where no material production expansion is planned.

The Mineral Reserve declaration in this Report is supported by a positive cashflow for the period set out in the LOMP.

1.17 Conclusions

The conversion of Mineral Resources to Mineral Reserves was undertaken using industry-recognized methods, and estimated operational costs, capital costs, and plant performance data.

1.18 Risks and Opportunities

Analysis of the results of the investigations has identified a series of risks and opportunities associated with each of the technical aspects considered for the development of the mining operation.

The key risks include:

- Changes to metal price assumptions.
- Changes to the technical inputs used to estimate gold content (e.g. bulk density estimation, grade interpolation methodology).
- Geological interpretation (e.g. dykes and structural offsets such as faults and shear zones).
- Depletion due to artisanal mining activities.
- Changes to geotechnical, hydrogeological, and mining assumptions, including the minimum mining thickness; or the application of alternative mining methods.
- Changes to process plant recovery estimates if the metallurgical recovery in certain domains is lesser or greater than currently assumed.
- Changes in the characteristics and/or throughput of the tailings could result in changes to the achieved densities in the TSF, requiring adjustments to the design.
- Geochemical testing of the tailings should be continued at points throughout the life of the facility to ensure that initial testing remains valid.
- The LOMP assumes that all requisite approvals and permits for the relocation of the communications antenna adjacent to the Sunbird deposit and those required for the plant expansion in 2026 will be obtained. It is believed that such approvals and permits can be obtained but there is no certainty that this will be the case. A delay in permitting would require adjustments to the LOMP that could reduce cash flows in 2026 onwards, however any change would not be regarded as material based on the current performance of the processing plant and the multiple deposits available to mine at the Séguéla Project.
- The most recent wet season proved to be disruptive causing some delays to deliveries and personnel to site. The road to the Project requires upgrading to an all-weather road including culverts and crowing and erosion protection.
- Rip rap armoring was not completed during construction since no waste rock was available. Rip rap armoring as per design is required for the TSF spillway, water storage dam spillway, and diversion ditch to prevent downstream sedimentation and improve dam safety (limit erosion of water retaining structures).

- Any changes to the LOMP or throughput will impact upon the tailings management requirements for the site. Any significant increases in total throughput may require an expansion review of the current TSF (in particular, the proximity to the plant site) and reconsideration of the closure plan.
- The availability and reliability of grid power supply presents a risk. The extended use of diesel generation will have an impact on power costs.
- The nearby communities have expectations relating to job creation, community development and improvement in services and infrastructure. Meeting these expectations and minimizing impacts to regional infrastructure and community livelihood is a challenge resulting in possible dissatisfaction with Roxgold Sango and the associated risks of community action against the project and loss of social license to operate.

The key opportunities include:

- The Séguéla Project covers the entire greenstone belt exposure that hosts the Antenna, Ancien, Agouti, Boulder, Koula and Sunbird deposits. Exploration over the Séguéla Project has the potential to expand known mineralization, advance known prospects to drill stage, and discover new prospects.
- Optimization of the open pit and underground mining transition of the Koula, Ancien and Sunbird deposits. Optimal transition point from open pit to underground, lifting the pit floor up, reducing strip ratio and waste movement yielding an increase in the overall project NPV.
- Optimization in geotechnical pit slope angles for mine design improvements and reduction in the overall strip ratio.
- Optimization of plant throughput and investigation on the potential for future expansion.
- Investigations into installing a solar farm. Subject to the successful completion of an economic study, a solar farm should result in lower electricity prices and provide some level of security around continuous supply to essential services.
- Potential to implement a system whereby the supernatant pond is decanted via a barge equipped with submersible pump. This system is reliant on numerous factors, including the resultant beach slope, and the level of control required over the supernatant pond location.
- Maximize the benefit of the operation for local communities as an opportunity for social and economic development, including social infrastructures, professional skills and all the other aspects of the Sustainability Development Goals (SDGs) where possible.
- A good working relationship with local government, state services, traditional authorities, communities and other stakeholders such as the artisanal miners, is in place due to the quality of the early stakeholder's engagement at the project. The opportunity to strengthen these existing relationships will help mitigate the risks associated with unmet expectations amongst the community and other stakeholders.

1.19 Recommendations

Analysis of the results and findings from each major area of investigation suggests several recommendations for further investigations to mitigate risks and improve the base case designs to be considered during the operation of the mine. Each recommendation is not contingent on the results of other recommendations and can be completed in a single phase, concurrently. A summary of the recommendations as provided is as follows:

1.19.1 Exploration

- Additional definition drilling (infill and extension) where applicable, in order to support potential upgrade of some or all of the Inferred Mineral Resources and extend the known mineralization at an estimated drill cost of \$2,000,000.
- Routine collection of density measurements should be maintained for core and included for in pit sampling to better establish densities in the block model. This recommendation will be completed in-house with existing personnel and will not incur an additional cost above regular mine operating costs.
- Target down-dip underground potential at each deposit, in particular Ancien, Koula and Sunbird at an estimated drilling cost of \$2,000,000.

- Review and re-rank existing regional exploration results and prospects followed by selective drill testing of those proximal to the defined Mineral Resource estimates with a drill program estimated at \$2,000,000.
- Detailed structural analysis of all deposits, based on high-quality oriented drill core, with a view to developing exploration models for analogue or related systems elsewhere within the Séguéla Project. This recommendation will be completed in-house with existing personnel and will not incur an additional cost above regular mine operating costs.

1.19.2 Mining

- Revising pit optimization parameters, cost estimates, scheduling, and cashflow forecasts with actual operational data as it is collected. This recommendation will be completed in-house annually with existing personnel and will not incur an additional cost above regular company operating costs.
- Conducting a geotechnical investigation into steeper batter angles of 90° and wider berm widths of 10 m in fresh rock. This recommendation will cost approximately \$30,000.
- Ongoing collection of geotechnical data is required to further refine the geotechnical model, to confirm assumptions made as inputs in this assessment, and to review performance of slopes, batters, and spill berm widths during operations. This recommendation will be completed in-house annually with existing personnel and will not incur an additional cost above regular mine operating costs.
- Ongoing assessment of slope, batter and spill berm width performance. This recommendation will be completed in-house annually with existing personnel and will not incur an additional cost above regular mine operating costs.
- Conducting detailed waste rock dump sequencing to increase discounted cashflow. This recommendation will be completed in-house with existing personnel and will not incur an additional cost above regular mine operating costs.
- Reviewing drill and blast parameters in consultation with the mining contractor to identify potential areas of improvement. This recommendation will be completed in-house with existing personnel and will not incur an additional cost above regular mine operating costs.
- Preparing drill and blast designs and procedures to achieve acceptable blasting impacts when blasting close to the TSF. This recommendation will cost approximately \$30,000.
- Further optimizations of the mining strategy as well as optimized mine designs and scheduling resulting in a reduction in stripping ratio and overall project waste movement requirements to improve mine economics. This recommendation will be completed in-house with existing personnel and will not incur an additional cost above regular mine operating costs.
- Optimization on the open pit and potential underground mining transition of the Koula, Ancien and Sunbird deposits. Review the optimal transition point from open pit to underground. This recommendation will be completed in-house with existing personnel with assistance of outside consultants to complete the study. This recommendation will cost approximately \$150,000.
- Study the modifying factors applicable to underground mining at the Ancien, Koula, and Sunbird deposits to investigate the potential for converting underground Mineral Resources to Mineral Reserves, including metallurgical test work, geotechnical drilling and study and hydrogeology study. Activities will be completed in-house with existing personnel with assistance from outside consultants to complete the study. This recommendation will cost approximately \$700,000.
- Operations should improve pit slope monitoring systems (2 x TM50, prisms and monitoring platform), by providing one system for Antenna and another portable system for the other pits as required at an estimated cost of \$150,000.
- Perform a cost analysis and obtain the necessary permits for relocating the telecommunication antenna currently situated at the edge of the Sunbird pit design. It is recommended the relocation study is performed in 2024 to ensure appropriate capital expenditure and time is assigned to the activity to prevent potential delays in mining the Sunbird deposit, planned to commence in the fourth quarter of 2025. This study will be completed using the internal resources and will be part of normal operating costs.

1.19.3 Processing

- Carbon adsorption modelling for various combinations of carbon movement rates and concentration profiles should be considered. The test results from the FS indicate that gold adsorption is below average for this slurry which was unexpected given the 'clean' nature of the ores. Confirmatory test work is recommended but not essential as the impact on the CIL / elution circuit design will be modest. This will be completed using the internal resources and will be part of normal operating costs.
- Installation of a substantial filter system to improve the raw water quality. This recommendation will cost approximately \$100,000.
- Installation of a reverse osmosis plant to improve elution performance by utilizing potable water rather than filtered raw water, at an estimated budget of approximately \$200,000.
- Install a rock breaker at the jaw crusher to improve throughput at an approximate cost of \$1.0 M.

1.19.4 Tailings Management

- A TSF conceptual study should be completed to investigate the maximum capacity of the current TSF location and any other new potential locations such as open pit co-disposal if no additional area is available for some pits to accommodate future growth. This will require a budget of about \$50,000.
- Determine the required TSF buttress size for the West and East dams to decrease the consequence classification as per Global Industry Standard of Tailings Management guidelines. This will require moving the tailings delivery and return pipeline trench, powerline and fence alignments along the western area of the TSF. An estimated cost of \$1.0 M will be required during LOMP to execute these activities.
- Further Global Industry Standard of Tailings Management work is recommended, such as revising the dam break analysis once the TSF design is updated as per above and updating of the Operation, Monitoring and Surveillance manual, Trigger Action Response Plan and Emergency Preparedness Response Plan documents is required at an estimated cost of \$100,000.
- As per Global Industry Standard of Tailings Management requirements, ongoing visits by the Independent Tailings Review Board and Dam Safety Review are recommended at an estimated cost of \$80,000.

1.19.5 Environmental and Social

- Continue climate data collection on site to establish variation between the mine site and other long-term monitoring data sources. This will be completed using existing resources and is part of the normal operating cost.
- Continue to engage effectively with all the stakeholders as the mine develops including those concerned by the impact on regional infrastructure. This will be completed using Séguéla's resources as part of normal operating costs.
- Undertake further studies to investigate the impacts of the Mine on water quality and the long-term potential impacts of the TSF on surface and ground water quality, including the refinement of a transient state model at an estimated cost of US\$50,000 and the creation and updating of a site wide water balance at an estimated cost of US\$75,000.
- The diversion ditch crossing the main public road is currently undersized, with two additional 2m x 2m culverts required. This work has an estimated cost of US\$100,000.
- Rip rap armoring was not completed during initial construction since no waste rock was available. Rip rap armoring as per design is required for the TSF spillway, water storage dam spillway, and diversion ditch to prevent downstream sedimentation and improve dam safety. The work has an estimated cost of US\$600,000.
- Locate additional air quality and noise monitoring points at the boundary between the project infrastructure and the closest villages to provide a more robust baseline. This will be completed utilizing Séguéla's resources as part of normal operating cost.

- Cover designs or dust suppression trails be considered for the waste rock dumps and tailings facilities to minimize the generation of windblown dust from the surface of these facilities. This will be completed utilizing the projects resources and part of normal operating cost.

[End of Extract of Summary from Séguéla Technical Report]

See “General Development of the Business - Business of the Company – 2024 Recent Developments” for a description of exploration activities conducted subsequent to the Séguéla Report.

SCHEDULE "B"

MATERIAL PROPERTIES

Yaramoko Mine, Burkina Faso

The following is the Summary from the technical report (the "Yaramoko Technical Report") entitled "Fortuna Silver Mines Inc.: Yaramoko Gold Mine, Burkina Faso Technical Report" with an effective date of December 31, 2022 prepared by Paul Criddle, FAusIMM, Paul Weedon, MAIG, Matthew Cobb, MAIG and Raul Espinoza, FAusIMM (CP).

This Summary is subject to certain assumptions, qualifications and procedures described in the Yaramoko Technical Report and is qualified in its entirety by the full text of the Yaramoko Technical Report which is available for viewing on SEDAR+ at www.sedarplus.ca and is incorporated by reference in this AIF, and is also filed with the SEC on EDGAR (available at www.sec.gov). Defined terms and abbreviations used herein and not otherwise defined shall have the meanings ascribed to such terms in the Yaramoko Technical Report.

1.1 Introduction

The Yaramoko gold mine (Yaramoko Gold Mine or Yaramoko) is a mining operation that commenced production in 2016 and, as of the effective date of this Report, consists of the operating 55 Zone underground mine, the Bagassi South underground mine (which includes the QV' lode, consisting of QV QV' and QV1), and planned open pit mining operations at the 109 Zone and the 55 Zone.

Recent exploration drilling and a review of mine engineering designs supports an updated 55 Zone open pit mining inventory and the development of an open pit deposit at the 109 Zone. In addition, a technical review of mining methods for Bagassi South QV' lode identified a preferred underground mining method and the ongoing underground mining of 55 Zone deposit.

The 55 Zone open pit is to be mined at the completion of the 55 Zone underground mine, which includes the mining of near surface mineralization remaining in the crown pillar and remnant mineralization from underground. The 109 Zone open pit mine, located 1.2 km north of the current Yaramoko processing plant, is to be mined concurrently with the 55 Zone and Bagassi South underground with production planned to commence in the first quarter of 2024 with mine development works to be completed throughout 2023. Mining of the 55 Zone open pit will only commence at the conclusion of underground mining due to the need to remove certain key surface infrastructure associated with the underground mine.

Bagassi South QV' lode is a parallel splay 200 m north of the QV1 lode, with QV1 mined as part of the Bagassi South underground mine. Previous technical reports contemplated extraction of the QV' lode utilising conventional longhole open stoping methods under the African Underground Mining Services (AUMS) mining contract. Outcomes of a recent mining method technical review reconsidered mining options and selected handheld shrinkage stoping as the preferred mining method for the Bagassi South QV' lode.

This updated technical report (Technical Report or Report) discloses the methodology for estimating the Mineral Resources and Mineral Reserves reported as of December 31, 2022 and summarizes the scientific and technical information that supports the current underground mine and proposed open pit operations. It presents the assumptions and designs at a level of accuracy that is required to demonstrate the economic viability of the Mineral Resources defined for the underground and open pit mining of the Yaramoko Gold Mine. The opinions contained herein and effective as of December 31, 2022, are based on information collected by the company throughout the course of its investigations.

1.2 Property Description, Location and Access

The Yaramoko Gold Mine is located approximately 200 kilometers (km) southwest of Ouagadougou in the Balé Province in western Burkina Faso. The centre of the 55 Zone gold deposit in the Yaramoko Gold Mine is located at 3 degrees and 16 minutes longitude west (3.28 degrees west) and 11 degrees and 45 minutes latitude north (11.75 degrees north).

The QV1 Zone, which is the main deposit of the Bagassi South underground mine with the QV' deposit being 200 m north of QV1 and accessed from the same capital infrastructure, is geologically similar to the 55 Zone and is located about 1.8 km south of the 55 Zone.

The 109 Zone deposit is a satellite deposit located approximately 1.2 km from the Yaramoko processing plant and also hosted in similar geology.

The Yaramoko Gold Mine is operated by Roxgold Sanu S.A. (Roxgold Sanu), a company incorporated, registered and subsisting in accordance with the laws of Burkina Faso and which is a 90 percent directly owned subsidiary of Roxgold Inc. (Roxgold) with the remaining 10 percent interest held by the State of Burkina Faso. Roxgold was a Canadian public company listed on the Toronto Stock Exchange until July 2, 2021, when Fortuna Silver Mines Inc. (Fortuna or the Company) acquired all of the issued and outstanding shares of Roxgold resulting in Roxgold becoming a wholly-owned subsidiary of Fortuna. Fortuna is a Canadian public company with its shares listed on the Toronto Stock Exchange under the symbol FVI and on the New York Stock Exchange under the symbol FSM.

The Government of Burkina Faso receives a 3 percent royalty on the revenues from mineral production if the gold price is lower than US\$1,000 per ounce, 4 percent if the gold price is between US\$1,000 and US\$1,300 per ounce and 5 percent if the gold price is higher than US\$1,300 per ounce. The Government also collects various taxes and duties on the imports of fuels, supplies, equipment and outside services, as specified by the Burkina Faso Mining Code.

Roxgold Sanu was awarded a *Permis d'exploitation industrielle*, the Burkina Faso equivalent of a Mining Permit, through Decree 2015-074 PRES-TRANS/PM/MME/MEF/ MERH for Yaramoko on January 30, 2015. This was followed by the approval of the National Mines Commission meeting held on May 24, 2015.

An extension to the Mining Permit to incorporate the Bagassi South project into the Mining Permit was awarded through Decree 2018-0656/PRES/PM/MMC/MINEFID/MEEVCC for Yaramoko dated July 30, 2018. This extension (Bagassi South Zone) adds 7.2 square kilometers (km²) to the permit, for a total of 22.9 km². The extension decree only defines the geographic scope of the original mining license which thus stays under the Mining Code which granted it (2003 in this case), and the dates of grant or renewal remain unchanged. No geographical extension of the Mining Permit is required to accommodate the Zone 109 open pit project, as it fits entirely within the existing permit boundaries.

1.3 History

Between 1974 and 1995, *le Programme des Nations Unies pour le Développement* (PNUD) and the *Bureau des Mines et de la Géologie du Burkina* (BUMIGEB) conducted intermittent exploration work in and around the current permit area, with significant results reported by Willemyns of PNUD in 1982 (as cited in Riverstone, 2008) from two quartz vein core samples collected in the area of Bagassi East that returned 2.9 grams per tonne of gold (g/t Au) over a core length interval of 1.45 meters (m), and 6.36 g/t Au over a core length interval of 0.30 m.

In 1995, Placer Outokumpu Exploration Limited conducted soil sampling in the area of Bagassi-Yaramoko returning a small number of isolated values greater than 100 parts per billion (ppb) gold. A single sample returned a value of 760 ppb gold and was reported to have been collected in an area underlain by Tarkwaian sedimentary rocks (Riverstone, 2008).

In 1996, S.à.r.l. Shield Resources of Burkina Faso conducted exploration work in the Bagassi area with a few anomalous points returned; however, no follow-up work was conducted (Riverstone, 2008).

Other than small scale *orpaillage* (artisanal mining) conducted on a few areas of the property there has not been any known production from the Yaramoko Gold Mine prior to the start of operations in 2016. Gold production since 2016 to the end of December 2022 is 0.84 million ounces (Moz).

1.4 Accessibility, Climate, Local Resources, Infrastructure, and Physiography

The closest major town to the Yaramoko Gold Mine is Boromo, located 50 km away. It is serviced by the national power grid and it hosts a hospital and additional suppliers. However, major purchases and procurements come from Ouagadougou. Yaramoko can be reached via the highway system by traveling west from Ouagadougou on paved highway for approximately 200 km, or alternatively traveling east from Bobo-Dioulasso for approximately 150 km to the village of Ouahabou, and then north-northwest by laterite road for approximately 20 km to the village of Bagassi.

Roxgold's Sabarya camp is a purpose built 306-person accommodation camp built in 2015 with associated recreational and messing facilities. Adjacent to the accommodation camp are the exploration offices and associated secure area for logging and processing drill core and for storing exploration equipment. The milling complex, administrative and mining contractor offices, warehouses and associated maintenance and back-up power facilities, are accessed by a 1 km laterite road constructed by Roxgold. The 55 Zone mine portal is also located in this complex, the Bagassi South mine portal is located 1.8 km to the south, while the 109 Zone open pit access will be located 1.2 km north of the processing plant facility.

The closest village is Bagassi which has a population of approximately 3,000 people. Agriculture is the main industry in the region with production of millet, groundnut, and cotton.

The climate is semi-arid with a rainy season from April to October and a warm dry season from November to February and hot from March to June. Temperatures range from a night-time low of about 15 degrees Celsius (°C) in December to day-time highs of about 45 °C in March and April. Annual total rainfall in the area averages 800 millimeters (mm).

1.5 Geology and Mineralization

The north-northeast-trending Boni shear zone divides the Yaramoko Gold Mine between the predominantly Houndé volcanic and volcanoclastic rock to the west and the Diébougou granitoid domain composed predominantly of granitic rock with minor volcanic rock to the east. The main lithological units are mafic volcanic rocks, felsic intrusions, and late dolerite dikes. This region is considered prospective for orogenic gold deposits, which typically exhibit a strong relationship with regional arrays of major shear zones.

The largest granitic intrusion found on the Yaramoko concession is host to both the 55 Zone, Bagassi South and 109 Zone gold deposits. Each deposit is set on the eastern margin of the intrusive in the footwall of the Yaramoko shear along conjugate dextral faults located in extensional position to the regional shear zone. The bulk of the gold mineralization occurs in dilatational segments of the shear zones where quartz veins are thicker and exhibit greater continuity. The Bagassi South deposit is located 1.8 km south of the 55 Zone and the surface definition of the veins can be traced over a strike length of some 800 m and dips to the northeast. The 109 Zone deposit is located 900 m to the north of the 55 Zone and is traceable at surface over 1 km; dipping steeply to the north-northeast. Gold typically occurs as coarse free grain in quartz and is associated with pyrite.

1.6 Exploration Drilling and Sampling

Riverstone started exploration work on the Yaramoko property in 2005 before Roxgold became involved in late 2010. The exploration programs comprised soil and rock sampling, airborne and ground geophysics, rotary air blast, auger, reverse circulation, and core drilling.

Rotary air blast drilling was used to follow up soil anomalies in 2011 and 2012 (1,887 rotary air blast boreholes) while auger drilling was used for collecting soil samples under the transported cover in 2012 and 2013 (2,669 auger boreholes totalling 13,480 m). Rotary air blast and reverse circulation drilling was then used to trace gold in soil anomalies to bedrock, positive results from reverse circulation drilling were followed with core drilling to confirm the geological setting of each target. This method successfully identified the 55 Zone, and thereafter other gold mineralized zones on the property including Bagassi South.

From 2015 to 2021, Roxgold drilled a total of 417 core holes (77,964 m) from surface and underground at Bagassi South on the QV1 and QV' structures to infill and extend mineralization up and down dip, with increasing focus on resource conversion and infill. In 2020-21 a final stage of extension drilling was completed.

A deep drilling program from surface was carried out at the 55 Zone during 2018-2019, following on from an earlier 2017 surface drilling program. This program was designed to infill mineralization previously intersected during the 2017 surface drilling campaigns between 700 m and 1,000 m below surface. A second phase of this program in 2019 saw additional drilling from surface testing further down-plunge extensions to approximately 1,300 m below surface. In 2021 and 2022, additional diamond drilling from dedicated underground platforms was carried out at the 55 Zone, focusing on infilling and mineral resource conversion, and testing for strike and down-plunge extensions. A total of 127 diamond drill holes totalling 72,503 m was drilled during the 2021-2022 campaigns.

Core drilling from surface typically utilized HQ sized core (63.5 mm diameter) from the top of the borehole to the point where the rock showed no signs of oxidation; typically, 20 to 30 m in depth. At that point, the core size was reduced to NQ (47.6 mm diameter). Down-hole deviation was monitored using a Reflex Instruments device at 15, 25, and 50 m intervals, and then approximately every 50 m thereafter. Core drilling from underground stations

utilized NQ core. Core recoveries are high, averaging 99 percent, reflecting the competent nature of the host lithologies.

Surface drill collar surveys were carried out using a site based Differential Global Positioning System (DGPS) which has been calibrated with the regional geodesic system. Underground drill collar surveys were carried out using a total station operated and managed by the mining contractor surveyors AUMS.

Downhole surveys generally used Reflex cameras, either single-shot or multi-shot provided by the drilling contractor and calibrated prior to use on site.

Core boreholes considered for mineral resource modelling in the 55 Zone were drilled on centers of 12.5 m to a vertical depth of 75 m, 25 to 30 m centers from 75 to 400 m vertical depth, 25 to 50 m centers from 400 to 800 m vertical depth, and wider spacings at deeper depths. At Bagassi South, the QV1 structure was drilled to approximately 30 to 35 m centers.

Standardized sampling protocols were used for core sampling by Riverstone in 2011 and by Roxgold between 2011 and 2021. Sample preparation and analyses were conducted by Activation Laboratories Ltd. (Actlabs), ALS Chemex (ALS), BIGS Global S.A.R.L. (BIGS), and SGS Laboratories (SGS) located in Ouagadougou, as well as by SGS in Tarkwa and TSL Laboratories (TSL) in Saskatoon. Seventy one percent of the core samples informing the mineral resource (49,675 out of 69,548 samples) were prepared and assayed by Actlabs in Ouagadougou at 55 Zone, and ninety two percent of the core samples informing the mineral resource (23,368 out of 25,419 samples) were prepared and assayed by Actlabs in Ouagadougou for Bagassi South.

Actlabs, ALS, BIGS, SGS, and TSL are commercial laboratories independent of Roxgold and Riverstone. Actlabs is not accredited to ISO/IEC 17025, but received ISO 9001:2008 certification for its quality management system in April 2013. The ALS Ouagadougou laboratory is also not accredited under recognized accreditation; however, it is part of the ALS Group of laboratories that operates under a global quality management system accredited to ISO 9001:2008 and participates in international proficiency testing programs such as those managed by Geostats Pty Ltd. The SGS Ouagadougou, Yaramoko and Tarkwa laboratories are not accredited under recognized accreditation, but are part of the SGS Group of laboratories that operates under a global quality management system accredited to ISO 9001:2008 and participates in international proficiency testing programs such as those managed by Geostats Pty Ltd. TSL has received ISO/IEC 17025:2005 certification by the Standards Council of Canada for numerous specific test procedures, including the method used to assay samples submitted by Roxgold.

Sampling of core was performed by Roxgold personnel. From the drill site, core was transported by truck to a secure logging facility at the Roxgold field office where it was photographed and logged by a geologist. Selective sampling was employed where, at the discretion of the geologist, samples were collected from visible alteration or vein zones outside of the expected intercepts. All core was sampled 100 m above and below the 55 Zone in boreholes drilled prior to 2014, and thereafter were generally sampled starting from approximately 20 m above the main mineralized zone.

Waste intervals were sampled at 2.0 m intervals, except where a significant geological change occurred and/or in mineralized zones where the sampling intervals averaged between 1.0 m to 1.5 m. The core was then cut in half lengthwise using an electrical rock saw. Half of the sample was placed inside a labelled plastic sample bag. The remaining half was returned to the core box for archiving. Samples were then inserted into woven polypropylene bags prior to being transported by truck to the preparation and assay laboratory.

Roxgold implemented logging onto Maxwell LogChief data capture software in 2019, enabling the direct capture and traceability of logging data via dropdown menus and pre-set codes to promote data hygiene. Prior to 2019, all logging was onto pre-set excel spreadsheets before importation into the database. Reviews of the logging data and associated model interpretation are carried out on a regular basis by the site senior geological team and on each site visit by the qualified person (QP).

Assay data are electronically reported from the laboratory in Microsoft Excel and pdf format and imported into the database after validation, along with the corresponding assay certificates.

Samples received at Actlabs in Ouagadougou were first crushed to 90 percent under 2 mm grain size. A 300 g split was then pulverized to 95 percent, passing 150 mesh (preparation code RX1). For samples marked as mineralized, a 1,000 g split is pulverized (preparation code RX1+1.3). All samples were assayed using a 30 g fire assay procedure

with atomic absorption spectroscopy (AAS) finish with a detection limit of 5 ppb gold (procedure code 1A2) prior to 2014. A 50 g fire assay procedure was used subsequently.

All samples grading over 5.0 g/t Au were re-assayed with a gravimetric finish. Selected samples within the mineralized zones were re-assayed using a 1,000 g screen metallic fire assay procedure with gravimetric finish (procedure code 1A4-1000). With this procedure, a representative 500 g or 1,000 g sample split is sieved at 100 mesh (150 micrometers) with fire assay performed on the entire +100 mesh fraction and two splits of the 100 mesh fraction. The final assay result is calculated based on the results and the weight of each fraction. A total of 99,683 samples have been analyzed using fire assay at the 55 Zone and Bagassi South Zone, including 1,174 via screen fire assay methods.

Implementation of a quality assurance/quality control (QAQC) program is current industry best practice and involves establishing appropriate procedures and the routine insertion of certified reference material (CRMs), blanks, and duplicates to monitor the sampling, sample preparation and analytical process. Roxgold implemented a full QAQC program to monitor the sampling, sample preparation and analytical process for all drilling campaigns in accordance with its companywide procedures. The program involved the routine insertion of CRMs, blanks, and duplicates. Evaluation of the QAQC data indicates that it is sufficiently accurate and precise to support Mineral Resource estimation.

1.7 Data Verification

Prior to March 2019, the database was managed by an external consultancy, Taiga Consultants Ltd. (Taiga) of Calgary, Alberta. Exploration data was recorded digitally to minimize data entry errors. Core logging, surveying, and sampling was monitored by qualified geologists and routinely verified for consistency. Electronic data was captured and managed using an electronic database.

Assay results were delivered by the primary laboratories electronically to Roxgold and Taiga. Analytical data was examined for consistency and completeness prior to being entered into the database. Sampling intervals that did not meet analytical quality control standards were re-assayed where necessary.

In March 2019, Roxgold transitioned to Maxwell Geoservice Datashed SQL database system. The database has been set up with a series of automated import, export and validation processes to minimize potential errors and inconsistencies.

Data verification by the QP was conducted through the inspection of selected drill core to assess the nature of the mineralization and to confirm geological descriptions as well as the inspection of geology and mineralization in underground workings of the Zone 55 and Bagassi South veins in addition to reviews of production data.

A series of plan and cross sections were generated displaying the lithologic and mineralization interpretation by the Roxgold geology and exploration departments and reviewed by the QP, while three-dimensional viewing for data interpretation consistency was carried out on screen.

The QP is of the opinion that the data verification programs performed on the data collected by Roxgold are adequate to support the geological interpretations, the analytical and database quality, and Mineral Resource estimation at the Yaramoko Gold Mine.

1.8 Mineral Processing and Metallurgical Testing

In June 2013, Roxgold commissioned SRK Consulting (Canada) Inc. (SRK) to provide certain technical engineering services and to prepare a feasibility study in accordance with the disclosure requirements of Canadian Securities Administrators' National Instrument 43-101 (NI 43-101) for the gold mineralization contained in the 55 Zone of the Yaramoko Gold Mine. The study was documented in a technical report published on June 4, 2014.

Since 2014, there have been no further metallurgical test campaigns carried out for the 55 Zone deposit.

The testwork conducted on the 55 Zone samples are considered to be representative of the material intended to be processed from the 55 Zone open pit, given it is the extension of the same deposit.

Additional testwork carried out in support of the processing plant expansion and development of the Bagassi South mine was performed in September 2015, for the 109 Zone deposit testwork was carried out in September 2022, with both testwork program completed at the ALS metallurgy assay laboratory in Perth, Western Australia, Australia under the supervision of Roxgold and demonstrated very similar characteristics.

It is the opinion of the QP that operational experience since 2016 has demonstrated a consistent metallurgical performance with recoveries between 98 to 99.3 percent supporting the historical test work and is representative of the material remaining to be processed in the life of mine plan (LOMP), including material expected to be sourced from the 109 Zone and 55 Zone open pit mining operations.

1.9 Mineral Resource and Reserve Estimates

Since 2014, Roxgold has completed numerous near-mine exploration and resource definition drilling campaigns, both from surface and underground and on a near continual basis, to support the extension of the Yaramoko Gold Mine life at the 55 Zone and Bagassi South. Between June 30, 2021 and June 30, 2022, Roxgold continued exploration and resource definition drilling campaigns and internally prepared updated resource models for the Yaramoko Gold Mine using drilling information to June 30, 2022. The Mineral Resources reported herein have been estimated using a geostatistical block modelling approach informed from gold assay data collected in core boreholes. This updated resource model formed the basis of the 2022 year-end Mineral Resources and Mineral Reserves of the Yaramoko Gold Mine. The consolidated Mineral Resources (excluding the Mineral Reserves) for the 55 Zone underground and open pit, Bagassi South underground and 109 Zone open pit are presented in Table 1.

Table 1: Mineral Resources for the Yaramoko Gold Mine, as of December 31, 2022

Classification	Tonnes (000)	Grade Au (g/t)	Contained Gold (000' oz)
Measured	86	6.41	18
Indicated	374	5.97	71
Measured & Indicated	460	6.05	89
Inferred	141	5.51	25

Notes:

- Mineral Resources are as defined by the 2014 CIM Definition Standards for Mineral Resources and Mineral Reserves.
- Mineral Resources are exclusive of Mineral Reserves.
- Mineral Resources that are not Mineral Reserves do not have demonstrated economic viability.
- Factors that could materially affect the reported Mineral Resources include; changes in metal price and exchange rate assumptions; changes in local interpretations of mineralization; changes to assumed metallurgical recoveries, mining dilution and recovery; and assumptions as to the continued ability to access the site, retain mineral and surface rights titles, maintain environmental and other regulatory permits, and maintain the social license to operate.
- Mineral Resources for the Yaramoko Gold Mine are estimated as of June 30, 2022, for underground and open pit, and reported as of December 31, 2022, taking into account production related depletion for the period through December 31, 2022 for the underground mine as no open pit mining was active in 2022.
- Yaramoko Mineral Resources are reported in situ at a gold grade cut-off grade of 0.9 g/t Au for the 55 Zone open pit, 0.5 g/t Au for the 109 Zone open pit, and 2.9 g/t Au for underground (Zone 55 and Bagassi South), based on an assumed gold price of US\$1,700/oz and the same costs, metallurgical recovery and constrained within an optimized pit shell. The Yaramoko Mine is subject to a 10% carried interest held by the government of Burkina Faso.
- Dr. Matthew Cobb is the Qualified Person responsible for Mineral Resources, and is an employee of Roxgold (a wholly-owned subsidiary of Fortuna).
- Totals may not add due to rounding procedures.

The 55 Zone and Bagassi South Mineral Resource block models was used to estimate underground Mineral Reserves using modifying factors. Mining shapes were designed targeting the Measured and Indicated Mineral Resources only, using an in-situ mining cut-off grade of 4.1 g/t Au for 55 Zone and Bagassi South (QV), and 3.1 g/t Au for Bagassi South (QV') based on a gold price of \$1,600 per ounce (oz), an estimated site operating cost of \$194 per tonne (t) for 55 Zone and Bagassi South (QV), and \$145 per tonne for Bagassi South (QV'), and a metallurgical gold recovery of 98.0 percent.

The mining shapes follow the mineralization wireframes without attempting to trim off any areas below the cut-off grade. Mining recovery and dilution parameters are based on the selected mining method and geotechnical considerations. External dilution applied to the mining shapes, with grades from wall rock dilution directly extracted from the block model and null grade from backfill, with dilution defined as waste/ore tonnes.

Development dilution factor of 10 percent was included in the selected development drive profiles with reported physicals being the diluted tonnes and grades. Mining recoveries vary from 86 to 92 percent, dependent on stope type, category and mining method.

The 55 Zone and 109 Zone open pit mineral reserve was estimated using a marginal cut-off grade of 1.26 g/t Au and 0.74 g/t Au respectively, with a gold price of US\$1,600/oz, and a combination of existing relevant operating costs and recoveries, as well as mining contractor rates provided by a reputable and experienced mining contractor operating within the region. Probable Mineral Reserves were estimated from the Indicated Mineral Resource, for both 55 Zone and 109 Zone open pits within the ultimate pit design based on optimisation pit shell run with an SMU block model re-blocked to 5m x 5m x 5m.

The Mineral Reserves for the Yaramoko Gold Mine are presented in Table 2.

Table 2: *Mineral Reserves for the Yaramoko Gold Mine, as of December 31, 2022*

Classification	Tonnes (000)	Grade Au (g/t)	Contained Gold (000' oz)
Proven	123	3.42	13
Probable	1,039	6.19	207
Proven & Probable	1,161	5.89	220

Notes:

- Mineral Reserves are as defined by the 2014 CIM Definition Standards for Mineral Resources and Mineral Reserves.
- Factors that could materially affect the reported Mineral Reserves include: changes in metal price and exchange rate assumptions; changes in local interpretations of mineralization; changes to assumed metallurgical recoveries, mining dilution and recovery; and assumptions as to the continued ability to access the site, retain mineral and surface rights titles, maintain environmental and other regulatory permits, and maintain the social license to operate.
- Mineral Reserves for the Yaramoko Gold Mine are estimated as of June 30, 2022 for underground, and reported as of December 31, 2022, taking into account production related depletion for the period through December 31, 2022.
- Mineral Reserves for the Yaramoko open pit are estimated as of December 31, 2022, no production related depletion was applied as there were no active open pit mining in 2022.
- Mineral Reserves for Yaramoko are reported at a cut-off grade of 1.26 g/t Au and 0.74 g/t Au for the 55 Zone and 109 Zone open pit respectively based on an assumed gold price of US\$1,600/oz, 4.1 g/t Au for 55 Zone and Bagassi South (QV) underground and 3.1 g/t Au for Bagassi South (QV') underground, based on an assumed gold price of US\$1,600/oz, metallurgical recovery rates of 98.0%, Surface mining costs of US\$3.49/t, Processing costs of US\$27/t, and G&A cost of US\$25/t for 55 Zone, surface mining costs of US\$3.66/t and processing cost of US\$27/t for 109 Zone. 55 Zone and Bagassi South (QV) underground mining costs of US\$135/t, G&A costs of US\$28/t, and processing cost of US\$31/t and Bagassi South (QV') underground mining costs of US\$115/t, and processing cost of US\$30/t. Underground mining recovery is estimated at 86% (QV) and 90% (QV') for Bagassi South, 92% for 55 Zone stopes, and 100% for sill drifts.
- A mining dilution factor of 10% has been applied for sill drifts, 0.6m dilution skin has been applied for 55 Zone and Bagassi South (QV) stopes and 0.4m dilution skin has been applied for Bagassi South (QV') stopes. Surface Mineral Reserves are reported with modifying factors of mining dilution and mining recovery represented by regularizing the block models to an appropriate selective mining unit (SMU) block size Each open pit deposit has undergone pit optimization, detailed mine design, mine scheduling, and cashflow analysis, demonstrating a technically achievable and economic viable mine plan supporting this Mineral Reserve. Reported proven reserves includes surface stockpile material.
- Raul Espinoza is the Qualified Person responsible for the underground and open pit Mineral Reserves reported for the Yaramoko Gold Mine, being an employee of Fortuna
- Totals may not add due to rounding procedures.

1.10 Mining Methods

Planned mining operations for the Yaramoko Gold Mine are comprised of the existing 55 Zone and Bagassi South underground mines, and the 55 Zone and 109 Zone open pit mines.

55 Zone and Bagassi South underground mines are a combined 1,280 tonne-per-day (tpd) underground operation which utilizes longhole stoping with cemented rock fill as its primary mining method. As of the second quarter of 2022, mining of the QV1 lode at the Bagassi South underground mine ceased with only remnant stopes remaining to be mined at the end of mine life and the 55 Zone became the main source of ore for the operation.

Following completion of mining at the QV1 lode, activities at the Bagassi South underground mine were limited to capital infrastructure development in preparation for mining the QV' lode based on the handheld shrinkage stoping mining method with unconsolidated waste rockfill. As of the effective date of the Report no production activities have occurred for the QV' lode.

Stoping at 55 Zone and for the remnant stopes of Bagassi South QV1 utilize 20 m and 17 m sublevel spacing respectively, with longitudinal stope sequencing, retreating towards centralized access declines. Mine development and stoping operations are conducted for Roxgold by AUMS under a mining services agreement which extends

through to the end of 2023, with negotiations to be made on whether an extension will be provided through to the end of the first quarter 2025, the completion of the 55 Zone underground mine. The 55 Zone and Bagassi South operations benefit from shared infrastructure, management, and support services.

Stoping at Bagassi South QV' is proposed to utilize a transverse handheld stope sequencing, providing production flexibility and selectivity to preserve ground conditions with 25 m sublevel spacing. Mineralized material reports to multiple draw points along the drives and is mucked to dedicated level ore passes prior to being hauled out of the mine from the extraction level. Mine capital development for QV' is conducted for Roxgold by AUMS, with operating development and stoping activities completed through a combination of Paramina (mining supervision and operators labour hire) and DeSimone for haulage activities (trucks) under a mining services agreement. Roxgold will provide equipment and consumables for Bagassi South QV' production activities.

The 55 Zone underground mine has Proven and Probable Mineral Reserves to a depth of 1,100 m below surface with 0.60 million tonnes (Mt) grading 7.42 g/t Au. Mine life for underground mining of the 55 Zone at the planned production rate is currently to the end of the first quarter 2025.

The Bagassi South mine has Proven and Probable Mineral Reserves to a depth of 235 m below surface with 0.15 Mt grading 6.62 g/t Au comprising of the Bagassi South QV1 and QV' deposits. The QV' deposit is parallel to the main QV1, accessed through the same decline utilizing the AUMS underground mining contractors for capital development and production activities completed by Paramina and Desimone for stoping and haulage respectively. Bagassi South main QV1 deposit mining activities have ceased with remaining remnant stopes to be mined following completion of the Bagassi South QV' deposit during the first quarter of 2025.

As of December 31, 2022, the 55 Zone underground mine sublevels have been developed in advance of stoping to the 4,410 level, 900 m below surface and the access decline has reached a depth of 940 m. All development for the QV1 deposit at the Bagassi South underground mine has been completed with the QV' capital development planned completion at the end of the first quarter 2023 with remaining development at the end of the first quarter 2024. Development for the 55 Zone and Bagassi South underground mines are well-advanced ahead of production to support the required mine plan.

As of the effective date of the Report, there has been no open pit mining or underground handheld shrinkage stoping mining at the Yaramoko Gold Mine.

In September 2020, a geotechnical study was completed for the 55 Zone open pit by geotechnical consultancy MineGeoTech Pty Ltd (MineGeoTech). The outcome of the geotechnical study (MineGeoTech, 2020) was a technically justifiable pit design for the 55 Zone appropriate to support Mineral Reserves. In June 2022, a geotechnical study was completed for the 109 Zone open pit by MineGeoTech. The outcome of the geotechnical study (MineGeoTech, 2022) was a technically justifiable pit design for the 109 Zone appropriate to support the Mineral Reserves. In February 2021, a mining study of the 55 Zone open pit was completed by independent international mining consultancy Entech Pty Ltd. (Entech). The Entech (2021) mining study consisted of pit optimization guiding a detailed pit design, mining schedule, and cashflow assessment.

In 2022, the Mineral Resource estimate was reviewed and updated, following an update of the open pit mining study for the 55 Zone to maximise cashflow and reduce project risk. The 2022 mining study also included a mining study of the 109 Zone. The 2022 mining study demonstrates a technically achievable and economically viable open pit mining operation and is used to justify the Mineral Reserve estimate shown in this report. The QP regards the study work completed on the 55 Zone open pit and the 109 Zone open pit to be at a preliminary feasibility study (PFS) level of confidence and of sufficient accuracy to support the 55 Zone open pit Mineral Reserve estimate.

The 55 Zone open pit optimization work and 109 Zone mining study supports mining the 55 Zone and 109 Zone open pits via conventional drill, blast, load and haul open pit mining methods. Mining is proposed to be via a contract miner, with mining costs estimated from rates received from an experienced mining contractor operating within the region. Open pit mining of the 55 Zone deposit is proposed to commence upon completion of underground mining operations of the 55 Zone deposit and 109 Zone.

Run of mine (ROM) ore for the 55 Zone open pit will be extracted from the pit via a 14.5 m wide dual lane haul road from the surface down to approximately 30 vertical meters to the 5,270 m reduced level (RL), then a 10 m wide single lane haul road down to approximately 20 vertical meters to the final truck floor at the 5,250 mRL. The ultimate pit is approximately 655 m long, 115 m wide, and 50 m in depth. All pit haul road gradients have been designed at a 1:9 slope. All pit stage designs utilize a minimum mining width of 15 m and 5 m goodbye cuts.

ROM ore for the 109 Zone comprising the north and south pits will be extracted from the pit via a 9.3 m wide haul road from the surface down to approximately 60 vertical meters for both pits. The southern ultimate pit is approximately 285 m long, 140 m wide, and 60 m in depth and the northern ultimate pit is approximately 190 m long, 100 m wide, and 60 m in depth. All pit haul road gradients have been designed at a 1:9 slope. The 109 Zone pits contain a 5 m goodbye cut.

1.11 Recovery Methods

The mineral processing and metallurgical test work conducted on the Yaramoko gold deposits by ALS Metallurgy confirmed the coarse free gold nature of the deposit. Gold extraction using gravity and leaching processes yields excellent gold recoveries for both deposits. As a result, the Yaramoko gold processing plant has exhibited high rates of metallurgical performance in treating the 55 Zone and Bagassi South ore since commencing operations in 2016.

In 2019, an expansion of the plant was undertaken to increase the nameplate capacity of the project from 270,000 tonnes per annum to 400,000 tonnes per annum (1,100 tpd) and was designed and constructed by DRA (Pty.) Ltd in Johannesburg, South Africa.

The design of the Yaramoko plant is a simplistic flowsheet that incorporates secondary crushing, single stage SAG milling, carbon in leach (CIL) and gravity recovery circuits, elution and smelting circuits to produce gold doré.

Water is sourced primarily from the water storage facility and supplemented from the underground mining dewatering activities and a bore field network. The water storage dam is located approximately 2 km from the plant, adjacent to the tailings storage facility.

1.12 Project Infrastructure

The infrastructure and services at the Yaramoko Gold Mine adequately support the current operations being the 55 Zone and Bagassi South underground mines, the proposed 109 Zone open pit, as well as the processing plant. This infrastructure consists of a process plant, a mine service area (offices, workshops, and a warehouse), mine refrigeration and ventilation facilities, a tailings storage facility, a water storage facility, mine access and haulage roads, an explosives magazine, a gendarmerie, an electrical grid connection, and an accommodation camp. The site is also serviced by a laterite airstrip, utilized to transport the operations personnel to and from the mine site, via contract aircraft services.

In 2017, the site was connected to the Burkina Faso electricity grid by teeing into the 90-kilovolt powerline from the Pa substation to the Mana mine site. The capacity of the 90/11-kilovolt substation is 13 megavolt amperes (MVA). In the event of a power outage, there is an emergency diesel generator power station, which is sized to power the entire site operations (except the accommodation camp which has a dedicated emergency generator).

For the development of the 55 Zone open pit phase of the mine, some key underground mine infrastructure associated with the 55 Zone will need to be decommissioned as it will fall within the blast radius of the open pit plan. The underground operations workshop and offices, ventilation and refrigeration facilities as well as above ground power reticulation in that area, would need to be decommissioned and removed before the ultimate pit outline is developed.

For the development of the 109 Zone open pit mine, additional infrastructure is required to accommodate mining of the deposit including; road deviation of the current national highway, haul road to access the deposit, extension of perimeter fencing and additional security personnel, systems and posts.

The entire Yaramoko Gold Mine, with the exception of the 109 Zone open pit, is contained within a security fence, with key infrastructures secured with double fences.

1.13 Market Studies

Gold is a freely traded commodity on the world market for which there is a steady demand from numerous buyers. The Fortuna financial department provides the Yaramoko Gold Mine with gold price projections for inclusion in budget and business plan preparations. Pricing is based on long-term analyst and bank forecasts for gold.

For the current Yaramoko Gold Mine, a contract is in place with METALOR Technologies S.A. for the receipt of gold doré from Roxgold Sanu, to process/refine and either to buy or transfer the precious metal to a metal account designated by Roxgold Sanu.

The QP has reviewed the information provided by Fortuna on metal price projections and exchange rate forecasts and note that the information provided is consistent with what is publicly available for industry norms.

1.14 Environmental Studies, Permitting, and Social or Community Impact

The Mining Code (Loi No. 036-2015/CNT du 16 juin 2015) and the Environmental Code (Loi N°006-2013/AN du 2 avril 2013) of Burkina Faso outline the legal framework for social and environmental impacts from mining activities in Burkina Faso. The primary environmental approval required by Roxgold Sanu to develop a mining project is an Avis de Conformité et de Faisabilité Environnementale, which is issued by the Ministry of Environment and Sustainable Development (MEDD) through its environmental agency named Agence National des Evaluations Environnementales (ANEVE, ex BUNEE). The ANEVE has the mandate to promote, monitor and manage all the environmental assessment process in the country. Such an Avis de Conformité et de Faisabilité Environnementale indicates a positive decision of the Minister of Environment on the submitted ESIA.

Avis de Conformité et de Faisabilité Environnementale were received in 2014 for the first phase of the Yaramoko Gold Mine (55 Zone mine) and in 2017 for the expansion (Bagassi South mine). The respective Avis are: (1) Decree N°2014-155/MEDD/CAB and (2) Decree n°2017-431/MEEVCC/CAB. An ESIA for Zone 109 project has been submitted in August 2022, with validation and Avis de Conformité et de Faisabilité Environnementale expected on track for finalization in the first quarter of 2023. Any further development of the Yaramoko Gold Mine will follow the same process.

This framework will guide the requirements for future permit modifications to support the 55 Zone open pit development, in a similar way to which the Bagassi South extension was granted in 2017. The Zone 109 open pit project is undergoing permitting.

At present, the main potential environmental issues identified concern water quality due to seepage or runoff from mine infrastructure; reduced groundwater supply due to the impact of a potential drawdown cone around the mine; and dust from waste rock dumps and the tailings storage facility. The main social issues identified concern livelihood changes due to the loss of farmland and loss of income from artisanal mining. Roxgold has been able to manage these aspects through a comprehensive ESMS based on ISO 14001 and International Financial Corporation (IFC) Performance Standards.

Since 2014, Roxgold Sanu has engaged with its local stakeholders through a stakeholder engagement management plan. A specific stakeholder engagement strategy and plan based on the community analysis (stakeholder mapping), the existing tools and the experience of the community relations team, including presentations of the expansion projects, community representatives' meetings, special committee, public enquiries, billboard and/or broadcasting is in place.

The closure plan for the Yaramoko Gold Mine will be updated to incorporate plans for the development of the 109 Zone open pit project once its ESIA is formally validated, and eventually for the 55 Zone open pit at the appropriate time. It currently assumes the preferred final post-closure land use will be a savannah landscape commensurate with the existing small-scale agriculture and livestock grazing land uses. The plan assumes no salvage value. The mine areas will be reclaimed to a safe and environmentally sound condition consistent with closure commitments developed during the LOMP.

1.15 Capital and Operating Costs

Cost estimates are derived from activity-based life of mine scheduling. Underground mining costs are estimated using the schedule of rates within the existing mining contract with AUMS and contracts for mining and haulage activities of the Bagassi South QV' deposit with Paramina and DeSimone respectively. Open pit mining costs are based on estimated mining rates provided by a reputable and experienced mining contractor operating within the region.

Processing, sustaining capital, general and administrative, and selling cost estimates are prepared using realized costs from recent operating years, with forecast labour and consumables from activity-based scheduling aligned with the LOMP schedule.

The QP considers the capital and operating costs estimated for the operation as reasonable based on industry-standard practices and actual costs observed for 2022.

1.16 Economic Analysis

Fortuna is using the provision for producing issuers, whereby producing issuers may exclude the information required under Item 22 of Form 43-101F1 -*Technical Reports* for technical reports on properties currently in production and where no material production expansion is planned.

The Mineral Reserve declaration in this Report is supported by a positive cashflow for the period set out in the LOMP.

1.17 Conclusions, Risks, and Opportunities

This Report represents the most accurate interpretation of the Mineral Reserve and Mineral Resource available as of the effective date of this Report. The conversion of Mineral Resources to Mineral Reserves was undertaken using industry-recognized methods, and estimated operational costs, capital costs, and plant performance data. This Report also supports the development of the 55 Zone open pit at the completion of the 55 Zone underground mine, the 109 Zone open pit mine and the Bagassi South QV' handheld shrinkage stoping mining methodology. Thus, it is considered to be representative of future operational plans. This Report has been prepared with the latest information regarding environmental and closure cost requirements.

A number of opportunities and risks were identified by the QPs during the evaluation of the Yaramoko Gold Mine.

Opportunities include:

- Exploration potential to increase the Mineral Resources of the Yaramoko Gold Mine deposits.
- Upside potential in the QV' deposit upon realisation of actual operating costs.
- 55 Zone and 109 Zone open pit design and scheduling optimization for contract negotiations.
- Further optimized mining methods resulting in operating cost savings and lower total mining dilution, thus increased head grade.
- Further optimize mine scheduling.

Risks include:

- Ground conditions at depth for the 55 Zone underground mine resulting in delayed extraction of stopes due to increased re-work requirements.
- Operating conditions associated with mining the Bagassi South QV' deposit.
- Change of management with the adoption of a new mining method with alternative contractors.
- Unforeseen increases in costs due to inflation could impact the outcome of the mining study as well as future open pit to underground transition studies. Contractor costs will need to be revalidated during development plans.
- Further geotechnical work prior to the commencement of mining will be required to further assess the impact of underground voids on pit wall stability.
- Open pit mining will occur adjacent to the processing facility and key project infrastructure. Drill and blast designs and processes will need to ensure vibration and fly rock is controlled such that any impact to key project infrastructure is minimized.
- Unmet community expectations leading to potential for loss of social license to operate. Roxgold Sanu expects to minimize this risk with its experience, positive reputation, and social management plans relating to community development, stakeholder engagement and artisanal miners.
- Preparation for open pit mining activities delayed due to schedule extension of the 55 Zone underground mine, contract negotiations for preferred contractor and mine development preparations. These are mitigated through optimisation of the underground mine plan, negotiations for preferred contractor and project planning for mine development commencing in the first half of 2023.
- Long term impact of groundwater movement away from mine workings after closure.

1.18 Recommendations

Recommendations for the next phase of work have been broken down into those related to ongoing exploration activities at the Yaramoko Gold Mine; underground mining activities and studies related to operational

improvements; exploration activities and development studies related to the development of the 55 Zone and 109 Zone open pits at Yaramoko; processing and infrastructure improvements; and environmental, permitting and social activities as set out below.

Underground Mining:

- Continued monitoring of ground conditions along with the implementation of a recommended ground support regime in line with the increase in depth at the 55 Zone underground mine. Costs are included in the operating costs for the mine.
- Infill and step out drilling program. Expenditure of US\$ 2.8 million is budgeted in 2023 for this program.
- Further review of the mining contract and its cost reduction opportunity through contract negotiations during the fourth quarter of 2023, cost is included in the operating costs for the mine.
- Review of actual productivity and realised cost with mining of the Bagassi QV' mineralization and update the mining inventory inline with the realised parameters. Costs are included in operating costs of the mine.
- Continued monitoring and operational improvements for safety and productivity in mining the Bagassi South QV' lode. Costs are included in operating costs of the mine.

Open Pit Mining:

- Prior to mining 55 Zone Open Pit commencing, a void management plan will be prepared to define the mining methods to safely mine mineralization adjacent to underground workings while minimizing mining dilution and maximizing mining recovery. The void management plan will be undertaken predominantly with Roxgold technical staff, with such costs included in the operating costs for the mine. An external geotechnical consultants will be utilised to assist with this study with costs included as part of the budgeted geotechnical site support.
- Prior to mining 55 Zone Open Pit commencing, a drill and blast study will be completed to define the drill and blast designs that protect key project infrastructure from ground vibrations and fly rock within the blast perimeter. Drill and blast studies will be undertaken by Roxgold technical staff, with such costs included in the operating costs for the mine.
- Evaluate and choose a preferred mining contract for the open pit scope of work. Prepare a workable mining contract for the open pit mining scope of work. Contractor evaluation and preparation of the mining contract will be undertaken by Roxgold technical staff, with such costs included in the operating costs for the mine.
- Data gap existing in the north-eastern wall of the northern pit for 109 Zone to be assessed and altered as required prior to mining of the sector commencing. Such costs will be included in the operating cost of the mine.

Processing and Infrastructure:

- As processing feed begins to reduce over the next couple of years, there is the potential at times for the mill load to fluctuate and potentially run low. The lifter angle of the SAG mill should be reviewed to ensure that it is not overly aggressive with the reduced total load. The cost of such a review will be assessed internally by Roxgold technical staff.
- Metallurgical behavior should continue to be monitored especially when there are major changes to the proposed mine plan and mine development. Additional on-site testing should be completed from time to time in accordance with an updated mine plan during production, to identify any potential issues, especially in the comminution circuit. This testwork should be completed during operations. Such costs will be included in the operating costs for the mine.

Environmental, Permitting, and Social:

- Continue the implementation of the environmental management plan as required under applicable environmental regulations and according to the Company's ESIA, internal standards and applicable international best practices. This includes the implementation of the monitoring and prevention programs to avoid or mitigate our impacts, the regular update of the closure plan and the continuous improvement of the Company's environmental management system. Such costs will be included in the operating costs for the mine.
- Ensure the performance of the stakeholders' engagement plan and continue to support the local stakeholders in their social and economic development as part of the social corporate responsibility and license to operate. Such costs will be included in the operating costs for the mine.

- Continue the implementation of a rigorous health and safety management system to protect employees from injury and health issues, including preventative activities such as risk assessments, inspections, audits, employee safety and competences training, leadership programs and the continuous improvement of the health and safety management system. Such costs will be included in the operating costs for the mine.

[End of Extract of Summary from Yaramoko Technical Report]

See “General Development of the Business - Business of the Company – 2023 Developments” for a description of exploration activities conducted subsequent to the Yaramoko Report.

SCHEDULE "C"

MATERIAL PROPERTIES

Lindero Mine, Argentina

The following is the Summary from the technical report (the "Lindero and Arizaro Technical Report") entitled "Fortuna Silver Mines Inc.: Lindero Mine and Arizaro Project, Salta Province, Argentina" with an effective date of December 31, 2022 prepared by Eric Chapman, P.Geo., Raul Espinoza, FAusIMM (CP), Mathieu Veillette, P.Eng., P.E., and Dmitry Tolstov, MMSA(QP). This Summary is subject to certain assumptions, qualifications and procedures described in the Lindero and Arizaro Technical Report and is qualified in its entirety by the full text of the Lindero and Arizaro Technical Report which is available for viewing on SEDAR+ at www.sedarplus.ca and is incorporated by reference in this AIF, and is also filed with the SEC on EDGAR (available at www.sec.gov). Defined terms and abbreviations used herein and not otherwise defined shall have the meanings ascribed to such terms in the Lindero and Arizaro Technical Report.

1.1 Introduction

This Technical Report (the Report) on the Lindero Mine and Arizaro Project in Salta, Argentina (the Property or the Lindero Property), has been prepared by Mr. Eric Chapman, P.Geo, Mr. Raul Espinoza, FAusIMM, Mathieu Veillette, P.Eng, and Dr. Dmitry Tolstov, MMSA QP, for Fortuna Silver Mines Inc. (Fortuna) in accordance with the disclosure requirements of Canadian National Instrument 43-101 – *Standards of Disclosure for Mineral Projects* (NI 43-101). The Report discloses updated Mineral Resource and Mineral Reserve estimates, including the maiden estimation of Inferred Resources for the Arizaro Project, as well as details on the start of operations at the Lindero Mine.

1.2 Property description, location and ownership

The Property is located in the Argentine puna, a cool, arid zone with a minimum elevation of approximately 3,500 to 4,000 m. The climate is generally dry and windy; it can be cold and snowy during storms.

The Lindero Property is located 260 km due west of Salta, Argentina, the main service center of the region, at latitude 25° 05' south and longitude 67° 47' west. Drive time from Salta to the Property is approximately 7 to 7.5 hours, over a road distance of 420 km. The nearest town to the Property is Tolar Grande (population 250) located 75 km to the northeast.

The Property can be accessed via either road or by airplane. Access by road is via National Route 51, which passes through the towns of San Antonio de Los Cobres and Olacapato; and Provincial Route 27, via Pocitos and Tolar Grande. Access by plane is via charter flights that are scheduled three times a week from Salta to a runway strip located at the Salar de Arizaro, less than 10 kilometers from the mine. The flight takes approximately 35 minutes.

The Lindero Property contains two known porphyry gold-copper deposits. The Lindero Deposit which is the focus of current mining activities described in this report (the Lindero Mine); and the Arizaro Deposit which is located 3.2 km southeast of the Lindero Mine.

The mineral tenement holdings cover 3,500 ha, and comprise 35 pertenencias, each of 100 ha, which are constrained by Gauss Kruger Posgar co-ordinates generated by survey. Tenure is held in the name of Mansfield Minera S.A. (Mansfield), an indirectly wholly-owned subsidiary of Fortuna. There is no expiry date on the pertenencias, providing Mansfield meets expenditure and environmental requirements, and pays the appropriate annual mining fees.

A three percent provincial royalty "boca mina" is payable on revenue after deduction of direct processing, commercial, general and administrative costs. There are no royalties payable to any other third party.

Surface rights are owned by the provincial state (Propiedad Fiscal) of Salta. There are no reservations, restrictions, rights-of-way or easements on the Property to any third-party. Mansfield holds a registered camp concession, and a granted and surveyed access right-of-way. Water permits and rights of access to the Property are guaranteed through water and access licenses granted by the Mining Court of Salta.

In addition, Mansfield holds one mining concession and eight easements that cover the mine infrastructure (including the camp, plant, open pit, leach pad, and waste dump).

1.3 History

Gold–copper mineralization associated with potassic alteration was first discovered at the Property by Goldrock Mines Corp. (Goldrock) geologists in November 1999, and led to claim staking.

The area was explored using reconnaissance and detailed geological mapping, soil geochemistry (talus fines), trench sampling and mapping during 2000 and early 2001. As a result of this work, mineralization at what is now the Lindero and Arizaro deposits was identified in September 2000.

From April 2002 to March 2003, Rio Tinto had an option on the Property with Goldrock, during which time additional exploration including drilling was conducted at both Lindero and Arizaro with follow-up metallurgical testwork undertaken using Lindero core samples. An in-house preliminary Mineral Resource estimate for the Lindero Deposit was performed. As the tonnage and grade estimate did not meet Rio Tinto's corporate targets, the option was not exercised.

Goldrock resumed as project operator, and between 2005 and 2013 completed additional exploration and drilling at both the Lindero and Arizaro deposits, but with a focus on progressing the technical potential of mining Lindero. Based on this, a Pre-Feasibility Study for the Lindero Deposit was completed by AMEC in 2010, assuming a production throughput of 30,000 tonnes of ore per day (AMEC Americas Ltd., 2010a; 2010b). In 2012, Goldrock commissioned Kappes, Cassiday & Associates (KCA) to complete a Feasibility Study using a reduced throughput of 18,750 tpd.

In 2015, Goldrock commissioned KCA to work with local engineering firms in advancing the engineering design for the Lindero Project to a basic engineering level and update the 2013 Feasibility Study. A new Feasibility Study incorporating these design changes, additional metallurgical testwork, and updated costs and gold price assumptions was filed by KCA in 2016 (KCA, 2016a).

In July 2016, Fortuna acquired all of the issued and outstanding shares of Goldrock, making Mansfield a wholly-owned subsidiary of Fortuna (Fortuna, 2016). Upon completion of the transaction, Fortuna continued to advance the optimization of the 2016 Feasibility Study through additional drilling as well as conducting tradeoff metallurgical tests and detailed engineering revisions with the objective of reaching a construction decision for the Lindero Project (Fortuna, 2017).

Fortuna continued the exploration of the Arizaro Deposit while progressing the technical studies and construction activities at Lindero with diamond drill programs executed in 2018, 2021 and 2022 culminating in the estimation of Mineral Resources as detailed in this Report.

Mining activities commenced at Lindero in September 2019 (Fortuna, 2019) with first placement of ore on the leach pad in July 2020 (Fortuna, 2020a) and doré production in October 2020 (Fortuna, 2020b). Total production since October 2020 through December 31, 2022 is estimated as 228,939 oz of gold doré bars.

1.4 Geology and mineralization

In the Central Andes, the altiplano or puna is a high plateau of more subdued relief between the Eastern Cordillera, a rugged region usually rising to between 3 km and 4.5 km, and the Western Cordillera, which is a high spine of mountains that may reach as much as 5 km in height. The Arizaro Volcanic Complex consists of two superimposed concentric volcanic centers, the Arizaro and the Lindero cones, located in the Archibarca volcanic arc at the southern margin of the Salar de Arizaro basin. Basement rocks crop out to the north of the Lindero Deposit and consist of coarse-grained Ordovician granites unconformably overlain by Early Tertiary red bed sandstones. The Lindero–Arizaro complex, a series of diorite to monzonite porphyritic stocks, intrudes these units.

Lindero and Arizaro are examples of gold-rich porphyry copper deposits as described by Sillitoe (2000). More specifically, they show affinities with the porphyry gold deposit model (Rytuba and Cox, 1991; also termed dioritic porphyry gold deposits by Seedorff et al., 2005). These are exemplified by the Refugio, Cerro Casale, Marte, and Lobo gold deposits of the Miocene-age Maricunga belt, Chile, approximately 200 km south of Lindero. Vila and Sillitoe (1991) and Muntean and Einaudi (2000, 2001) described those deposits in detail.

The deposits of the Property area are considered to be examples of porphyry-style deposits, in particular gold-rich porphyries based on the following:

- High level (epizonal) stock emplacement levels in magmatic arc.
- High-level stocks and related dikes intrude their coeval and cogenetic volcanic piles. Intrusions range from fine through coarse-grained, equigranular to coarsely porphyritic.
- Mineralization in or adjoining porphyritic intrusions of quartz diorite/monzonite composition.
- Mineralization is spatially, temporally, and genetically associated with hydrothermal alteration of the intrusive bodies and host rocks.
- Gold–copper mineralization formed during intrusion of multiple phases of similar composition intrusive rocks.
- Large zones of quartz veining, stockwork mineralization, and disseminated pyrite.
- Tenor of gold and copper grades, i.e., large tonnage but low grade.

The weathered oxidation zone at Lindero is generally poorly developed and averages 44 m in thickness, while at Arizaro the oxidation zone is even less pronounced being just a few meters in thickness.

1.4.1 Lindero Deposit

Mineralized zones at the Lindero Deposit form a semi-circular shape about 600 m in diameter which extends to a depth of 600 m, consisting of four different zones at the surface. The distribution of gold–copper mineralization at Lindero shows a strong relationship to lithology, stockwork veinlets, and alteration assemblages. Higher grades of gold–copper (approximately 1 g/t Au and 0.1 % Cu) are commonly associated with sigmoidal quartz, quartz–magnetite–sulfide, biotite–magnetite–chalcopyrite, magnetite–chalcopyrite and quartz–limonite–hematite stockworks that are strongly associated with K-feldspar alteration. This association is very common in the east zone of the deposit, where the highest gold grades occur. At other locations where one or more stockwork types are missing or the intensity of fracturing is lower, mineralization tends to be weaker and the grades of gold tends to be lower (approximately 0.4 g/t Au).

At the Lindero Deposit, native gold and electrum are finely disseminated in subparallel to stockwork quartz + sulfide ± magnetite ± anhydrite veins and in some cases in matrices of hydrothermal breccias. Magnetite is common to abundant in mineralized zones. These mineralized stockworks and potassic alteration are interpreted to have formed as the result of degassing of the early intrusive bodies. Fluid pressures during degassing triggered fracturing of the intrusions and wall rock, allowing gold-rich fluids to circulate and precipitate, forming a gold–copper orebody. Later intrusions resulted in weak to moderate gold–copper mineralization forming mostly along and immediately fringing these intrusive contacts. Finally, post mineralized intrusives were overprinted onto the north and west of the deposit.

Gold mineralization at Lindero is characterized by native, free-milling gold associated with chalcopyrite and/or magnetite grains with rare interstitial quartz.

1.4.2 Arizaro Deposit

The Arizaro volcanic center is characterized by fine- to medium-grained hornblende diorite to monzonite porphyritic stocks. The Arizaro Deposit is dominated by a main, moderately to strongly mineralized intrusive unit that crops out in the central part of the prospect area. It consists of fine hornblende porphyritic diorite intruded by several stocks, dikes, igneous-cemented breccias and hydrothermal breccias. Smaller stocks are exposed in a few areas. Dikes of andesitic and dacitic composition are generally distributed radially to the main intrusive unit.

Several alteration assemblages are noted in the Arizaro Deposit area. Alteration patterns are semi-concentric and asymmetric, with a core of moderate to strong potassic alteration including zones of K-feldspar-rich magnetite–silica alteration. An incomplete rim of chloritic alteration is developed outboard of the potassic alteration. In the southeast part of the deposit, intermediate argillic alteration has formed and overprints potassic alteration. Sericitic and very weak argillic alteration (hydrolytic alteration) has developed in the

volcanic tuffs. To the south and west of the deposit, chloritic alteration passes directly to propylitic alteration. An actinolite–magnetite alteration assemblage forms in the eastern part of the deposit area.

The Arizaro Deposit has mineralization styles with copper–gold grades that are strongly correlated with different alteration assemblages. Mineralization is mainly associated with potassic alteration. This occurs generally in multi-directional veins, vein stockworks and disseminations. In some areas, the vein density is high, forming vein stockworks in the intrusive rocks. These vein stockworks are limited to magnetite–biotite veinlets, quartz–magnetite–chalcopyrite veinlets, late magnetite breccias and in late-stage mineralization events, anhydrite–sulfide veinlets. Chalcopyrite and bornite are the main copper minerals. Gold is mainly associated with chalcopyrite, quartz, and anhydrite veinlets. Coarse gold was observed and confirmed with X-ray diffraction analysis in the University of Neuquen, Argentina, laboratory.

Understanding of the geological setting and model concepts for Lindero and Arizaro is adequate to provide guidance for exploration and development of the deposits.

1.5 Exploration, drilling and sampling

Multiple exploration programs have been conducted by Rio Tinto, Goldrock and Fortuna on the Lindero Property all under the management of Mansfield.

Exploration drilling comprises 233 diamond drill holes totaling 46,987 m at the Lindero Deposit, as well as 65 diamond drill holes totaling 16,165 m at the Arizaro Deposit that has been conducted over the last twenty years. Ground conditions are good with core recovery generally above 90 percent. Collars for all holes drilled since 2005 have been surveyed using differential GPS. Coordinates are projected on the WGS 84 Datum ellipsoid and calibrated according to the position of Geodetic point IGM N° PR-02-015, located a few kilometers from the Property. The results are available in geographic co-ordinates and in metric co-ordinates (UTM and Gauss Kruger), using the WGS 84 datum.

During Rio Tinto's exploration drilling campaign in 2002, undertaken by Connors Drilling, no downhole surveys were completed despite the fact that many of the holes extended beyond 300 m in depth. Holes drilled during the first Goldrock campaign were not originally downhole surveyed either. In June 2006, GEC-Geophysical Exploration & Consulting S.A. (GEC) was contracted by Goldrock to perform borehole surveying services with a Reflex Maxibor II System 3™ Probe (Maxibor™), which is not affected by magnetism. In 2008, Goldrock detected that the Maxibor™ surveys showed an unacceptably large deviation in the drill holes and a decision was made to re-survey all holes that showed a deviation of more than 5 percent. Comprobe Chile Ltd. (Comprobe) was contracted to re-survey the holes considered by Goldrock as having incorrect downhole deviations. A surface-recording gyroscopic instrument was used, and orientation and dip parameters were recorded every 10 m. For the 2016 to 2022 drilling campaigns, downhole surveys were conducted by the drilling contractor using Reflex™ gyroscopic equipment with readings taken at 5 to 10 m intervals.

All core was logged for geology and geotechnical characteristics. All logging was digital and has been incorporated into the Maxwell DataShed™ database system. Data was recorded initially with Excel™ templates, and later with Maxwell LogChief™ application using essentially the same structure. Separate pages were designed to capture metadata, lithology, alteration, veins, sulfide–oxide zones, sulfide–oxide surfaces, minerals (sulfides, oxides, and limonite), sulfates, structures (contacts, fractures, veins, and faults with attitudes to core axis), magnetic susceptibility, and special data (samples collected for geochemistry, thin section examinations, the core library, skeleton core, etc.). Intensity of alteration phases was recorded using a numeric 1 to 4 scale (weak, moderate, strong, complete); abundance of veins and most other minerals were estimated in volume percent.

Core samples are marked and collected on 2 m intervals that honor lithological boundaries. Samples weigh between 4 and 8 kg depending on core diameter and recovery. Channel samples were collected using a rock saw to cut a 2 x 3 cm channel in exposed bedrock in trenches and road cuts. The material was removed from the channel with a chisel. Sample preparation for most samples consisted of crushing to 70 percent passing 10 mesh and pulverization to 95 percent passing 150 mesh. Density samples are routinely collected by Mansfield personnel from drill core on approximate 10-m intervals. Samples consist of pieces of core approximately 7 cm in length and weighing between 93 g and 408 g.

All samples collected by Mansfield personnel were assayed for gold using a 30 g fire assay–atomic absorption (FA-AA) finish and a second aliquot was selected for copper analysis using aqua regia digestion and AA analyses. For the drill samples only, a full suite of trace elements was analyzed using an aqua regia digestion followed by inductively-coupled plasma (ICP) analysis. Assay results and certificates were reported electronically by e-mail.

Fortuna samples were sent to the ALS Global sample preparation facility in Mendoza, Argentina. Following drying at 55°C, the samples were weighed and the entire sample crushed using a two-stage method, first with a jaw crusher to 1 cm, and then by cone crusher to 70 percent passing 10 mesh. The entire crushed sample was then pulverized to a minimum of 95 percent passing 80 mesh. Pulverized samples were then split using a riffle splitter to generate a 300 g subsample that was pulverized to 95 percent passing 150 mesh. This subsample was then split again using a riffle splitter to generate three 100 g samples.

All samples were sent to accredited laboratories independent of Rio Tinto, Goldrock and Fortuna.

Implementation of a quality assurance/quality control (QAQC) program is current industry best practice and involves establishing appropriate procedures and the routine insertion of standard reference material (SRMs), blanks, and duplicates to monitor the sampling, sample preparation and analytical process. Fortuna implemented a full QAQC program to monitor the sampling, sample preparation and analytical process since 2016 in accordance with its companywide procedures. The program involves the routine insertion of SRMs, blanks, and duplicates. Evaluation of the QAQC data indicate that the data at both deposits are sufficiently accurate and precise to support Mineral Resource estimation.

The Arizaro and Lindero deposits were discovered in 1999 and 2000, respectively, as a result of a regional program of exploration. Major exploration programs conducted since discovery at the Property include:

- Goldrock campaign: August 2000 to October 2001, which included geologic mapping, soil sampling, and trench sampling.
- Rio Tinto campaign: May 2002 to February 2003, which included road sampling, geophysics (43 km of ground magnetics and 11 km of induced polarization (IP)), and drilling (10 holes for a total of 3,279 m at Lindero and 2 holes for a total of 629 m at Arizaro).
- Goldrock campaign: October 2005 to January 2008, which included geologic mapping and modeling, trenching, and a significant drilling program and metallurgical testwork at Lindero (106 holes for a total of 30,024 m).
- Goldrock campaign: September 2008 and August 2010 to November 2010, which consisted of additional drilling and metallurgical testwork at Lindero (23 holes) for the Pre-Feasibility Study.
- Goldrock campaign: May 2010 and February 2013 consisting of a drilling program and bottle roll tests at Arizaro (27 holes for a total of 8,225 m).
- Fortuna campaign: September 2016 to December 2016 consisting of 8 holes for metallurgical samples, 2 holes for geologic interpretation and 2 twin holes, all targeting the Lindero Deposit.
- Fortuna campaign: May to July 2018 consisting of 61 vertical holes for improved geological and grade estimation of material proposed for mining at Lindero, and from 2019 to 2021 to obtain fresh material for metallurgical samples.
- Fortuna campaign: July to September 2018 consisting of 12 holes to define the geology and mineralization characteristics of the magnetite breccias at the Arizaro Deposit.
- Fortuna campaign: March to April 2021, consisting of 18 holes focused on the areas planned for mining at Lindero in 2022. The purpose for the drilling campaign was similar to that for 2018, with 5 holes drilled to source samples for metallurgical column testing.
- Fortuna campaigns: October to December 2021 and April to July 2022 consisting of additional exploration drilling at Arizaro (24 holes for a total of 5,133 m).

- Fortuna campaign: March to April 2022, consisting of 10 holes for improved geological understanding focused on areas planned for mining at Lindero in 2023. The campaign included 3 holes drilled to source samples for metallurgical column testing.

The Lindero Deposit is a gold-rich porphyry with low-grade mineralization permeating throughout the deposit, making the calculation of true thickness impossible as no definitive across strike direction exists. The mineralization appears to be annular in shape at surface due to the intrusion of barren to low-grade intrusive rocks into the core of the system, but this circular shape is not representative of true thickness.

Gold–copper mineralization at Arizaro is associated with two different mineralizing events. The strongest is a non-outcropping intrusive which occurs in the north part of the porphyry with an elongated shape trending northeast to southwest for more than 400 m with an estimated average width of 60 m. The other mineralizing event is in the center of the system and is related to breccias and micro-breccias which have a semi-oval shape at surface. In the center, there is a higher-grade core with a semi-ellipsoidal form, extending north–south for 480 m with an estimated average width of 50 m.

1.6 Data verification

Fortuna conducted audits and verification of historical information as well as verifying new data generated since 2016 to support assumptions for the Mineral Resource and Mineral Reserve estimates reported in Section 14 and Section 15 of this Report. The verification process focused on the database; collars and downhole surveys; lithologic logs; assays; metallurgical results; and geotechnical parameters. Fortuna checked all collar and downhole survey information for each campaign against source documentation and completed a hand-held GPS survey of randomly selected drill hole collars. The results showed a good agreement with locations in the database. In August 2016, Fortuna initiated a comprehensive program of relogging Lindero and Arizaro core to verify the original lithologic descriptions. An additional relogging program was conducted on Arizaro historical drill core in 2021 due to geological reinterpretation based on results from the 2018 and 2021 drill campaigns.

Fortuna contracted Call & Nicholas Inc. (CNI) to validate all geotechnical data, data collection methods, slope stability analysis methods, and slope angle recommendations presented previously by other consultants to determine feasibility-level slope angle recommendations for design of the planned Lindero final pit.

The QP is of the opinion that the data verification programs performed on the data collected are adequate to support the geological interpretations, the analytical and database quality, and Mineral Resource estimation for the Lindero and Arizaro deposits.

1.7 Mineral processing and metallurgical testing

Mansfield has used commercial laboratories to execute multiple and extensive testing campaigns that have progressively optimized the metallurgical and process conditions for its permanent gold heap leach pad facility. Two initial campaigns conducted by Goldrock between 2004 and 2007 were followed by Fortuna's four major testing campaigns between 2016 and 2018 that supported the design of the industrial scale operation. Since the first ore was placed on the leach pad in July 2020, Mansfield has been using its in-house laboratory to continuously support metallurgical parameters used in the LOM.

The metallurgical testing was initially focused on leaching conditions and included bottle rolls and leaching columns of various sizes under varying conditions of leaching and agglomeration. Additional testing, particularly for the crushing plant, was performed with major technology suppliers and concluded that using high-pressure-grinding-rolls (HPGR) in the tertiary crushing stage translated in faster leaching kinetics and ultimately higher gold extraction.

The pervasive presence of copper in the Lindero Deposit reflects in the dissolution of copper during the leaching of gold. Testing of the sulfidization-acidification-recycling-thickening (SART) process was successful in removing sufficient copper quantities (59 to 74 percent) from the pregnant leach solution (PLS) to guarantee the optimal performance of the adsorption-desorption-recovery (ADR) process downstream and quality of the doré. The copper precipitate also recovered silver at a rate of more than 90 percent.

A limited, preliminary metallurgical testing of the satellite Arizaro Deposit achieved comparable results to those observed for the Lindero Deposit.

1.8 Mineral Resources

Mineral Resource estimation for the Lindero and Arizaro deposits involved the use of drill hole data in conjunction with surface mapping to construct three-dimensional (3-D) wireframes to define individual lithologic structures and oxide–mixed–sulfide horizons if present. Drill hole samples were selected inside these wireframes, coded, composited and grade top cuts applied if applicable. Boundaries were treated as either soft, firm or hard with statistical and geostatistical analysis conducted on composites identified in individual lithologic units. Gold and copper grades were estimated into a geological block model consisting of 10 m x 10 m x 8 m selective mining units (SMUs). Grades were estimated by ordinary kriging (OK) and constrained within an ultimate pit shell based on estimated metal prices, actual costs as experienced at the Lindero Mine in 2022, geotechnical constraints, and metallurgical recoveries to fulfill the ‘reasonable prospects for eventual economic extraction’. Estimated grades were validated globally, locally, and visually prior to tabulation of the Mineral Resources.

Resource confidence classification considers a number of aspects affecting confidence in the resource estimation including; geological continuity and complexity; data density and orientation; data accuracy and precision; grade continuity; and in the case of the Lindero Mine, simulated grade variability by mining period.

Mineral Resources exclusive of Mineral Reserves as of December 31, 2022 are reported in Table 1.1.

Table 1.1 Mineral Resources as of December 31, 2022

Deposit	Classification	Tonnes (000)	Au (g/t)	Cu (%)	Contained Au (koz)
Lindero	Measured	1,855	0.50	0.12	30
	Indicated	27,594	0.42	0.10	369
	Measured + Indicated	29,448	0.42	0.10	399
	Inferred	24,087	0.47	0.11	364
Arizaro	Inferred	22,146	0.39	0.15	280

Notes:

- Mineral Resources are as defined by the 2014 CIM Definition Standards for Mineral Resources and Mineral Reserves.
- Mineral Resources are exclusive of Mineral Reserves.
- Mineral Resources for the Lindero Deposit are estimated as of August 31, 2022 and reported as of December 31, 2022 taking into account production related depletion between September 1 to December 31, 2022. Mineral Resources for the Arizaro Deposit are estimated and reported as of December 31, 2022.
- Eric Chapman, P.Geo. (EGBC #36328) is the Qualified Person for mineral resources being an employee of Fortuna Silver Mines Inc.
- Lindero Mineral Resources are reported within a conceptual pit shell above a 0.23 g/t Au cut-off grade using a long-term gold price of US\$1,840/oz, average mining costs at US\$1.67 per tonne of material, with total processing and G&A costs of US\$10.32 per tonne of ore and an average process recovery of 75 %. The refinery costs net of pay factor were estimated to be US\$8.52 per ounce gold. Slope angles are based on 3 sectors (39°, 42°, and 47°) consistent with geotechnical consultant recommendations. Arizaro Mineral Resources are reported within a conceptual pit shell above a 0.25 g/t Au cut-off grade using the same gold price and costs as Lindero with an additional US\$0.52 per tonne of ore to account for haulage costs between the deposit and plant. A slope angle of 47° was used for defining the pit.
- Mineral Resource tonnes are rounded to the nearest thousand.
- Totals may not add due to rounding.

Factors that may affect the estimates include metal price and exchange rate assumptions; changes to the assumptions used to generate the cut-off grade; changes in local interpretations of mineralization geometry and continuity of mineralized zones; changes to geological and mineralization shape and geological and grade continuity assumptions; variations in density and domain assignments; geometallurgical assumptions; changes to geotechnical, mining, dilution, and metallurgical recovery assumptions; change to the input and

design parameter assumptions that pertain to the conceptual slope designs constraining the estimates; and assumptions as to the continued ability to access the site, retain mineral and surface rights titles, maintain environment and other regulatory permits, and maintain the social license to operate.

There are no other known environmental, legal, title, taxation, socioeconomic, marketing, political or other relevant factors that would materially affect the estimation of Mineral Resources or Mineral Reserves that are not discussed in this Report.

1.9 Mineral Reserves

Mineral Reserve estimates follow standard industry practices, considering only Measured and Indicated Mineral Resources as only these categories have sufficient geological confidence to be considered Mineral Reserves (CIM, 2014). Subject to the application of modifying factors, Measured Resources may become Proven Reserves and Indicated Resources may become Probable Reserves. Mineral Reserves are reconciled monthly against production to validate the estimates.

Metal prices used for Mineral Reserve estimation were determined as of June 2022 by the corporate finance department of Fortuna from market consensus. Metallurgical recoveries are based on metallurgical test work conducted on samples obtained since 2017.

A breakeven cut-off grade was determined based on all variable and fixed costs applicable to the operation. These include exploitation and treatment costs, general expenses and administrative and commercialization costs (including doré transportation).

Mineral Reserves for the Lindero Deposit as of December 31, 2022 are reported in Table 1.2. Mineral Reserves are not estimated for the Arizaro Deposit.

Table 1.2 Mineral Reserves as of December 31, 2022

Deposit	Classification	Tonnes (000)	Au (g/t)	Cu (%)	Contained Metal
					Au (koz)
Lindero	Proven	25,505	0.61	0.08	504
	Probable	53,713	0.54	0.11	937
	Proven + Probable	79,218	0.57	0.10	1,441

Notes:

- Mineral Reserves are as defined by the 2014 CIM Definition Standards for Mineral Resources and Mineral Reserves.
- Factors that could materially affect the reported Mineral Reserves include; changes in metal price and exchange rate assumptions; changes in local interpretations of mineralization; changes to assumed metallurgical recoveries, mining dilution and recovery; and assumptions as to the continued ability to access the site, retain mineral and surface rights titles, maintain environmental and other regulatory permits, and maintain the social license to operate.
- Mineral Reserves for the Lindero Deposit are reported based on open pit mining within designed pit shells based on variable gold internal cut-off grades and gold recoveries by metallurgical type. Met type 1 cut-off 0.27 g/t Au, recovery 75.4%; Met type 2 cut-off 0.26 g/t Au, recovery 78.2%; Met type 3 cut-off 0.26 g/t Au, recovery 78.5%; and Met type 4 cut-off 0.30 g/t Au, recovery 68.5%. The cut-off grades and pit designs are considered appropriate for long term gold prices of US\$1,600/oz. Assumptions used in the pit design are the same as those for the resources.
- Mineral Reserves are estimated as of August 31, 2022 and reported as of December 31, 2022 taking into account production related depletion between September 1 and December 31, 2022
- Mining recovery and dilution is accounted for during block regularization to 10 x 10 x 8 meter selective mining units.
- Raul Espinoza, FAusIMM Chartered Professional #309581 is the Qualified Person for mineral reserves, being an employee of Fortuna Silver Mines Inc.
- Mineral Reserve tonnes are rounded to the nearest thousand.

- Totals may not add due to rounding.

1.10 Mining methods

The mine at the Lindero Property is an owner-operated conventional open pit mining operation. The key mining fleet equipment is composed of six trucks with an operational capacity of 96 tonnes per unit and two 17 cubic yard wheel loaders.

Mining costs benefit from short haul distances from the pit to the primary crusher and waste dump. Maximum travel distance is in the range of 4.2 km to deliver waste to the dump at the end of the mine life. The LOM direct base mining cost is estimated at US\$ 1.65 per tonne mined.

Mineral Reserves are estimated at 79.2 million tonnes as of December 31, 2022 which is sufficient for a 12 year life-of-mine (LOM) as of January 1, 2023, consisting of an annual average mill throughput rate of 18,493 tpd. The LOM annual average production will be approximately 100 koz of gold based on an average head grade of 0.56 g/t Au. The ratio of waste to ore over the LOM is 1.36 to 1.

The QP is of the opinion that:

- The mining method being used is appropriate for the Lindero Deposit being mined.
- The open pit, stockpile, waste dump designs, and equipment fleet selection are appropriate to reach production targets.
- The mine plan is based on successful mining philosophy and planning, and presents low risk.
- Inferred Mineral Resources have not been included in the mine plan and are considered as waste.
- The mobile equipment fleet presented is based on simulations and productivity data from the current operations.
- All mine infrastructure and supporting facilities meet the needs of the current mine plan and production rate.
- Major planned maintenance of the main equipment, such as loaders and trucks, have been covered in sustaining capital by purchasing additional equipment that can replace any possible lost production hours and not impact production targets.

1.11 Recovery methods

The Lindero Mine's recovery process includes a multi-stage crushing plant, an agglomerator, a permanent leach pad, a SART plant, an ADR plant, and smelting plant to produce doré bars. Additionally, the SART plant produces a precipitate containing large fractions of copper and silver from the PLS solution.

Water is obtained from multiple wells located in the vicinity of the mine site. Electrical power is sourced through diesel generators under a rental contract. The crushing plant consists of three stages with a target final product of 80 percent passing size (P80) of minus 6-8 mm. A primary jaw crusher operating in open circuit, a secondary stage using three parallel-operating cone crushers in inverse close-circuit with its own classification screen, and a tertiary stage using a single high pressure grinding roll operating in open circuit with a recirculation of its discharge.

The agglomeration stage mixes crushed ore with cement, concentrate cyanide solution and barren solution to produce a glomer with enough mechanical competence to allow percolation of the leaching solution during the entire life of the permanent multi-lift leach pad.

A permanent multi-lift leach pad is loaded using a series of grasshoppers and a radial stacker into, typically, 60 x 60 x 10 m cells that are irrigated for a total of 75 days. Initially the cells are irrigated with intermediate leach solution (ILS) for 30 days to produce a PLS from which the gold is later recovered, followed by a further 45 days of irrigation with barren solution to produce the ILS.

Low grade-cyanide soluble copper is pervasive throughout the deposit. To guarantee the efficiency of the downstream recovery processes, as well as the quality of the doré, a SART plant removes the vast majority of the copper and silver contained in the PLS to a precipitate. The copper precipitate is sold to the open market.

The PLS solution is then processed using activated carbon in the ADR plant to produce a high gold concentrate solution (eluate) that for security reasons is transferred to the smelter area. At the smelter, gold is converted to a solid using electrowinning then smelted into a doré bar using a propane furnace.

The Lindero Mine's operational metallurgical performance is progressively improving since first ore was loaded on the leach pad in July 2020. Throughput levels have increased as the operation has improved the mechanical availability of the crushing and stacking facilities.

The Lindero Mine's accumulated gold recovery as of December 31, 2022, reached 58.03 percent, which is in line with management's expectations based on the loading of coarse size ore during the first 11 months of operation. This coarse ore accounts for 31.8 percent of the total ore tonnes and 31.1 percent of the total gold metal loaded on the leach pad as of yearend 2022. The accumulated gold recovery curve shows a consistent upward trend that will continue to increase provided Mansfield continues optimizing the performance of the crushing circuit.

1.12 Project infrastructure

The QP is confident that all mine and process infrastructure and supporting facilities have been included in the general layout to ensure that they meet the needs of the mine plan and production rate and notes that:

- The mine has good year-round access with significant road improvements undertaken for stretches of the road between Tolar Grande and the operation.
- The mine infrastructure has a compact layout footprint of approximately 60 ha.
- Major processing and support facilities located at the Lindero Mine include: primary, secondary and tertiary crushers; agglomerators; stacking system; leach pad; solution ponds; SART plant; ADR plant; power plant; truck shop; administrative offices; waste dump; warehouses; logging facility; chemical and metallurgical laboratories; and accommodation camp.
- Power is being generated on-site by a contractor through diesel-fuel generators with a hired capacity of 7.64 MW.
- Total water requirements vary between 90 and 100 m³/hr and are primarily sourced from three existing wells located approximately 13 km southeast of the Mine.

1.13 Market studies and contracts

No market studies are currently relevant as the Lindero Mine will produce a readily-saleable commodity in the form of doré.

Mansfield has 14 major contracts for services relating to operations at the mine including mining activities, drilling, civil works, transportation, electrical installations, plant and mine maintenance, and the supply of reagents, cement and explosives. Mansfield also has agreed to contracts for its main services including power generation, catering, security, personnel transportation and product sales.

A long-term price estimate of US\$1,600/oz has been applied, based on the mean consensus prices from 2022 to 2025 of US\$1,719/oz weighted at 40 percent and the 10-year historical average of US\$1,435/oz weighted at 60 percent.

The Lindero Mine product consists of doré bars containing an average of approximately 84 percent gold content for the mine life. Overall gold extraction in respect to ore placed on the heap leach is estimated to be approximately 75 percent.

The QP has reviewed the information provided by Fortuna on marketing, contracts, metal price projections and exchange rate forecasts, and notes that the information provided supports the assumptions used in this Report and are consistent with the source documents, and that the information is consistent with what is publicly available within industry norms.

1.14 Environmental studies and permitting

In November 2011, the Salta Provincial government granted the principal environmental Declaración de Impacto Ambiental (DIA) permit, which is the primary mining permit required for development of a mine, enabling a project operator to start construction and proceed to full mine operating status. The Salta Provincial government has approved the three Environmental Impact Assessment (EIA) renewals submitted by Mansfield since November 2011, granting in each case a new DIA permit with the same faculties. The last update submitted in February 2021, is under evaluation by the authority of the Mining Secretary of Salta. During the evaluation of the renewals, the last approved EIA and the DIA permits remain valid and in force until renewal approval, which is expected later in 2023.

Specific approvals and permits are required for many aspects of the Mine. All necessary permits regarding mining operations were granted in a timely manner.

Since the discovery of gold mineralization at the Property in 2000, Mansfield has provided more than 20 environmental reports describing various activities such as extraction of samples at initial stages, soil sampling, a program of geophysical surveys, and details of access roads, drilling programs, camp installation, and runways. These reports each consist of a brief description of the environmental baseline, the Lindero Mine, environmental impact, and ways to prevent and mitigate that impact.

In December 2007, Mansfield presented an extensive environmental baseline report (EBL), completed by Vector Argentina, to the Secretariat of Mining for Salta Province.

That report included sections on geology, geomorphology, hydrology, sociology, archaeology, local flora and fauna, soil types, and climate and air quality. The EBL was accepted by the Mining Judge of Salta after being examined by environmental technicians of the Secretariat of Mining and the Provincial Secretariat of Environment. There are no known current environmental liabilities for this Project.

In September 2007, Mansfield installed a weather station at the site to record temperature, humidity, wind speed and direction, precipitation, atmospheric pressure, solar radiation, and evaporation. All of these parameters are recorded on a daily basis in a database at the camp. The weather station allows the analysis of updated data daily and analysis of the data across time.

It is important to note that Mansfield has filed an advance activity report every six months since 2012, as established by DIA requirements. The last semi-annual report was submitted to the mining authorities in August 2022.

Mansfield received a mine permit to build a heap-leach gold mine for up to 30,000 tpd as detailed in the Pre-Feasibility Study (AMEC, 2010b).

Electrical, structural, building and seismic plans for the construction of the mine were reviewed and approved by COPAIPA (Dec 2013), the professional engineering institution that overlooks all construction in Salta Province. In 2017, COPAIPA approved additional permits for the construction of the agglomeration and SART plants that were added to the process design. Mansfield has obtained all necessary permits for the infrastructure that is required to support mining operations at the Lindero Mine.

Environmental risks during the closure stage will be reduced by remediation and monitoring work. At the closure stage, soil will be contoured by heavy machinery to minimize the long-term impact of mining activity and return the topography of the land to resemble prior conditions. However, the movement of soil, and thus the risk, will be significantly less than in the mining operations stage.

In November 2022, Mansfield filed a detailed closure plan report with the Secretary of Mining. This is the first detailed mine closure study presented in the Province of Salta.

One social-environmental risk will be the impact of closure on employment, directly and indirectly, to the surrounding communities. It will be imperative to implement measures to mitigate this impact during the mine's operation.

A significant environmental risk will also be present during the closure of facilities, which will cause significant production of non-hazardous industrial waste and hazardous products from the movement of heavy

machinery. It will be essential to establish clear environmental policies with the contractors during this process.

One of the priorities of Mansfield is the care and protection of the environment. During the exploration and construction phases, an attempt was made to control to the greatest extent possible any potential environmental impacts on the area. The same effort is being made in the operational stage and will be made in the closure stages of the mine. Mansfield has defined environmental principles that will enable the development of mining operations efficiently from a productivity standpoint and from an environmental perspective.

It is the opinion of the QPs that the appropriate environmental, social and community impact studies have been conducted to date for the Lindero Mine. Mansfield has maintained all necessary environmental permits that are the prerequisites for the granting of mining permits.

1.15 Capital and operating costs

Capital and operating cost estimates are based on the established cost experience gained from the operation, projected budgets, and quotes from manufacturers and suppliers. Overall, the cost estimation is of sufficient detail that, with the current experience at the Lindero Mine, Mineral Reserves can be declared. All costs are US dollars (US\$). No escalation factors have been applied to any costs, present or future capital. The total mine sustaining capital cost through the LOM is estimated to be US\$ 196.4 million.

Major sustaining capital projects planned for 2023 include leach pad phase 2 expansion (US\$ 17.5 million), heavy equipment replacement and overhaul (US\$ 7.6 million) and plant spare parts (US\$ 1.2 million).

The total LOM operating cost for the Lindero Mine is estimated at US\$ 12.90 per tonne of ore processed.

Long-term projected operating costs are based on the LOM plan, mining and processing requirements, as well as historical information regarding performance, operational and administrative support demands. Operating costs include site costs and operating expenses to maintain the operation.

1.16 Economic analysis

Fortuna is using the provision for producing issuers, whereby producing issuers may exclude the information required under Item 22 of Form 43-101F1 - *Technical Reports* for technical reports on properties currently in production and where no material production expansion is planned.

The Mineral Reserve declaration in this Report is supported by a positive cashflow for the period set out in the LOMP based on the assumptions detailed in this Report.

1.17 Other relevant data and information

Goldrock commissioned Vector Argentina SA (Ausenco; 2010) and Conhidro (2013) to conduct a hydrologic study of the Property area, during the detailing of the environment base line map and EIA study. As part of the study, the Rio Grande hydrologic basin was defined through the evaluation of various field parameters and review of satellite images. The basin was determined to be 1,687 km² in size. Exploration for groundwater resources was undertaken, and successfully identified possible sources.

A number of geotechnical studies were performed at the Lindero Deposit and reviewed by CNI from 2017 to 2022. Those studies form the basis for the pit slope estimates used in the mining model for the Lindero Mine. Included in the studies were geotechnical surveys for heap leach and waste dumps. These studies are considered by the QP to be consistent with industry practices and adequate to support mine design.

1.18 Conclusions, risks, and opportunities

This Report represents the most accurate interpretation of the Mineral Reserve and Mineral Resource available as of the effective date of this report. The conversion of Mineral Resources to Mineral Reserves for the Lindero Deposit estimate was undertaken using industry-recognized methods, and estimated operational costs, capital costs, and plant performance data. Thus, it is considered to be representative of future operational conditions. This Report has been prepared with the latest information regarding environmental and closure cost requirements.

A number of opportunities and risks were identified by the QPs during the evaluation of the Lindero Mine and Arizaro Project.

Opportunities include:

- As mining has commenced at the Lindero Deposit, additional geotechnical data is being collected from the open pit that could support an increase in final pit slope angles, potentially decreasing stripping ratios and/or increasing Mineral Reserves.
- The Arizaro Deposit is not included in the current mine plan. However, it represents upside opportunity if a satellite mine can be developed on the Property that could supplement the Lindero operation.
- Infill drilling at both the Lindero and Arizaro deposits could support the conversion of Inferred Resources to Measured or Indicated Resources and, with the appropriate studies, to Mineral Reserves. This represents additional upside potential for the planned operation.
- The Lindero Deposit remains open at depth below the pit shell constrained reported reserves and resources. An area of interest has been identified by Fortuna during the drilling campaign carried out in 2016 with drill hole LDH-126 encountering 0.97 g/t Au over a 38 m interval (refer to discussion in Section 10). This is supported by historical drilling from 2007 including drill hole LDH-86 averaging 1.06 g/t Au over a 52 m interval which bottomed in mineralization. These intercepts warrant follow-up drill testing.
- There are several local exploration targets within the concession boundary, that with further work, represent upside opportunity to identify mineralization that can potentially add to the resource base.
- As mining has commenced, blasting fragmentation analysis is being conducted on an ongoing basis to optimize mining and processing productivity and reduce costs.
- Blasting trials on interim walls could result in the steepening of bench face angles and determine if pre-splitting final walls is required.
- Usage of 50-tonne capacity civil trucks instead of 96-tonne mining trucks could reduce both acquisition capital and maintenance costs.
- Mansfield plan to execute multiple projects in 2023 in the crushing and agglomeration areas that are intended to improve the long-term mechanical availability of those facilities.
- Improvements to the radial stackers traction system will increase its mechanical availability.

Risks include:

- Vibrations are impacting infrastructure associated with the primary crusher and agglomerator, which could potentially lead to damage to the supporting structure. Mansfield has strengthened the equipment and incorporated monitoring procedures to the primary crusher to help early identification of potential issues. External consultants have been engaged to assess the vibrations to ascertain if further remediation is required.
- Failure of strategic components of critical equipment in the processing plant could have a detrimental impact on planned throughput resulting in a reduction in gold production for a specific period of the year. Mansfield monitors critical components and maintains an inventory of spare parts to reduce the potential impact of any such failure.
- Despite collection of data relating to soluble copper from blast holes since operations commenced, local behavior of cyanide-soluble copper is not fully understood and cannot be modeled due to insufficient assays from historical core. Levels of soluble copper could be higher than anticipated in certain areas of the deposit requiring adjustments to mine plans and schedules to reduce the impact in the plant. The presence of a SART plant greatly reduces the potential impact of soluble copper at the mine.

- Considerable new lithium projects are being proposed in the Salta province and there is a minor risk that one of these projects could access water from the same aquifer that the Lindero Mine uses for its supply. In addition, new projects could have an adverse impact on procurement, transportation and social conditions in the local area while increasing competition for skilled workers.
- Capital controls and duties on goods and services imported into Argentina are impacting the delivery of spare parts for mining and processing equipment, which can result in reduced equipment productivity and mechanical availability. To ensure smooth operations, the logistics area should continue to monitor and maintain a well-stocked inventory to resolve potential issues promptly. In addition, Mansfield has engaged with local suppliers to obtain spare parts to mitigate potential future mechanical problems that may arise.

1.19 Recommendations

Recommended work programs at the Lindero Mine and Arizaro Project are independent of each other and can be conducted concurrently unless otherwise stated and include:

- Continued work at the Arizaro Deposit that focuses on the controls of lithology, structure, and alteration on mineralization so as to determine the suitability of material as a potential feed for the Lindero Mine's processing facility and to support the estimation of Mineral Resources. It is recommended that a 3,000-m diamond drill program (approximately 15 holes at a 50 m spacing) is conducted as the next phase of work at a cost of approximately US\$ 670,000.
- An infill drill program at the Lindero Deposit involving the drilling of approximately 2,000-m of diamond drill holes is recommended in 2023 to improve the geological understanding of material planned for extraction in 2024. The cost of such a drill program is estimated at approximately US\$ 500,000.
- Exploration work to date on the Lindero concession has been focused on outcropping porphyry mineralization. It is recommended that Mansfield evaluate the property for mineralization beyond the two known porphyry systems at Lindero and Arizaro. For example, alteration zones and silica structures located within the concession, 2.5 km due south of the Lindero Mine, remain open for evaluation. Exploration work would primarily involve mapping and carry no additional cost to the operation.
- The cement in each lift on the heap will cure for several months before another lift is placed. It may be several years before any block of agglomerated ore receives 110 m of loading. It is recommended that a long-term stacking test be conducted to see if ageing will improve the ability of the ore to support the 110-m height with less cement. The estimated cost of the testwork is US\$ 20,000.
- A lysimeter test on site is recommended to obtain better data on evaporation and soil moisture content for improved pad water balance understanding. The estimated cost for tanks, piping, strain-gage loadcells, construction and installation is approximately US\$ 10,000.
- Field scale permeability testing of ore with design cement content versus less to no cement content is recommended to determine if the site cement requirements could be decreased. The estimated cost for a tank, flow meter, construction and installation is approximately US\$ 10,000.
- The extents of the Lindero Deposit rock quality designation (RQD) block model fails to reach the upper parts of the slope in a limited area in the southwest and north of the pit. It is recommended that new drill holes be planned to get information for the areas not covered by the RQD block model. An update of the RQD block model should be performed when this new information becomes available. The cost of a 2,000-meter geotechnical drill program to collect sufficient data is estimated at approximately US\$ 500,000.

- Geotechnical drilling at the Arizaro Deposit to verify appropriate pit slope angles. The cost of a 3,000-meter geotechnical drill program to collect sufficient data for such an analysis is estimated at approximately US\$ 750,000.
- It is recommended that Mansfield create a sulfide (pyrite) block model to proactively manage pockets of sulfide-rich waste rock (i.e. encapsulate potentially acid generating waste rock). This study can be conducted inhouse at no additional cost.
- A trade-off study is recommended to assess the option to excavate 16 m high benches without pre-splitting versus pre-splitting to excavate 8 m high benches, to steepen the pit walls. This study can be conducted inhouse at no additional cost.
- Drill and install additional piezometers (monitoring wells) to help verify aquifer adequacy and supply at approximately US\$ 100,000.
- Conduct an overall site water balance and hydrogeology study with known supply and demand parameters. The cost of this study is estimated at approximately US\$ 75,000.

In addition, it is recommended that Mansfield focus its metallurgical development on optimization initiatives including:

- The crushing and agglomeration plants may need additional reinforcement to their supporting structures. Once completed, the mechanical availability could improve along with throughput levels.
- The crushing plant's metallurgical performance is undergoing several infrastructure upgrades to consistently achieve the desired target particle size of 6-8 mm. In addition to the usual evaluation of alternative crushing chambers for the jaw and cone crushers, the HPGR's control logic should be reviewed to ensure minimal deviation from the roll's opening target set point.
- Mansfield need to continue improving the leach pad stacking system mechanical availability to increase the equipment utilization time of the agglomeration-stacking circuit. Particular attention should be paid to, the radial stacker's driving system that may need reinforcement or replacement.
- The leach pad operating practices must be supported in the metallurgical development of the in-house laboratory. The design parameters defined during the development stage of the project are to be used as a starting point and continuous internal investigations used for updating and improving the operating parameters for all unit processes to support the Lindero Mine's LOM.
- It is recommended that the metallurgical laboratory facilities be carefully monitored and continuously upgraded to meet the requirements of the operation in a timely manner.
- The Lindero Mine's electrical power supply relies 100 percent on diesel generation under a rental contract. During 2022 the average energy cost was US\$ 0.40/kWh which is high when compared to typical values in the industry but not unreasonable considering the remote nature of the operation in the Argentine puna. Mansfield are in the process of tendering bids for the installation of a solar power plant that will help provide supplementary power to the camp and other remote facilities.

All the above optimization recommendations can be conducted inhouse with associated costs incorporated into ongoing operational costs.

[End of Extract of Summary from Lindero and Arizaro Technical Report]

SCHEDULE "D"

MATERIAL PROPERTIES

San Jose Mine, Mexico

The following is the Summary from the technical report (the "San Jose Technical Report") entitled "Fortuna Silver Mines Inc.: San Jose Mine, Oaxaca, Mexico" with an effective date of December 31, 2023 prepared by Eric Chapman, P.Geo., Paul Weedon, MAIG, Raul Espinoza, FAusIMM(CP), Mathieu F. Veillette, P.Eng. and Patricia Gonzalez, MMSA(QP). This Summary is subject to certain assumptions, qualifications and procedures described in the San Jose Technical Report and is qualified in its entirety by the full text of the San Jose Technical Report which is available for viewing on SEDAR+ at www.sedarplus.ca and is incorporated by reference in this AIF, and is also filed with the SEC on EDGAR (available at www.sec.gov). Defined terms and abbreviations used herein and not otherwise defined shall have the meanings ascribed to such terms in the San Jose Technical Report.

1.1 Introduction

Fortuna Silver Mines Inc. (Fortuna) has compiled a Technical Report (the Report) on the San Jose Mine (the San Jose Project or the Project) located in Oaxaca, Mexico

The mineral rights of the San Jose Mine are held by Compania Minera Cuzcatlan S.A. de C.V. (Cuzcatlan). Cuzcatlan is a Mexican subsidiary that is 100 % indirectly owned by Fortuna and is responsible for running the underground silver-gold mine.

The Report discloses updated Mineral Resource and Mineral Reserve estimates for the Project.

Costs are in US dollars (US\$) unless otherwise indicated.

1.2 Property description, location and access

The mine is located in the central portion of the state of Oaxaca, Mexico.

The San Jose Mine area is characterized by gently sloping hills and adjoining colluvial- covered plains. Elevations above mean sea level range from approximately 1,540 m to 1,675 m. The vegetation is grasslands and thornbush that are typical of dry savannah climates being temperate in nature with an average annual temperature of 19.5°C. Mining operations are conducted on a year-round basis.

The mine site is 47 km by road south of the city of Oaxaca, which provides access to an international airport, and 0.8 km east of federal highway 175, the major highway between Oaxaca and Puerto Angel on the Pacific coast. The village of San Jose del Progreso is located 2 km to the southeast of the mine site.

1.3 Mineral tenure, surface rights and royalties

The Project consists of mineral rights for 22 mining concessions all located in the state of Oaxaca for a total surface area of approximately 47,844 hectares (ha). Tenure is held in the name of Cuzcatlan with all mining concessions having an expiry date beyond the expected mine life.

Cuzcatlan has signed 45 usufruct contracts, which have been registered before the National Agrarian Registry, with landowners to cover the surface area needed for the operation and tailings facilities.

The San Jose Mine is not subject to any back-in rights, liens, payments or encumbrances.

There are royalties attached to the mineral concessions, however, the only royalties that affect the Mineral Reserves and have been considered in the economic analysis are:

- A 1.5 % royalty to Maverix on the Reduccion Taviche Oeste concession.
- A 3 % royalty on the Progreso concession and a 1 % royalty the Reduccion Taviche Oeste concession payable to SGM.

1.4 History

The Project has a long history of small mining operations, dating from the 1850s.

Companies with involvement in the Project prior to Fortuna's interest include Pan American Silver, Minerales de Oaxaca S.A., and Continuum Resources Ltd. (Continuum). Work completed included surface and underground mapping, chip-channel sampling of the surface and underground workings, core drilling, and mining activities.

In November 2005, Fortuna reached an agreement with Continuum to earn a 70 % interest in Continuum's interests. Fortuna acquired a 100 % interest in the Project in 2009.

Work completed by Fortuna and Cuzcatlan since 2009 has included geological mapping, a remote-sensing-based geological study, airborne geophysical surveys (airborne magnetometric and gamma-ray spectrometry), fluid inclusion and petrographic studies, core and RC drilling, metallurgical testwork, mining studies, environmental baseline and supporting studies, social outreach, and underground mining activities.

Total production from the mine from September 2011 through December 31, 2023, is estimated as 66.8 Moz of silver and 457 koz of gold.

1.5 Geology and mineralization

The silver-gold deposit at the San Jose Mine is a typical low-sulfidation epithermal deposit.

The San Jose Mine area is underlain by a thick sequence of sub-horizontal andesitic to dacitic volcanic and volcanoclastic rocks of presumed Paleogene age. These units have been significantly displaced along major north and northwest-trending extensional fault systems with the precious metal mineralization being hosted in hydrothermal breccias, crackle breccias, and sheeted stockwork-like zones of quartz/carbonate veins emplaced within zones of high paleo permeability associated with the extensional structures.

The mineralized structural corridor extends for more than 3 km in a north-south direction and has been subdivided into the Trinidad deposit, San Ignacio and Victoria areas. The Mineral Resource and Mineral Reserve estimates discussed in this Report are located in the Trinidad deposit and Victoria areas.

The major mineralized structure in the Trinidad deposit area consists of a sheeted and stockwork quartz-carbonate vein system referred to as the main Stockwork Zone located between the primary Trinidad and Bonanza structures. In addition, several secondary vein systems are present locally in the hanging wall and footwall of the Trinidad and Bonanza structures.

The Victoria mineralized zone is located approximately 350 m east of the Trinidad vein and north of the current underground operations of the San Jose Mine. It is structurally related to the same extensional behavior that dominates the Trinidad deposit with a similar style of mineralization, corresponding to a low sulfidation epithermal deposit formed in a shallow crustal environment with a relatively low temperature resulting in the precipitation of silver and gold mineralization.

1.6 Drilling and sampling

As of June 30, 2023, the data cut-off date for estimation of Mineral Resources, a total of 1,460 drill holes totaling 463,774.55 m have been completed at the San Jose Mine, with the drilling being concentrated in the Trinidad deposit area and extensions to the south of the mineralized structural system.

Wide-spaced exploration drilling has also been completed in the San Ignacio area along the southern extension of the structurally controlled mineralized corridor and to the far north of the Trinidad deposit, as well as in the Victoria mineralized zone, Los Diaz, Maria and Taviche projects. All of the drilling was conducted using core drilling methods with the exception of 1,476 m of reverse circulation (RC) pre-collars in six of the 1,460 diamond drill holes.

A total of 1,110 core holes totaling 330,951.55 m have been drilled in the Trinidad deposit area and 205 holes totaling 75,229.25 m in the Victoria mineralized zone. In Trinidad, the majority of the holes have been drilled from east to west to crosscut the steeply east-dipping mineralized zone at high angles, whereas in the Victoria mineralized zone, the holes have been drilled from west to east from underground to intersect the subvertical Victoria main structure. Of the 1,315 holes, 320 have been drilled from the surface and the remainder from underground.

The core drilling typically commences with HQ-(63.5 mm diameter) core and continues to the maximum depth allowable based on the mechanical capabilities of the drill equipment. Once this point is reached or poor ground

conditions are encountered the hole is cased and further drilling undertaken with smaller diameter drilling tools with the core diameter being reduced to NQ2 (50.6 mm) or NQ-size (47.6 mm) to completion of the hole. In the Trinidad deposit, five of the drill holes were further reduced to BQ-size (36.5 mm) diameter to complete the drill holes to the target depths. All the drilling completed in the project area has been carried out by contract drilling service companies. Ground conditions are generally good with core recovery averaging 99 %.

Surface drill hole collars were surveyed using differential global positioning system (GPS) and total station survey methods. Concrete monuments are constructed at each collar location recording the drill hole name, azimuth, inclination and total depth. At locations where the drill hole collar is located in a cultivated field, the collar monument is constructed approximately 50 cm below the actual surface.

Underground drill hole collars were surveyed using total station survey methods. Concrete monuments similar to those used for surface collars are constructed to mark the location with the drill hole name, azimuth, inclination and total depth recorded.

Down-hole surveys have been completed for 1,443 of the 1,460 drill holes completed as of the data cut-off date. For the 17 holes where downhole surveys are not recorded, all of which were drilled prior to 2007 with only three being drilled in the Trinidad deposit. The azimuth and dip orientation of these holes was recorded at the collar to account for drilling direction. The absence of downhole surveys in three of the 1,315 holes drilled at Trinidad and Victoria is not regarded as material to the Mineral Resource estimate.

Downhole surveys are typically completed at 50 m intervals although recent drill holes include downhole surveys at 10 m intervals until reaching 50 m depth and then at 50 m intervals thereafter. All downhole surveys have been carried out by the drilling contractor using Reflex electronic downhole survey tools.

As of the effective date of this Report, drilling has been conducted at the Trinidad deposit over a strike length of approximately 2,500 m and to depths exceeding 1,000 m from surface. Exploration drilling has generally increased in depth to the north. Drilling of the Victoria mineralized zone has been conducted over a strike length of approximately 1,700 m and covers a vertical extent of approximately 550 m, with upper holes intersecting the structure approximately 250 m below the surface.

The relationship between the sample intercept lengths and the true width of the mineralization varies in relation to the intersect angle between the steeply dipping zone of mineralized veins and the inclined nature of the diamond core holes. Calculated estimated true widths are always reported together with actual sample lengths by taking into account the angle of intersection between drill hole and the mineralized structure.

In 2018, all logging became digital, being incorporated daily into the Maxwell Datashed database system. Data were initially recorded using Excel templates, and later with the Maxwell LogChief application using essentially the same structure. Both input methods used picklists and data validation rules to ensure consistency between loggers. Separate pages were designed to capture metadata, lithology, alteration, minerals (sulfides, oxides, and limonite), structure (contacts, fractures, veins, and faults with attitudes to core axis). Intensity of alteration phases was recorded using a numeric 1 to 4 scale (weak, moderate, strong, complete).

Geotechnical logging consists of the collection of specified data fields including recovery percentage and rock quality designation (RQD) length. Joint filling and joint weathering were described. A tablet-based data entry program was developed by Cuzcatlan using the Maxwell LogChief software. Data checks are implemented into this program to prevent entry of erroneous data.

The sampling methodology, preparation, and analyses differ depending on whether it is drill core or a channel sample. All samples are collected by Cuzcatlan geological staff with sample preparation and analysis being conducted either at the onsite Cuzcatlan Laboratory or transported to the ALS Global preparation facility in Guadalajara prior to being sent on for analysis at their laboratory in Vancouver.

The Cuzcatlan Laboratory used since 2012 for assaying channel samples was accredited as a testing laboratory with the requirements of ISO/IEC 17025:2005 for sample preparation and assaying of silver and gold on March 2, 2018. Prior to this date, the laboratory was not certified. The Cuzcatlan Laboratory is not independent of Fortuna/Cuzcatlan.

The ALS Global Laboratory is an independent, privately-owned analytical laboratory group. The Vancouver laboratory holds ISO 17025 accreditation. The Mexican laboratory holds ISO 9001:2000 certification.

The SGS Laboratory used by Cuzcatlan as an umpire laboratory is an independent privately-owned analytical laboratory located in Durango, Mexico and holds ISO/IEC 17025:2005 accreditation for sample preparation and assaying.

Channel chip samples are generally collected from the face of newly exposed underground workings. The entire process is carried out under the mine geology department's supervision. Sampling is carried out at 3 m intervals within the drifts and stopes of all veins. The channel's length and orientation are identified using paint in the underground working and by painting the channel number on the footwall. The channel is typically approximately 20 cm wide and approximately 1 to 2 cm deep, with each individual sample preferably being no smaller than 0.4 m and no longer than 1.5 m.

Drill core is laid out for sampling and logging at the core logging facility at the camp. Sample intervals are marked on the core and depths recorded on the appropriate box. A geologist is responsible for determining and marking the drill core intervals to be sampled, selecting them based on geological and structural logging. The sample length must not exceed 2 m or be less than 20 cm.

All samples collected by Cuzcatlan are assayed by atomic absorption (AA) spectroscopy and by fire assay (FA) with gravimetric finish. For drill samples only, a full suite of trace elements is analyzed using an aqua regia digestion followed by inductively-coupled plasma (ICP) analysis. Assay results and certificates are reported electronically by e-mail. Since mid- 2018, the onsite laboratory has also assayed channel samples and selected composites for fluorine using a selective ion electrode technique.

Bulk density samples have been primarily sourced from drill core with a limited number being sampled from underground workings. Bulk density measurements are performed at the ALS Global Laboratory in Vancouver using an industry-standard wax coated water immersion technique.

Sample collection and transportation of drill core and channel samples is the responsibility of and the Cuzcatlan mine geology and brownfields exploration departments and must follow strict security and chain of custody requirements established by Fortuna. Samples are retained in accordance with the Fortuna corporate quality assurance/quality control (QAQC) procedures.

Fortuna implemented a full QAQC program to monitor the sampling, sample preparation and analytical process for all drilling campaigns in accordance with its companywide procedures. The program involved the routine insertion of certified reference materials, blanks, and duplicates. Evaluation of the QAQC data indicates that the data are sufficiently accurate and precise to support Mineral Resource estimation.

1.7 Data verification

Data verification programs performed by the QPs on the data collected by Cuzcatlan are adequate to support Mineral Resource and Mineral Reserve estimation.

1.8 Mineral processing and metallurgical testing

Initial metallurgical test work was completed in support of pre-feasibility studies with Cuzcatlan continuing to build on this original work with additional tests to support operational requirements.

Work completed included whole rock analysis, Bond ball mill work index, grind calibration, rougher flotation test work with three stages of cleaning, locked cycle flotation test work and rougher kinetics flotation. Data was used to design the process plant, which has been in operation for 12 years, since 2011.

It is the opinion of the QP that the San Jose Mine has an extensive body of metallurgical investigation comprising several phases of testwork as well as an extensive history of treating ore at the operation since 2011. In the opinion of the QP, the San Jose metallurgical samples tested and the ore that is presently treated in the plant is representative of the material included in the life-of-mine plan (LOMP) in respect to grade and metallurgical response. In 2022, the geology department provided 25 samples from the Victoria mineralized zone for testing. The metallurgical recoveries obtained for silver head grades in the range of 120-160 g/t were 87.7-90.1% for gold (Au) and 88.1-89.7% for silver (Ag). Therefore, the samples exhibit a metallurgical recovery trend similar to the current operation within that range of Ag head grades. Additionally, mineralogy did not detect any mineral types different from those currently being processed at the Trinidad deposit.

Metallurgical recovery is estimated to be constant for the LOMP at 90.54 % for silver and 89.82 % for gold. Differences between vein systems are minimal with regard to recovery.

There is no indication that the characteristics of the material planned for mining will change and therefore the recovery assumptions applied for future mining are considered as reasonable for the LOMP.

Deleterious elements detected in ore in specific parts of the deposit have the potential to affect economics due to potential smelting penalties, including elevated levels of fluorine (>1,000 ppm). These levels have been considered in the financial analysis.

Iron-oxide minerals (hematite) have been identified in ore processed from mineralization associated with the highest levels of the mine. Elevated iron-oxide has been found to lower metallurgical recovery in the plant by approximately 5 %. Testwork is ongoing to optimize the plant to maximize recovery from this material that will potentially be processed in batches so as not to impact the recovery of sulfide ore.

1.9 Mineral Resources

Mineral Resource estimation involved the usage of drill hole and channel samples in conjunction with underground mapping to construct three-dimensional wireframes to define individual vein structures. Samples were selected inside these wireframes, coded, composited and top cuts applied if applicable. Boundaries were treated as hard with statistical and geostatistical analysis conducted on composites identified in individual veins. Silver and gold grades were estimated into a geological block model consisting of 4 m x 4 m x 4 m selective mining units (SMUs) representing each vein. All veins were estimated by ordinary kriging (OK) with risk analysis conducted by sequential Gaussian simulation. Estimated grades were validated globally, locally, visually, and (where possible) through production reconciliation prior to tabulation of Mineral Resources.

Resource confidence classification considers a number of aspects affecting confidence in the resource estimation including: geological continuity and complexity; data density and orientation; data accuracy and precision; grade continuity; and simulated grade variability. Mineral Resources were classified as Measured, Indicated and Inferred on a combination of the distance to the nearest sample, kriging efficiencies, and the slope of regression.

Mineral Resources are reported based on underground mining within mineable stope shapes based on actual operational costs and mining equipment sizes using silver equivalent grades in the block model calculated based on the projected long term metal prices and actual metallurgical recoveries experienced in the plant using the following formula:

$$\text{Ag Eq (g/t)} = \text{Ag (g/t)} + (\text{Au (g/t)} * ((1,880/23.90) * (91/90))).$$

Mineral Resources are reported above a cut-off grade of 130 g/t Ag Eq based on operating costs of US\$ 84.94/t comprised of US\$ 38.31/t for mining, US\$ 20.79/t for plant, and US\$ 25.92 for all other costs including general services and administration, distribution, community and social relations.

By the application of a silver equivalent value taking into consideration the average metallurgical recovery and long-term metal prices for each metal, and the determination of a reasonable cut-off grade using actual operating costs, as well as the exclusion of Mineral Resources identified as being isolated or economically unviable using a floating stope optimizer, the Mineral Resources have 'reasonable prospects for eventual economic extraction'.

Mineral Resources exclusive of Mineral Reserves as of December 31, 2023, are reported in Table 1.1. Mineral Resources that are not Mineral Reserves do not have demonstrated economic viability. Mineral Resources are reported insitu, using the 2014 CIM Definition Standards. Eric Chapman P. Geo, a Fortuna employee, is the Qualified Person for the estimate.

Table 1.1 Mineral Resources as of December 31, 2023

Classification	Tonnes (000)	Ag (g/t)	Au (g/t)	Contained Metal	
				Ag (Moz)	Au (koz)
Measured	45	141	1.09	0.2	2
Indicated	1,001	148	1.11	4.7	36
Measured + Indicated	1,046	147	1.11	5.0	37
Inferred	1,029	147	1.04	4.9	35

Notes:

- Mineral Resources are reported insitu, using the 2014 CIM Definition Standards for Mineral Resources and Mineral Reserves.
- Mineral Resources are exclusive of Mineral Reserves. Mineral Resources that are not Mineral Reserves, do not have demonstrated economic viability.
- Mineral Resources are reported as of December 31, 2023.
- Mr. Eric Chapman, P. Geo., a Fortuna employee, is the Qualified Person for the estimate.
- Mineral Resources are reported based on underground mining within optimized stope designs using a cut-off grade of 130 g/t Ag Eq based on assumed metal prices of US\$ 23.90/oz Ag and US\$ 1,880/oz Au, estimated metallurgical recovery rates of 91 % for Ag and 90 % for Au ($\text{Ag Eq (g/t)} = \text{Ag (g/t)} + (\text{Au (g/t)} * ((1,880/23.90) * (91/90)))$), and an average mining cost of US\$ 38.31/t, processing cost of US\$ 20.79/t and other costs including general administrative & services and distribution of US\$ 25.92.
- Mineral Resource tonnes are rounded to the nearest thousand.
- Totals may not add due to rounding.

Factors that may affect the estimates include metal price and exchange rate assumptions; changes to the assumptions used to generate the cut-off grade; changes in local interpretations of mineralization geometry and continuity of mineralized zones; changes to geological and mineralization shape and geological and grade continuity assumptions; variations in density and domain assignments; geometallurgical assumptions; changes to geotechnical, mining, dilution, and metallurgical recovery assumptions; changes to input and design parameter assumptions that pertain to the conceptual stope designs constraining the estimates; and assumptions as to the continued ability to access the site, retain mineral and surface rights titles, maintain environment and other regulatory permits, and maintain the social license to operate.

1.10 Mineral Reserves

Mineral Reserves were converted from Measured and Indicated Mineral Resources. Inferred Mineral Resources were set to waste.

Mineral Reserves assume overhand cut and fill (OCF) or sublevel stoping (SLS) mining methods.

The overall mining recovery is approximately 92 % which takes into account the presence of pillars in wide veins and crown pillars for each main level of the mine.

Two sources of dilution were considered, operational dilution and mucking dilution. Operational dilution for OCF averages 13.4 % if a zero grade for the waste material is applied. In the case of SLS, the operation dilution averages 16.7 %. Mucking dilution was estimated as 1 % and applied to both mining methods.

Metal prices used for Mineral Reserve estimation were determined as of June 2023 by the corporate financial department of Fortuna based on market consensus.

Metallurgical recoveries were based on metallurgical testwork and operational results at the plant from July 2022 to June 2023.

Net smelter return (NSR) values were dependent on various parameters including metal prices, metallurgical recovery, price deductions, refining charges and penalties.

A breakeven cut-off grade was determined based on all variable and fixed costs applicable to the operation. These include exploitation and treatment costs, general expenses and administrative and commercialization costs (including concentrate transportation). The cut-off grade determination does not include costs associated with management fees, community support activities, institutional relations, capital expenditures, SG&A expenses, Brownfields exploration or closure costs., with the expectation that these costs will be covered by the operations cash flow or by Fortuna. The breakeven cut-off grade was determined to be 150 g/t Ag Eq for OCF and 132 g/t Ag Eq for SLS. For the Reduccion Taviche Oeste concession where an additional 2.5 % royalty is payable, the cutoff was 153 g/t Ag Eq cut-off for OCF and 135 g/t Ag Eq for SLS. For the Progreso mineral concession where a 3% royalty may be payable, the break-even cut-off grade would be increased to 154 g/t Ag Eq in OCF and 136 g/t Ag Eq in SLS.

SLS mining will be used for 82 % of the total Mineral Reserves with OCF mining representing the remainder.

Mineral Reserves as of December 31, 2023, are reported in Table 1.2. Mineral Reserves are reported at the point of delivery to the process plant, using the 2014 CIM Definition Standards. The Qualified Person for the estimate is Mr. Raul Espinoza, FAusIMM (CP), a Fortuna employee.

Table 1.2 Mineral Reserves as of December 31, 2023

Classification	Tonnes (000)	Ag (g/t)	Au (g/t)	Contained Metal	
				Ag (Moz)	Au (koz)
Proven	37	172	1.23	0.2	1.5
Probable	695	155	0.97	3.5	21.7
Proven + Probable	733	156	0.98	3.7	23.1

Notes:

- Mineral Reserves are reported at the point of delivery to the process plant using the 2014 CIM Definition Standards.
- Mineral Reserves are reported as of December 31, 2023.
- Mr. Raul Espinoza, FAusIMM (CP), a Fortuna employee, is the Qualified Person for the estimate.
- Mineral Reserves are reported based on underground mining within optimized stope designs using an NSR breakeven cut-off for cut and fill mining methods of US\$ 96.54/t, equivalent to 150 g/t Ag Eq and an NSR breakeven cut-off for sublevel stoping mining methods of US\$ 85.02/t, equivalent to 132 g/t Ag Eq. An additional 2.5 % royalty is applied to the cut-off for Mineral Reserves mined from the Reduccion Taviche Oeste concession and a 3.0 % royalty is applied to the cut-off for Mineral Reserves mined from the Progreso concession.
- Metal prices used in the NSR evaluation are US\$ 23.90/oz for silver and US\$ 1,880/oz for gold.
- Metallurgical recovery values used in the NSR evaluation are 90.5 % for silver and 89.8 % for gold based on actual plant recoveries.
- NSR values taking into account refining charges used in the estimation are US\$ 20.08/oz for silver and US\$ 1,586.16/oz for gold with the exception of material located in the Reduccion Taviche Oeste concession where NSR values are US\$ 19.57/oz for silver and US\$ 1,546.31/oz for gold and Progreso concession where NSR values are US\$ 19.47/oz for silver and US\$ 1,538.34/oz for gold.
- Costs used in NSR breakeven cut-off determination are US\$ 49.83/t for cut and fill mining method; US\$ 38.31/t for sublevel stoping mining method; US\$ 20.79/t for processing; and US\$ 25.92/t for other costs including distribution, general service and administration.
- Mining recovery is estimated to average 92 % and mining dilution is estimated at 17 %.
- Mineral Reserve tonnes are rounded to the nearest thousand.
- Totals may not add due to rounding.

1.11 Mining methods

Mining uses conventional underground methods, consisting of OCF and SLS.

Geotechnical recommendations used in the mine design are based on a combination of rock mass rating and geotechnical strength index data.

Water inflows are currently managed using five pumping stations installed at different levels of the mine. One future pumping station is planned for construction in 2024, in accordance with the LOMP requirements.

Mineral Reserves are estimated at 0.7 million tonnes as of December 31, 2023, which is sufficient for a one-year LOMP consisting of 350 days at an average mill throughput rate of 2,100 tonnes per day (tpd). Production in 2024 is estimated to be approximately 3.2 Moz of silver and 20 koz of gold based on an average head grade of 156 g/t Ag and 0.98 g/t Au. Mine life will be complete by the end of 2024 unless additional Mineral Reserves are discovered through exploration drilling or reduction in costs.

Access to the San Jose underground mine is from surface through a main ramp. The San Jose Mine has been designed with a separation of 100 m between levels primarily to limit blast vibration but also to assist with hanging wall and footwall stability.

Transportation of ore and waste is performed via trucks with a 14 m³ and 7 m³ of capacity through the main and secondary ramps.

The ventilation requirements for the mine to produce 2,100 tpd is 615,593 cfm. The ventilation system brings all the intake air through the main ramp and three main airway networks. Exhaust air is forced to the surface from inside the mine by three principal fans, two operating at 250,000 cfm and one at 120,000 cfm.

The mine uses two kinds of backfill; waste rock backfill generated during underground mining and paste fill.

The mobile equipment fleet is based on the current mining operations, which is known to achieve the production targets set out in the LOMP.

Mine infrastructure and supporting facilities are sufficient for the remaining LOMP.

1.12 Recovery methods

The process design is based on metallurgical testwork completed on samples from the deposit. The design and equipment are conventional.

The process plant design is split into four principal stages including: crushing; milling; flotation; and thickening, filtering and shipping. The plant has a 3,000 tpd throughput rate.

Energy requirements at the operation are provided by a State power line of 115 kV which supplies two power transformers of 7 to 8 MVA capacity.

The plant requires 2.7 m³ of water to process one tonne of ore, of which 92 % comes from the recirculation process, and the remaining 8 % from the waste-water treatment plant in Ocotlan.

The plant uses conventional reagents, including a frother, collectors, flocculant and a depressor.

1.13 Project infrastructure

The mine has a relatively small surface footprint with the property boundary split into two parts, a north area covering the operational footprint, and a south area covering the area of the tailings storage facility.

Infrastructure consists primarily of the concentration plant, electrical power station, water storage facilities, filtered dry stack tailings facility, tailings dam, stockpiles, and workshop facilities, all connected by unsealed roads.

Additional facilities include offices, dining hall, laboratory, core logging and core storage warehouses.

All process buildings and offices for operating the mine have been constructed, with camp facilities not required due to the proximity of the site to urban areas.

The tailings facility is located approximately 1,500 m to the southwest of the concentration plant. The current dry stack tailings facility has a total capacity to 4,033,000 m³, which is sufficient for the LOMP.

The mine currently has one waste stockpile used for storing waste material that could not be effectively disposed of underground. There is sufficient remaining capacity for LOMP requirements.

The mine currently has two ore stockpiles which store low-grade silver ore, or material pending evaluation (due to mixing of different ore types).

Tractor trailers that can transport two 25 t containers each are used to transport concentrate by road to the port of Veracruz in the State of Veracruz for subsequent shipping to purchasers in 400 to 600 t lots.

Power is provided to the mine from the main grid via a 115,000-volt circuit, as well as a secondary reserve power supply line, all managed by Federal Electricity Commission (CFE).

1.14 Market studies and contracts

Since the operation commenced commercial production in September 2011, a corporate decision was made to sell the concentrate on the open market. In order to get the best commercial terms for the concentrates, it is Fortuna's policy to sign contracts for periods no longer than one year. In 2023 Cuzcatlan agreed a short-term contract to sell concentrate to Trafigura PTE LTD (15,000 t) and Arrow Metals (15,000 t) for 12 months.

All commercial terms entered between the buyer and Cuzcatlan are regarded confidential but are considered to be within standard industry norms.

The QPs have reviewed the key input information and consider that the data reflect a range of analyst predictions that are consistent with those used by industry peers. Based on these sources, price projections are considered acceptable as consensus prices for use in mine planning and financial analyses for the San Jose Mine in the context of this Report.

A price estimate of US\$23.90/oz for silver and US\$1,880/oz for gold has been applied, based on mean consensus prices projected for 2024.

Cuzcatlan has used a Mexican peso exchange rate of 19 pesos to the US dollar for financial analysis purposes, which conforms with general industry-consensus.

Cuzcatlan has 14 major contracts for services relating to operations at the mine regarding: mining activities, ground support, raise boring, drilling, transportation, electrical installations, plant and mine maintenance, explosives and civil works. The costs of such contracts are accounted for in the capital and operating expenditure depending on work performed. Contracts are negotiated and renewed as needed. Contract terms are typical of similar contracts in Mexico that Fortuna is familiar with.

The QP has reviewed the information provided by Fortuna on marketing, contracts, metal price projections and exchange rate forecasts and notes that the information provided supports the assumptions used in this Report and is consistent with the source documents, and that the information is consistent with what is publicly available within industry norms.

1.15 Environmental studies and permitting

Numerous baseline and supporting studies were completed, covering areas including climate, air and water quality, hydrology, soil, flora, fauna, ecosystem characterization, identification of protected areas and archaeology.

No significant environmental risks were identified in the environmental baseline studies. During the operation stage, environmental risks and mitigation measures for the operation stage are determined on an annual basis.

Cuzcatlan has an environmental management and monitoring plan that includes follow-up on environmental programs for flora and fauna management, management of urban solid waste, special waste, hazardous waste, and mining waste, as well as a surface and groundwater monitoring plans, environmental noise monitoring, monitoring of the survival rate of flora included in reforestation programs, and a wildlife monitoring plan. Sustainability indicators have also been defined and their performance monitored monthly.

The mining operation has been developed in strict compliance with the Mexican regulations and permits required by the government agencies involved in the mining sector. In addition, all work follows the international quality and safety standards set forth under standards ISO 14001 and OHSAS 18000.

To the extent known, all permits that are required by Mexican law for the mining operation have been obtained. The tailings facility has sufficient storage capacity to support the currently reported Mineral Reserves and LOMP.

Cuzcatlan continues developing sustainable annual programs for the benefit of local communities, including educational, nutritional and economic programs. The social and environmental responsibilities support a good relationship between the company and local communities. This will aid the development and continuity of the mining operation and improve the standard of living and economies of local communities.

The mine plan anticipates closure of the operation in late 2024. The Company has assigned a dedicated team to review and update a multiyear progressive mine closure and monitoring plan with a current estimated budget of US\$ 27 million, which will begin its implementation during 2024. Multiple considerations are being included such as closure-related technical studies and designs, remediation of affected areas, decommissioning and removal of infrastructure, landform reshaping, revegetation, and value-added activities for the communities associated with progressive closure, repurposing, and where appropriate, long-term monitoring and maintenance, whilst adhering to strict compliance with mine closure governmental regulations and high international standards.

1.16 Capital and operating costs

As the mine has entered its last planned year of operation, sustaining capital expenses such as mine development meters, infill drilling, mine equipment and other necessary expenses have been considered as part of operating costs and covered by the projected cash flow generation in 2024.

The projected operating costs are based on the LOMP mining and processing requirements for 2024, as well as historical information regarding performance, operational and administrative support demands.

Operating costs include site costs and operating expenses to maintain the operation. These operating costs are analyzed on a functional basis and the cost structure is not similar to the operating costs reported by the financial statements published by Fortuna Silver Mines Inc.

Site costs relate to activities performed on the property including mine, plant, indirect and distribution of the commercial products. Community relations and capital expenditure costs are projected to be covered by Cuzcatlan's cash flows in 2024. Brownfields explorations costs and closure costs sustained after mining activities have ceased are planned to be paid by Fortuna's cash flow from its four other operating mines.

Projected operating costs for the LOMP are detailed in Table 1.3.

Table 1.3 Summary of projected operating costs in 2024

Area	Units	Q1	Q2	Q3	Q4	Total
Mine	US\$/t	60	56	43	39	48
Plant	US\$/t	29	29	20	19	23
Indirect	US\$/t	31	31	21	19	24
Distribution	US\$/t	8	9	7	7	8
Community Relations	US\$/t	5	6	4	3	4
Capital expenditure	US\$/t	15	24	10	6	12
Total	US\$/t	148	155	104	93	120

1.17 Economic analysis

Fortuna is using the provision for producing issuers, whereby producing issuers may exclude the information required under Item 22 for technical reports on properties currently in production and where no material production expansion is planned.

The global after-tax financial results exhibit a negative outcome when factoring in exploration costs and the total mine closure cost. However, the projected financial outcome for 2024, considering only operational costs, shows a positive result. Fortuna expresses its commitment to covering Brownfields exploration costs for 2024 and the subsequent expenses upon cessation of mining operations using funds derived from corporate profits. Given this, the QP believes it is reasonable to continue mining operations throughout the planned operational period in 2024 to alleviate the negative financial and social results of mine closure and support the current Mineral Reserve declaration under two assumptions:

- Fortuna will cover the mines Brownfields exploration and closure costs at the corporate level.
- Adequate financial support is secured from Fortuna's other mining units, which, as per plans, will be operational until 2035 and are expected to generate sufficient proceeds to cover closure costs at San Jose.

1.18 Conclusions

An economic analysis was performed in support of the estimation of Mineral Reserves that, when costs associated with Brownfields exploration and closure were excluded, demonstrated a positive cash flow that provides the QP reasonability to continue mining operations through the planned operational period in 2024 while a more detailed closure plan for the mine is prepared.

1.19 Risks and opportunities

Opportunities include:

- Improvements in mining productivity through optimizing the mining cycle. As shotcreting comprises a significant component of the mining cycle, tests are being done to reduce the curing time from three to two hours which would improve the mining cycle.
- Completing the raise bore initiatives currently underway in the central and northern zones of the Trinidad deposit. This will ensure 100 % air coverage throughout the remainder of the mine life.
- Definition of Mineral Reserves associated with higher-grade mineralization identified in the Victoria mineralized structure.
- Exploration potential exists for the Yessi vein, a new blind zone of alteration and brecciation that has been interpreted as striking northwest to southeast and intersecting the Victoria mineralized zone, where drilling has intercepted some high-grade gold and silver mineralization.

Risks include:

- On January 2, 2023, SEMARNAT served Cuzcatlan a resolution confirming the nullity of the previously granted 12-year EIA extension. Cuzcatlan challenged the annulment of the EIA via a nullity trial presented before the Federal Administrative Court in Mexico City on January 10, 2023. On October 30, 2023, the Mexican Federal Administrative Court ruled in favor of Cuzcatlan and re-instated the 12-year EIA. The decision of the Mexican Federal Administrative Court has been appealed and was admitted by the Collegiate Court in January 2024.

Cuzcatlan filed a response with the Collegiate Court in February 2024. A decision of the Collegiate Court is expected within the next six to 12 months. The permanent injunction that Cuzcatlan already has remains in effect.

- Metallurgical recovery could be lower than estimated in ore that is estimated to have an elevated iron oxide content, which represents approximately 30 % of the plant feed in the LOMP.

1.20 Recommendations

Recommendations for the next phase of work have been broken into those related to ongoing exploration activities and those related to additional technical and operational studies. Recommended work programs are independent of each other and can be conducted concurrently unless otherwise stated. The exploration-related programs are estimated at a total cost of US\$3.94 million. The operational improvement studies are recommended to be conducted in-house and therefore do not involve a direct cost.

1.20.1 Exploration activities

- **Exploration of the Trinidad deposit.** It is recommended that Cuzcatlan continue to explore Trinidad central sector and exploration of the behavior of the Trinidad system at depth to investigate the potential for mineralization being hosted by the Mesoproterozoic basement. The program would involve the drilling of 3,300 m of core at an estimated cost of US\$ 450,000.
- **Exploration of the Yessi vein.** It is recommended that Cuzcatlan continue to explore Yessi vein discovered in August 2023 to better define the geometry of the structures and establish the continuity in mineralization. Recommended drilling includes 4,000 m of core at an estimated cost of US\$ 690,000.
- **Exploration of the Taviche Corridor.** An extensive and systematic field exploration program has been carried out since 2020 including a drone magnetometric assessment, structural analysis, fluid inclusion studies and detailed field work activities resulting in the definition of a first stage drilling program proposal including 4,600 m in 17 core holes over six structures with geological potential, including the San Juan, San Juan 2, Pastal, San Francisco, Consuelos and San Nicolas areas; at an estimated cost of US\$ 1,500,000. The execution of this exploration program is dependent on obtaining the necessary permits from the government and may not be executed if such permits are denied.
- **Exploration of the Maria vein.** This vein was first explored in 2017 with 3 holes, defining the presence of a dilational region in the convergence of the Maria vein and the footwall of the Trinidad vein. It is recommended that Cuzcatlan continue to explore the possible kinematic indicators related to extension in the footwall of the Trinidad trend south of the current operations with the drilling of 1,500 m of core at an estimated cost of US\$ 290,000.
- **Other exploration programs.** The Guila prospect, located on the Reduccion Tlacolula 2 concession of the San Jose mining property, has been identified as an area that has high potential for the discovery of epithermal veins based on detailed surface mapping. It is recommended that permits be obtained to allow targets to be drilled on this concession. If permits are obtained a drill program consisting of 9,000 m of core holes at an estimated cost of US\$ 1,400,000 is recommended.

1.20.2 Technical and operational studies

- **Delineation (infill) drilling.** It is recommended that Cuzcatlan continue the delineation drilling from underground of the Trinidad deposit and Victoria mineralized zone. A total of 20,600 m of core drilling is recommended at a budgeted cost of US\$ 2,200,000.

- **Assess the mining potential of the Victoria mineralized zone.** A detailed evaluation is recommended to determine the economic viability of accessing and mining the higher-grade zones of the Victoria mineralized structure. This will be completed utilizing the operations resources and part of normal operating cost.
- **Bulk density measurements.** It is recommended that the number of bulk density measurements be increased in secondary veins. If sufficient measurements are obtained, bulk density can be estimated rather than the presently used density assignment methodology.
- **Mining method.** As part of the continuous improvement initiatives to reduce mining cost and to increase mine productivity, it is recommended to continue with the mining evaluation and geomechanical conditions for each stope, considering the possibility of increasing the mining height using the SLS method from 20 m to 25 m where possible.
- **Mining dilution.** The mine should continue enhancing its blasting practices to minimize excessive host rock over breaking, which can lead to increased unplanned dilution.
- **Optimization of plant based on metallurgical testwork results for mineralization located in the upper levels of the mine.** The operation has identified a decrease in metallurgical recovery by approximately 5 % associated with mineralization from the upper levels of the mine, which recent mineralogical analysis indicates is related to the presence of hematite (iron-oxide). Additional metallurgical testwork has been initiated with results expected by the end of March 2024. Based on these results, it is recommended that the processing methodology is optimized to maximize metallurgical recovery by processing this mineralized material in batches. The budgeted cost of these tests is US\$ 10,000.

[End of Extract of Summary from San Jose Technical Report]

SCHEDULE "E"

MATERIAL PROPERTIES

Caylloma Mine, Peru

The following is the Summary from the technical report (the "Caylloma Technical Report") entitled "Fortuna Silver Mines Inc.: Caylloma Mine, Caylloma District, Peru" with an effective date of December 31, 2023 prepared by Eric Chapman, P.Geo., Paul Weedon, MAIG, Raul Espinoza, FAusIMM (CP), Mathieu F. Veillette, P.Eng. and Patricia Gonzalez, MMSA QP. This Summary is subject to certain assumptions, qualifications and procedures described in the Caylloma Technical Report and is qualified in its entirety by the full text of the Caylloma Technical Report which is available for viewing on SEDAR+ at www.sedarplus.ca and is incorporated by reference in this AIF, and is also filed with the SEC on EDGAR (available at www.sec.gov). Defined terms and abbreviations used herein and not otherwise defined shall have the meanings ascribed to such terms in the Caylloma Technical Report.

1.1 Introduction

Fortuna Silver Mines Inc. (Fortuna) has compiled a Technical Report (the Report) on the Caylloma Mine (the Caylloma Project or Project) located in the Caylloma District, Peru.

The Caylloma Mine ownership is 100 % held by Fortuna.

The mineral rights of the Caylloma Mine are held by Compania Minera Bateas S.A.C. (Bateas). Bateas is a Peruvian subsidiary that is 100 % indirectly owned by Fortuna and is responsible for running the underground silver-lead-zinc mine.

The Report discloses updated Mineral Resource and Mineral Reserve estimates for the Project.

Costs are in US dollars (US\$) unless otherwise indicated.

1.2 Property description, location and access

The Caylloma Mine is located in the Puna region of Peru at an altitude of between 4,300 and 5,000 meters above sea level (masl). Surface topography is generally steep with vegetation being primarily comprised of grasses and small shrubs common at high altitudes. The mine facilities are located at approximately 4,400 masl.

Access to the Caylloma Mine is by a combination of sealed and gravel road. The mine is located 225 road kilometers from Arequipa, a city of approximately a million people that includes an international airport and requires a trip of approximately five hours by vehicle. Access is available to all concessions via a network of unsealed roads.

The Caylloma Mine is an operating underground mine located in the Caylloma Mining District, 14 km northwest of the town of Caylloma at the UTM grid location of 8192263E, 8321387N, (WGS84, UTM Zone 19S).

1.3 Mineral tenure, surface rights and royalties

The Caylloma Project consists of mineral rights for 74 mining concessions for a total surface area of 35,622 hectares (ha) and one beneficiation concession comprising 91.12 ha. Tenure is held in the name of Bateas with all mining concessions having an expiry date beyond the expected mine life.

Bateas has signed 22 surface right or easement contracts covering a total of 8,311 ha with landowners to cover the surface area needed for the operation and tailings facilities.

The Caylloma Mine is not subject to any back-in rights, liens, payments or encumbrances.

There are royalties attached to the mineral concessions, however, the only royalties that affect the Mineral Reserves and have been considered in the economic analysis are:

- A 2 % royalty on silver production to Nueva Granada Gold Ltd. (formerly Lemuria Royalties Corp.).
- A 1 % royalty or an effective rate based on operating profit (whichever is greater) to the Peruvian Government has been taken into account in predicting cash flows.
- A Special Tax on Mining based on the quarterly operating profit of the mining concession holder.

1.4 History

The earliest documented mining activity in the Caylloma District dates back to that of Spanish miners in 1620. English miners carried out activities in the late 1800s and early 1900s. Numerous companies have been involved in mining the district of Caylloma but limited records are available to detail these activities.

The Caylloma Mine was acquired by Compania Minera Arcata S.A. (CMA), a wholly owned subsidiary of Hochschild Mining plc in 1981. Fortuna acquired the mine from CMA in 2005.

CMA focused exploration on identifying high-grade silver vein structures. Exploration was concentrated in the northern portion of the district and focused on veins including Bateas, El Toro, Paralela, San Pedro, San Cristobal, San Carlos, Don Luis, La Plata, and Apostles.

Production prior to 2005 came primarily from the San Cristobal vein, as well as from the Bateas, Santa Catalina and the northern silver veins (including Paralela, San Pedro, and San Carlos) with production focused on silver ores and no payable credits for base metals. While under CMA management production parameters fluctuated during the late 1990s, as reserves were depleted. Owing to low metal prices, funds were not available to develop the Mineral Resources at depth or extend along the strike of the veins. Ultimately this resulted in production being halted in 2002.

Production under Bateas management focused on the development of polymetallic veins producing lead and zinc concentrates with silver and gold credits. Total production since October 2006 through December 31, 2023, is estimated at 23.4 Moz of silver, 36 koz of gold, 193 kt of lead, and 272 kt of zinc.

1.5 Geology and mineralization

The mine is within the historical mining district of Caylloma, northwest of the Caylloma caldera complex and southwest of the Chonta caldera complex. Host rocks at the Caylloma Mine are volcanic in nature, belonging to the Tacaza Group. Mineralization is in the form of low to intermediate sulfidation epithermal vein systems.

Epithermal veins at the Caylloma Mine are characterized by minerals such as pyrite, sphalerite, galena, chalcopyrite, marcasite, native gold, stibnite, argentopyrite, and silver-bearing sulfosalts (tetrahedrite, polybasite, pyrargyrite, stephanite, stromeyerite, jalpita, miargyrite and bournonite). These are accompanied by gangue minerals, such as quartz, rhodonite, rhodochrosite, johannsenite (manganese-pyroxene) and calcite.

There are two different types of mineralization at Caylloma; the first is comprised of silver-rich veins with low concentrations of base metals and includes the Bateas, Bateas Piso, Bateas Techo, La Plata, Cimoide La Plata, San Cristobal, Pilar, Patricia, San Pedro, San Carlos, Paralela, Ramal Piso Carolina, and Don Luis II veins. The second type of vein is polymetallic in nature with elevated lead, zinc, copper, silver and gold grades and includes the Animas, Animas NE, Comoide ASNE, Ramal Techo ASNE, Rosita, Nancy Santa Catalina, Silvia and Soledad veins.

Underground operations are presently focused on mining the Animas, Animas NE, Nancy and associated splay veins.

1.6 Exploration, drilling and sampling

CMA implemented a series of exploration programs to complement their mining activities prior to the closure of the operation in 2002. There is no reliable information available to detail the exploration conducted by CMA at the Caylloma Mine. Bateas were able to recover and validate information on 47 diamond drill holes totaling 8,177.67 m drilled by CMA between 1981 and 2003 at the Caylloma Mine.

Since Fortuna took ownership of the property in 2005, the principal exploration conducted at the deposit has been surface and underground drilling, to explore the numerous vein structures identified through surface

mapping or geophysical surveys conducted by Bateas, or for infill purposes to increase the confidence level of the Mineral Resource estimates.

As of June 30, 2023, Bateas had completed 1,658 drill holes on the Caylloma Project totaling 283,593.30 m since the company took ownership in 2005 and represents all data compiled as of the data cut-off date used for Mineral Resource estimation. All holes are diamond drill holes and include 565 from the surface totaling 160,521.80 m, and 1,093 from underground totaling 123,071.50 m. It is important to note that not all the holes presented encountered mineralization and only drill holes in areas where reasonable geological continuity of mineralized structures could be established were used in defining and ultimately estimating Mineral Resources.

Bateas has used a number of different drilling contractors to carry out exploration and definition drilling since it took ownership of the mine in 2005. Both HQ (63.5 mm) and NQ (47.6 mm) diameter core were obtained, depending on the depth of the hole. Ground conditions are generally good with core recovery averaging 94 % and higher in mineralized zones.

Proposed surface and underground drill hole collar coordinates, azimuths and inclinations were designed based on the known orientation of the veins and the planned depth of vein intersection using geological plan maps and sections as a guide. For surface holes, the location of the collar is located in the field using differential global positioning system (GPS) instruments. The drill pad is then prepared at this marked location. Upon completion of the drill hole, a survey of the collar is performed using Total Station equipment, with results reported in the collar coordinates using reference Datum WGS84, UTM Zone 19S. For underground drill holes, once the drill station has been established, the location of the collar is located using Total Station instruments based on previously surveyed control points.

The geologist in charge of drilling is responsible for orienting the azimuth and inclination of the hole at the collar using a compass clinometer. Downhole surveys are completed by the drilling contractor using survey equipment such as a Flexit or Reflex tool at approximately 50 m intervals for all surface drill holes and for underground drill holes greater than 100 m in length. Bateas assesses the downhole survey measurements as a component of data validation.

Drill holes are typically drilled on sections spaced 40 to 60 m apart along the strike of the vein with surface drilling focusing on exploring the extents of the Animas, Animas NE, Bateas and Nancy veins and underground drilling used for a mix of exploration and resource definition. The extent of drilling varies for each vein with those having the greatest coverage having drill holes extending over 3 km of the vein's strike length (Animas/Animas NE), to exploration prospects having only a few drill holes extending over just 50 m (Antimonio).

The relationship between the sample intercept lengths and the true width of the mineralization varies in relation to the intersect angle between the steeply dipping zone of mineralized veins and the inclined nature of the diamond core holes. Calculated estimated true widths (ETWs) are always reported together with actual sample lengths by taking into account the angle of intersection between drill hole and the mineralized structure.

In 2018, all logging became digital, being incorporated daily into the Maxwell Datasheet database system. Data were recorded initially with Excel templates, and later with the Maxwell LogChief application using essentially the same structure. Both input methods used picklists and data validation rules to ensure consistency between loggers. Separate pages were designed to capture, lithology, alteration, veins, sulfide-oxide zones, minerals, structure (contacts, fractures, veins, and faults with attitudes to core axis), magnetic susceptibility, and special data (samples collected for geochemistry, thin section examinations, the core library, density, etc.). Intensity of alteration phases was recorded using a numeric 1 to 4 scale (weak, moderate, strong, very strong); abundance of veins and most other minerals were estimated in volume percent.

Geotechnical logging is conducted prior to cutting of the core and involves the collection of drill core recovery and rock-quality designation (RQD) data. Information is recorded in the field using the Maxwell LogChief application.

The sampling methodology, preparation, and analyses differ depending on whether it is drill core or a channel sample. All samples are collected by geological staff of Bateas with sample preparation and analysis being

conducted either at the onsite Bateas Laboratory or transported to the ALS Global preparation facility in Arequipa prior to being sent on for analysis at their laboratory in Lima.

The Bateas Laboratory operated by Bateas is not independent and does not hold an internationally recognized accreditation.

ALS Global is an independent, privately-owned analytical laboratory group. The preparation laboratory in Arequipa and the analytical laboratory in Lima are supported by a Quality Management System (QMS) framework which is designed to highlight data inconsistencies sufficiently early in the process to enable corrective action to be taken in time to meet reporting deadlines. The QMS framework follows the most appropriate ISO Standard for the service at hand i.e. ISO 9001:2015 for survey/inspection activity and ISO 17025:2005 UKAS ref 4028 for laboratory analysis.

Channel samples are collected from the faces of underground workings. The entire process is carried out under the geology department's supervision. Sampling is carried out at 2 m intervals within the drifts of all veins and 3 m intervals in stopes (except for Bateas and Soledad, where due to the thickness of the vein, sampling is carried out every 2 m in stopes). The channel lengths and orientations are identified using paint in the underground working and by painting the channel number on the footwall. The channel is between 20 cm to 30 cm wide and approximately 2 cm deep, with each individual sample being no longer than 1.5 m.

Drill core is laid out for sampling and logging at the core logging facility at the camp. Sample intervals are marked on the core and depths recorded on the appropriate box. A geologist is responsible for determining and marking the drill core intervals to be sampled, selecting them based on geological and structural logging. The sample length must not exceed 1.2 m or be less than 30 cm.

The elements of silver, copper, lead and zinc are assayed using either; atomic absorption (AA); inductively coupled plasma atomic emission spectroscopy (ICP-AES); or for high lead and zinc grades volumetric/titration techniques (VOL); or for high silver grades gravimetric techniques (GRAV) depending on the laboratory and assay value. Assay results and certificates are reported electronically by e-mail.

Bulk density samples have been primarily sourced from drill core with a limited number being sampled from underground workings. Bulk density measurements are performed at the ALS Global Laboratory in Lima using the OA-GRA09A methodology.

Sample collection and transportation of drill core and channel samples is the responsibility of Brownfields exploration and the Bateas mine geology departments and must follow strict security and chain of custody requirements established by Fortuna. Samples are retained in accordance with the Fortuna corporate sample retention policy.

Implementation of a quality assurance/quality control (QAQC) program is current industry best practice and involves establishing appropriate procedures and the routine insertion of certified reference material (CRMs), blanks, and duplicates to monitor the sampling, sample preparation and analytical process. Fortuna implemented a full QAQC program to monitor the sampling, sample preparation and analytical process for all drilling campaigns in accordance with its companywide procedures. The program involved the routine insertion of CRMs, blanks, and duplicates. Evaluation of the QAQC data indicates that the data are sufficiently accurate and precise to support Mineral Resource estimation.

1.7 Data verification

Data verification programs performed by the QPs on the data collected by Bateas are adequate to support Mineral Resource and Mineral Reserve estimation.

1.8 Mineral processing and metallurgical testing

It is the opinion of the QP that the Caylloma Mine has an extensive body of metallurgical investigation comprising several phases of testwork as well as an extensive history of treating ore at the operation since 2006. In the opinion of the QP, the Caylloma metallurgical samples tested and the ore that is presently treated in the plant is representative of the material included in the life-of-mine (LOM) in respect to grade and metallurgical response.

Metallurgical recovery values forecast in the LOM for sulfide material averages 82 % for silver, 22 % for gold, 89 % for lead, and 89 % for zinc with the exception of gold rich veins (> 1 g/t Au) where testwork has demonstrated that minor adjustments in the processing plant can achieve metallurgical recovery rates of 85 % for silver, 55 % for gold, 87 % for lead and 89 % for zinc.

Until 2012, ore identified as containing high zinc oxide content was classified as not amenable for flotation. Laboratory and plant tests conducted since 2013 include metallurgical testing of material from the different levels of the Animas vein. The main conclusion was that zinc oxide contents greater than 0.20 % within the ore were related to lower metallurgical recoveries. In order to include this type of material without affecting the metallurgical recoveries blending has to be performed to limit the oxide material content to no more than 11 % of the plant feed. This has been considered in the LOM plan.

Beyond the blending consideration for oxide material, as described above, there are no additional deleterious elements that require special treatment in the plant as of the effective date of this Report.

1.9 Mineral Resources

The 2023 Mineral Resource update has relied on channel and drill hole sample information obtained by Bateas since 2005. Mineralized domains identifying potentially economically extractable material were modeled for each vein and used to code drill holes and channel samples for geostatistical analysis, block modeling and grade interpolation by ordinary kriging or inverse distance weighting.

Resource confidence classification considers a number of aspects affecting confidence in the resource estimation including; geological continuity and complexity; data density and orientation; data accuracy and precision; and grade continuity. Mineral Resources are categorized as Measured, Indicated or Inferred. The criteria used for classification includes the number of samples, spatial distribution, distance to block centroid, kriging efficiency (KE) and slope of regression (ZZ).

Mineral Resources are reported based on underground mining within mineable stope shapes based on actual operational costs and mining equipment sizes using net smelter return (NSR) values in the block model calculated based on the projected long-term metal prices, commercial terms, and actual metallurgical recoveries experienced in the plant.

Veins classified as wide, being on average greater than two meters, are amenable to extraction by semi-mechanized mining methods with a mine to mill cost reported as US\$ 89.78/t. Taking into account a 15% upside in metal prices for the evaluation of long-term resources a US\$ 75/t NSR cut-off value is applied to the wide veins including Animas, Animas NE, Ramal Techo ASNE, Cimoide ASNE, Nancy, Rosita, and San Cristobal.

Veins classified as narrow, being on average less than 2 m, are amenable to extraction by conventional mining methods with a mine to mill cost estimated as US\$ 170/t. Taking into account a 15% upside in metal prices for the evaluation of long term resources a US\$135 /t NSR cut-off value is applied to the narrow veins including Bateas, Bateas Piso, Bateas Techo, La Plata, Cimoide La Plata, Soledad, Santa Catalina, Silvia, Ramal Piso Carolina, Paralela, San Carlos, San Pedro, Patricia, Pilar, and Don Luis II.

By the application of a NSR value taking into consideration the average metallurgical recovery and long-term metal prices for each metal, and the determination of a reasonable cut-off value using actual operating costs, as well as the exclusion of Mineral Resources identified as being isolated or economically unviable using a floating stope optimizer, the Mineral Resources have 'reasonable prospects for eventual economic extraction'.

Mineral Resources exclusive of Mineral Reserves for the Caylloma Mine are reported as of December 31, 2023, and detailed in Table 1.1

Table 1.1 Mineral Resources as of December 31, 2023

Category	Tonnes (000)	Ag (g/t)	Au (g/t)	Pb (%)	Zn (%)	Contained Metal			
						Ag (koz)	Au (koz)	Pb (kt)	Zn (kt)
Measured	524	98	0.30	2.09	3.16	1,646	5	11	17
Indicated	1,262	82	0.21	1.47	2.54	3,338	9	19	32
Measured + Indicated	1,786	87	0.24	1.65	2.72	4,983	14	29	49
Inferred	4,505	99	0.43	2.43	3.70	14,382	63	110	167

Notes on Mineral Resources

- Mineral Resources are reported in situ, as defined by the 2014 CIM Definition Standards for Mineral Resources and Mineral Reserves.
- Mineral Resources as reported exclusive of Mineral Reserves. Mineral Resources that are not Mineral Reserves do not have demonstrated economic viability.
- Mineral Resources are reported as of December 31, 2023.
- Mr. Eric Chapman P.Geol., a Fortuna employee, is the Qualified Person for the estimate.
- Point metal values (taking into account metal price, concentrate recovery, smelter cost, metallurgical recovery) used for NSR evaluation are US\$ 0.49/g for silver, US\$ 15.40/% for lead, and US\$ 15.58/% for zinc with the exception of gold rich veins that used US\$ 0.51/g for silver, US\$ 24.69/g for gold, US\$ 14.88/% for lead, and US\$ 15.48/% for zinc, based on metal prices of US\$ 21/oz for silver, US\$ 1,600/oz for gold, US\$ 2,000/t for lead and US \$2,600/t for zinc, and metallurgical recovery values of 82 % for silver, 22 % for gold, 89 % for lead, and 89 % for zinc, with the exception of gold rich veins that used 85 % for silver, 55 % for gold, 87 % for lead, and 89 % for zinc.
- Mineral Resources for veins classified as wide (Anima, Animas NE, Cimoide ASNE, Nancy, Rosita, and San Cristobal) are reported above an NSR cut-off value of US\$ 75/t. Mineral Resources for veins classified as narrow (all other veins) are reported above an NSR cut-off value of US\$ 135/t based on actual and projected mining costs and a 15% upside in metal prices.
- Mineral Resource tonnes are rounded to the nearest thousand.
- Totals may not add due to rounding.

Factors that may affect the Mineral Resource estimates include metal price and exchange rate assumptions; changes to the assumptions used to generate the cut-off grade; changes in local interpretations of mineralization geometry and continuity of mineralized zones; changes to geological and mineralization shape and geological and grade continuity assumptions; variations in density and domain assignments; geometallurgical assumptions; changes to geotechnical, mining, dilution, and metallurgical recovery assumptions; change to the input and design parameter assumptions that pertain to the conceptual stope designs constraining the estimates; and assumptions as to the continued ability to access the site, retain mineral and surface rights titles, maintain environment and other regulatory permits, and maintain the social license to operate.

1.10 Mineral Reserves

Mineral Reserves were converted from Measured and Indicated Mineral Resources. Inferred Mineral Resources were set to waste.

Mineral Reserves assume overhand cut and fill or sublevel stoping mining methods.

The overall mining recovery is approximately 94 % which takes into account the presence of pillars in wide veins and crown pillars for each main level of the mine.

Two sources of dilution were considered, operational dilution and mucking dilution. Operational dilution for cut and fill (mechanized – breasting) averages 17 % if a zero grade for the waste material is applied and this represents 91 % of the total reserves estimated. Other mining methods applied in less tonnage are cut and fill (mechanized – enhanced) averages 21 %, cut and fill (semi-mechanized) average 22 % and conventional cut and fill averages 34 %. For Sublevel longhole stoping, the calculation of the mining width estimated is 0.8 m (0.6 m for hangingwall and 0.2 m for footwall) with a minimum mining width of 0.8, then minimum stope shape dimension of 1.6m.

Metal prices used for Mineral Reserve estimation were determined as of June 2023 by the corporate financial department of Fortuna based on market consensus.

Metallurgical recoveries were based on metallurgical test work and operational results at the plant from July 2022 to June 2023.

Net smelter return (NSR) values were dependent on various parameters including metal prices, metallurgical recovery, price deductions, refining charges and penalties.

A breakeven cut-off grade was determined based on all variable and fixed costs applicable to the operation. These include exploitation and treatment costs, general expenses and administrative and commercialization costs (including concentrate transportation). The breakeven cut-off grade was determined to be US\$ 89.78/t for mechanized (breasting); US\$ 79.70/t for mechanized (enhanced); US\$ 88.81/t for sub-level stoping (SLS); US\$ 93.27/t for semi-mechanized; and US\$ 170/t conventional.

Mechanized (breasting) cut and fill mining will be used for 91 % of the total Mineral Reserves, with the other methods representing the remainder.

Mineral Reserves as of December 31, 2023, are reported in Table 1.2.

Table 1.2 Mineral Reserves as of December 31, 2023

Category	Tonnes (000)	Ag (g/t)	Au (g/t)	Pb (%)	Zn (%)	Contained Metal			
						Ag (koz)	Au (koz)	Pb (kt)	Zn (kt)
Proven	20	261	0.94	2.23	2.62	165	0.6	0.4	0.5
Probable	2,269	81	0.13	2.79	4.06	5,924	9.3	63.2	92.0
Proven +Probable	2,288	83	0.13	2.78	4.04	6,089	9.9	63.6	92.5

Notes on Mineral Reserves

- Mineral Reserves are reported at the point of delivery to the process plant using the 2014 CIM Definition Standards.
- Mineral Reserves are reported as of December 31, 2023.
- Raul Espinoza, FAUIMM (CP), a Fortuna employee, is the Qualified Person for the estimate.
- Mineral Reserves are reported based on underground mining within optimized stope designs using an NSR breakeven cut-off for extraction including; mechanized (breasting) at US\$ 89.78/t; mechanized (enhanced) at US\$ 79.70/t; sub-level stoping (SLS) at US\$88.81/t; semi-mechanized at US\$ 93.27/t; and conventional at US\$ 170/t.
- Metal prices used in the NSR evaluation are US\$ 21/oz for silver, US\$ 1,600/oz for gold, US\$ 2,000/t for lead, and US\$ 2,600/t for zinc.
- Metallurgical recovery rates used for NSR values are 82% for Ag, 22% for Au, 89% for Pb and 89% for Zn except for gold rich veins (>1 g/t Au) that use 85% for Ag, 55% for Au, 87% for Pb and 89% for Zn and include the Soledad, Cimoide La Plata, La Plata, Pilar, San Pedro, and Ramal Piso Carolina veins.
- Mining, processing and administrative costs used to determine NSR cut-off values were estimated based on second half of 2022 and first half of 2023 actual operating costs.
- Mining recovery is estimated to average 94 % with mining dilution ranging from 10 % to 34 % depending on the mining methodology.
- Tonnes are rounded to the nearest thousand.
- Totals may not add due to rounding.

1.11 Mining methods

The mining method employed at the Caylloma Mine is primarily cut-and-fill, which is commonly used in the mining of steeply dipping orebodies in stable rock masses. Cut-and-fill is a bottom-up mining method that consists of removing ore in horizontal slices, starting from a bottom undercut and advancing upwards. The operation bases its mining plan on a mix of mechanized, semi-mechanized, and conventional extraction methods based on vein width and rock quality.

Geotechnical recommendations used in mine design are based on a combination of rock mass rating and geotechnical strength index data.

Water inflows are currently managed using three pumping stations installed at different levels of the mine. Main pumping station at level 17 is under construction and expected to be completed in January 2024 with testing and commissioning in February 2024.

The mining production period extends from 2024 to 2028, almost 5 years. At full production the planned mining rate is 1,500 tpd (543,000 tonnes per annum). Planned LOM production is 2.3 Mt at an average silver grade of 83 g/t, gold grade of 0.14 g/t, lead grade of 2.79 %, and zinc grade of 4.03 %.

Access to the Caylloma underground mine is from surface through a main ramp. The Caylloma Mine has been designed with a separation of 100 m between levels primarily to limit blast vibration but also to assist with hanging wall and footwall stability.

Transportation of ore and waste is done via trucks with a 15 m³ of capacity through the main and secondary ramps.

The ventilation requirements for the Animas underground mine to produce 1,500 tpd is 345,100 cfm based on the utilization of the planned mining equipment. Air intake is through the RB 509 N and the main access ramp for levels 7 (NE), 8, 9 and 12 which represents an estimated 356,855 cfm. Ventilation is controlled by three principal fans, two operating at 120,000 cfm and one at 100,000 cfm.

The mine uses two kinds of backfill; waste rock backfill generated during underground mining and hydraulic backfill.

The mobile equipment fleet is based on the current mining operations, which are known to achieve the production targets set out in the LOM.

Mine infrastructure and supporting facilities are sufficient for the remaining LOM.

1.12 Processing and recovery methods

The process design is based on metallurgical testwork completed on samples from the deposit. The design and equipment are conventional.

The process plant design is split into four principal stages including: crushing; milling; flotation; and thickening, filtering and shipping. The plant has a 1,500 tpd throughput rate.

Energy requirements at the operation are provided by a state power line of 15 kV. The maximum power demand for the plant is 2300 kW.

The processing plant water consumption is 2.45 m³/t to process one tonne of ore. Approximately 74 % (1.82 m³/t) is recovered from the tailings facility and pumped back to the plant to be re-used in the process along with 26 % (0.63 m³/t) fresh water collected from the mine and pumped to Level 9 to send it to the plant.

The plant uses conventional reagents, including a frother, collectors, flocculant and a depressor.

1.13 Project infrastructure

All mine and process infrastructure and supporting facilities are in place at the operation with only an increase in tailings storage facility in 2026 and designation of underground waste disposal area required to meet the needs of the mine plan and production rate beyond 2025.

The Caylloma Mine has infrastructure consisting primarily of the concentration plant, electrical power station, water storage facilities, tailings facilities, stockpiles, and workshop facilities, all connected by unsealed roads. Additional structures located at the mine include offices, dining hall, laboratory, core logging and core storage warehouses. The mine site infrastructure has a footprint of 91.12 ha associated with the Huayllacho beneficiation concession.

All process buildings, offices, and camp facilities for operating the mine have been constructed.

The current tailings storage facility (TSF N° 3) is located approximately 4 km to the south of the concentration plant. The tailings facility has a current incremental capacity of 921,000 m³, sufficient to handle tailings until the end of 2026 based on current production levels, with an expansion required for completion in 2026 to provide sufficient capacity for the LOM.

The mine currently has a single surface waste stockpile used for storing waste material that could not be effectively disposed of underground. There is sufficient remaining capacity for LOM requirements based on the currently defined underground waste disposal areas that are sufficient to the end of 2025 and the identification of an additional waste storage area on Level 8 of the Animas vein.

The mine currently has one ore stockpile which is used for blending or plant feed if underground mining is temporarily stopped.

The maximum power demand for the operation is 7800 kW provided mainly through the national power grid and three diesel generators on site to cover the shortfall and provide backup.

Water demand at the Caylloma Mine is 60 l/s, including 10 l/s for the camp. Approximately 70 % of the processing plant total water consumption is recovered from tailings facility N° 3 with the other 30 % from fresh water provided by the Santiago River.

1.14 Market studies and contracts

Since the operation commenced production in October 2006, a corporate decision was made to sell the concentrate on the open market. In order to get the best commercial terms for the concentrates, it is Fortuna's policy to sign contracts for periods no longer than one year. All commercial terms entered between the buyer and Bateas are regarded confidential, but are considered to be within standard industry norms.

Fortuna established the metal pricing for Mineral Resources and Mineral Reserves using a consensus approach based on long-term analyst and bank forecasts prepared in May 2023. A long-term price estimate of US\$ 21/oz for silver and US\$ 1,600/oz for gold has been applied, based on the mean consensus prices from 2024 to 2026 of US\$ 24.00/oz of silver and US\$ 1,788/oz for gold weighted at 40 % and the 10-year historical average of US\$ 19.1/oz for silver and US\$ 1,452/oz for gold weighted at 60 %.

Bateas has used a Peruvian sol exchange rate of 3.6 soles to the US dollar for financial analysis purposes, which conforms with general industry-consensus.

Bateas has eight major contracts for services relating to operations at the mine regarding: mining activities, ground support, raise boring, drilling, transportation, electrical installations, plant and mine maintenance, explosives and civil works. The costs of such contracts are accounted for in the capital and operating expenditures depending on work performed. Contracts are negotiated and renewed as needed. Contract terms are typical of similar contracts in Peru that Fortuna is familiar with.

The QP has reviewed the information provided by Fortuna on marketing, contracts, metal price projections and exchange rate forecasts and notes that the information provided support for the assumptions used in this Report and are consistent with the source documents, and that the information is consistent with what is publicly available within industry norms.

1.15 Environmental studies and permitting

The mining operation has been developed under strict compliance of norms and permits required by public institutions associated with the mining sector. Furthermore, all work follows quality and safety international norms as set out in ISO 14001 and OHSAS 18000.

In addition to these norms and permits obtained from the environmental department, the operation also ensures that all environmental activities are regularly monitored and recorded as part of the quality control measures that are presented to the Ministry of Energy and Mining (MEM) and other legal regulatory organizations.

Of particular importance is monitoring of the quality of river water in the area. This activity involves monitoring the Santiago River, being the main river that passes through the property, employing people from the local communities to verify the results.

Bateas has a very strong commitment to the development of neighboring communities of the Caylloma Mine. In this respect, Bateas is committed to sustainable projects, direct support and partnerships that build company engagement in local communities while respecting local values, customs and traditions. The company aims to develop projects or programs based on respect for ethno-cultural diversity, open communication and effective interaction with local stakeholders that improve education, health and infrastructure.

Mine closure is included in the environmental program. For 2024 a total of US\$ 471,000 has been budgeted for the ongoing closure plan and environmental liabilities. The closure plan is performed to ensure compliance with the programs and plans submitted to the MEM. Budgeted mine closure costs for the LOM total US\$ 16.1 million.

1.16 Sustaining capital and operating costs

Capital and operating cost estimates are based on established cost experience gained from current operations, projected budget data and quotes from manufacturers and suppliers.

The capital and operating cost provisions for the LOM plan that supports Mineral Reserves have been reviewed. The basis for the estimates is appropriate for the known mineralization, mining and production schedules, marketing plans, and equipment replacement and maintenance requirements.

The QP considers the capital and operating costs estimated for the Caylloma Mine as reasonable based on industry-standard practices and actual costs observed for 2023.

All remaining capital costs are considered to be sustaining capital costs.

Capital costs include all investments in ongoing mine development, infill drilling, mine equipment overhaul and components, infrastructure necessary to sustain the continuity of the operation. The capital costs are split into three areas: mine development; equipment and infrastructure; and mine closure and site rehabilitation.

Mine development includes the main development and infrastructure of the mine through the generation of ramps, ventilation raises, and extraction levels. Infill delineation drilling is included under mine development costs as this activity has the objective of increasing the confidence in currently defined Mineral Resources, and Brownfields exploration drilling is included regarding planned activities for the coming year.

Equipment and infrastructure costs are attributed to mine infrastructure in the Animas NE vein and energy capacity expansion for the plant and other minor equipment acquisition and spare parts.

Mine closure costs are attributed to site rehabilitation costs required to remediate the area where the mine is located and to meet mine closure requirements.

The capital cost estimate is summarized in Table 1.3. **Table**

Table 1.3 Summary of projected major capital costs for the LOM

Capital Cost Item (MUS\$)	2024	2025	2026	2027	2028
Development	3.61	5.89	2.52	2.87	0.00
Brownfields	0.24	0.00	0.00	0.00	0.00
Infill drilling	0.74	0.50	0.50	0.50	0.50
Mine Development & Brownfields	4.59	6.39	3.02	3.37	0.50
Mine	6.07	0.98	1.32	4.08	0.00
Plant	0.36	0.13	0.09	0.03	0.00
Tailings dam	0.44	3.61	5.41	0.31	0.00
Maintenance and Energy	6.18	1.68	0.23	0.00	0.00
General services	1.07	2.89	0.15	0.23	0.00
Equipment and Infrastructure	14.11	9.29	7.20	4.64	0.00
Mine Closure & Site Rehabilitation	0.47	0.07	2.10	1.90	11.52
Total Capital Expenditure*	19.17	15.75	12.32	9.91	12.02
*Numbers may not add due to rounding					

Long-term projected operating costs are based on the LOM mining and processing requirements, as well as historical information regarding performance, operational and administrative support demands.

Operating costs include site costs and operating expenses to maintain the operation. These operating costs are analyzed on a functional basis and the cost structure is not similar to the operating costs reported by the financial statements published by Fortuna.

Site costs relate to activities performed on the property including mine, plant, general services, and administrative service costs. Other operating expenses include costs associated with concentrate transportation and community support activities.

Projected operating costs for the LOM are detailed in Table 1.4.

Table 1.4 Life-of-mine operating costs

Area	Units	2024	2025	2026	2027	2028
Mine	US\$/t	45.3	44.1	42.4	41.9	43.2
Plant	US\$/t	15.7	12.2	12.2	12.2	12.2
General Services	US\$/t	16.4	16.4	16.4	16.4	16.4
Administrative Services	US\$/t	12.0	12.1	12.1	12.1	12.0
Management Fee	US\$/t	1.7	1.8	1.8	1.8	1.7
Distribution	US\$/t	7.4	7.1	7.3	7.1	7.2
Community Support Activities	US\$/t	1.2	1.2	1.2	1.2	1.2
Total	US\$/t	99.8	94.8	93.3	92.6	93.9

1.17 Economic analysis

Fortuna is using the provision for producing issuers, whereby producing issuers may exclude the information required under Item 22 for technical reports on properties currently in production and where no material expansion in production is planned.

Mineral Reserve declaration is supported by a positive cashflow for the period set out in the LOM based on the assumptions detailed in this Report.

1.18 Conclusions

An economic analysis was performed in support of the estimation of Mineral Reserves. This indicated a positive cash flow using the assumptions and parameters detailed in this Report.

1.19 Risks, and opportunities

Opportunities include:

- Reduction in overall pumping costs through improvements to the mine dewatering system resulting in reduced power consumption and maintenance requirements.
- Potential to expand the ore processing capacity at the plant. The conceptual study indicates a possible business case to increase production to 2,200 tpd and requires further studies to confirm its feasibility.
- Potential to expand current resources through exploration of the Animas NE vein with mineralization remaining open to the northeast and at depth.

Risks include:

- An expansion of the current tailings storage facility TSF N° 3 will be required for stage (3C) to cover the current production levels up to LOM requirements. A permit will be required for the expansion, and although there is no guarantee this will be granted, Bateas is confident that if the application is submitted in a timely manner, the permit should be granted based on previous permit applications.
- Bateas management occasionally receives requests from local authorities and/or civil organizations regarding unrealistic social expectations. Bateas are mitigating the risk of conflict regarding these demands by working with local authorities, landowners, and communities to address expectation levels and to take requests into account in preparing its annual community relations work program and budget.
- TSF N° 2 provides a small capacity (two months) as a contingency plan for tailings storage. It is currently being used as a temporary cyclone / tailings classification facility. TSF N° 2 is planned for decommissioning in 2025 when a new cyclone plant is planned to be operational adjacent to the mill. A site investigation study was conducted in the third quarter of 2023 to sample foundation materials and laboratory testing is planned for January 2024. Engineering trade off analysis is expected to be completed by the end of the second quarter 2024 to determine closure costs associated with this facility. TSF N° 2 closure costs are currently unknown.

1.20 Recommendations

Recommendations for the next phase of work have been broken into those related to ongoing exploration activities and those related to additional technical and operational studies. Recommended work programs are independent of each other and can be conducted concurrently unless otherwise stated. The exploration phase is estimated to cost \$ 980,000 with an additional technical studies phase estimated to cost \$ 180,000. Depending on results from these phases a plant expansion pre-feasibility study phase may be executed at an estimated cost of approximately \$ 1,000,000.

1.20.1 Exploration

- **Exploration.** It is recommended that Bateas continue surface mapping of key areas of interest including Antacollo, Condorcoto, Santa Rosa and Antimonio, as well as geophysical surveys at Llocococha to identify potential future drill targets. The budgeted cost of the surface mapping activities is \$ 244,000 (excluding personnel costs).
- **Delineation (infill) drilling.** Bateas is planning to continue the delineation drilling from underground in 2024 focusing on the lower levels of ore shoot 3 in the Animas NE vein. A total of 20 drill holes totaling 4,027 m is planned at a budgeted total cost of \$ 736,000.
- Technical and operational studies
- **Review of mining methodology.** The width of mineralization and rock quality varies greatly throughout the deposit. It is recommended that an evaluation of mining method be conducted to assess potential implementation of the SLS mining method applied to high grade Au-Ag veins, additionally to review an increment on the bench height of the SLS stopes from 13.5 m to 20 m. The study could be conducted in-house or externally, with an external cost estimated at \$ 80,000.
- **Review of mine cost optimization.** It is proposed to do a cost optimization study in order to identify operational bottlenecks where savings can be found both in mine, auxiliary services and plant. The estimated cost of the study is \$ 100,000.
- **Plant expansion pre-feasibility study.** A pre-feasibility study is recommended to assess if the production rate at the Caylloma plant could be increased to 2,200 tpd. The estimated cost of the study is approximately \$ 1,000,000.
- **Density estimation.** It is recommended that the number of bulk density measurements be increased in veins that lack sufficient values for meaningful statistical analysis. This will be completed utilizing the operations resources and part of normal operating cost.

[End of Extract of Summary from Caylloma Technical Report]

SCHEDULE "F"

FORTUNA SILVER MINES INC.
(the "Company")

Audit Committee Charter

PURPOSE

The primary function of the Audit Committee is to assist the Board of Directors of the Company (the "**Board**") in fulfilling its oversight responsibilities by reviewing the financial information to be provided to the shareholders and others, the systems of internal controls and management information systems established by the senior officers of the Company ("**Management**") and the Company's internal and external audit process and monitoring compliance with the Company's legal and regulatory requirements with respect to its financial statements.

The Audit Committee is accountable to the Board. In the course of fulfilling its specific responsibilities hereunder, the Audit Committee is expected to maintain an open communication between the Company's external auditors and the Board.

The Audit Committee does not plan or perform audits or warrant the accuracy or completeness of the Company's financial statements or financial disclosure or compliance with generally accepted accounting procedures as these are the responsibility of Management.

RESPONSIBILITIES

Subject to the powers and duties of the Board, the Board hereby delegates to the Audit Committee the following powers and duties to be performed by the Audit Committee on behalf of and for the Board. Nothing in this Charter is intended to or does confer on any member a higher standard of care or diligence than that which applies to the directors as a whole.

External Auditors

The Audit Committee has primary responsibility for the selection, appointment, dismissal, compensation and oversight of the external auditors, subject to the overall approval of the Board. For this purpose, the Audit Committee may consult with Management.

The external auditors shall report directly to the Audit Committee.

Also, the Audit Committee:

- a. recommends to the Board:
 - i. whether the current external auditors should be nominated for reappointment for the ensuing year and if applicable, select and recommend a suitable alternative for nomination; and
 - ii. the amount of compensation payable to the external auditors;
- b. resolves disagreements, if any, between Management and the external auditors regarding financial reporting;
- c. provides the Board with such recommendations and reports with respect to the financial statements of the Company as it deems advisable;

- d. takes reasonable steps to confirm the independence of the external auditors, including but not limited to pre-approving any non-audit related services provided by the external auditors to the Company or the Company's subsidiaries, if any;
- e. confirms that the external auditors are a 'participating audit' firm for the purpose of National Instrument 52-108 *Auditor Oversight* and are in compliance with governing regulations;
- f. reviews the plan and scope of the audit to be conducted by the external auditors of the Company;
- g. reviews and evaluates the performance of the external auditors; and
- h. reviews and approves the Company's hiring policy regarding partners, employees and former partners and employees of the Company's present and former external auditors.

Audit and Review Process and Results

The Audit Committee has a duty to receive, review and make any inquiry regarding the completeness, accuracy and presentation of the Company's financial statements to ensure that the financial statements fairly present the financial position and risks of the organization and that they are prepared in accordance with generally accepted accounting principles. To accomplish this, the Audit Committee:

- a. considers the scope and general extent of the external auditors' review, including their engagement letter and major changes to the Company's auditing and accounting principles and practices;
- b. consults with management regarding the sufficiency of the Company's internal system of audit and financial controls, internal audit procedures and results of such audits;
- c. ensures the external auditors have full, unrestricted access to required information and have the cooperation of management;
- d. reviews with the external auditors the audit process and standards, as well as regulatory or Company-initiated changes in accounting practices and policies and the financial impact thereof, and selection or application of appropriate accounting principles;
- e. reviews with the external auditors and, if necessary, legal counsel, any litigation, claim or contingency, including tax assessments, that could have a material effect upon the financial position of the Company and the manner in which these matters are being disclosed in the financial statements;
- f. reviews the appropriateness and disclosure of any off-balance sheet matters;
- g. reviews disclosure of related-party transactions;
- h. receives and reviews with the external auditors, the external auditors' audit report and the audited financial statements;
- i. makes recommendations to the Board respecting approval of the audited financial statements;
- j. meets with the external auditors separately from management to review the integrity of the Company's financial reporting, including the clarity of financial disclosure and the degree of conservatism or aggressiveness of the accounting policies and estimates, any significant disagreements or difficulties in obtaining information, adequacy of internal controls over financial reporting, adequacy of disclosure controls and procedures, and the degree of compliance by the Company with prior recommendations of the external auditors;

- k. directs management to implement such changes as the Audit Committee considers appropriate, subject to any required approvals of the Board arising out of the review; and
- l. meets at least annually with the external auditors, independent of management, and reports to the Board on such meetings.

Interim Financial Statements

The Audit Committee:

- a. reviews and determines the Company's practice with respect to review of interim financial statements by the external auditors;
- b. conducts all such reviews and discussions with the external auditors and Management as it deems appropriate; and
- c. makes recommendations to the Board respecting approval of the interim financial statements.

Involvement with Management

The Audit Committee has primary responsibility for overseeing the actions of management in all aspects of financial management and reporting. The Audit Committee:

- a. reviews the Company's annual and interim financial statements, Management's Discussion and Analysis and earnings press releases, if any, before the Company publicly discloses this information;
- b. reviews all of the Company's public disclosure of financial information extracted from the Company's financial statements, if such financial statements have not previously been reviewed by the Committee, prior to such information being made public by the Company and for such purpose, the CFO assumes responsibility for providing the information to the Audit Committee for its review;
- c. reviews material financial risks with Management, the plan that Management has implemented to monitor and deal with such risks and the success of Management in following the plan;
- d. consults annually and otherwise as required with the Company's CEO and CFO respecting the adequacy of the internal controls over financial reporting and disclosure controls and procedures and reviews any breaches or deficiencies;
- e. obtains such certifications of annual and interim filings by the CEO and CFO attesting to internal controls over financial reporting and disclosure controls and procedures as deemed advisable;
- f. reviews Management's response to significant written reports and recommendations issued by the external auditors and the extent to which such recommendations have been implemented by Management;
- g. reviews with Management the Company's compliance with applicable laws and regulations respecting financial reporting matters, and any proposed regulatory changes and their impact on the Company; and
- h. reviews as required with Management and approves disclosure of the Audit Committee Charter, and Audit Committee disclosure required in the Company's Annual Information Form, Information Circular and on the Company's website.

PROCEDURAL MATTERS

The Audit Committee:

- a. invites the Company's external auditors, the CFO, and such other persons as deemed appropriate by the Audit Committee to attend meetings of the Audit Committee;
- b. reports material decisions and actions of the Audit Committee to the Board, together with such recommendations as the Audit Committee may deem appropriate;
- c. has the power to conduct or authorize investigations into any matter within the scope of its responsibilities;
- d. has the right to engage independent counsel and other advisors as it determines necessary to carry out its duties and the right to set the compensation for any advisors employed by the Audit Committee;
- e. has the right to communicate directly with the CFO and other members of Management who have responsibility for the internal and external audit process, as well as to communicate directly with the internal and external auditors; and
- f. pre-approves non-audit services to be performed by the external auditors, in accordance with the provisions of National Instrument 52-110 – Audit Committees ("**NI 52-110**").

COMPOSITION

The Audit Committee is composed of a minimum of three directors, all of whom are independent, subject to any exemptions or relief that may be granted from such requirements under NI 52-110, and have relevant skills and/or experience in the Audit Committee's areas of responsibility as may be required by the securities laws applicable to the Company, including those of any stock exchange on which the Company's securities are traded. No member shall have served as the CEO of the Company, or an affiliate, within the past five years, or as the CFO of the Company, or an affiliate, within the past three years.

The members of the Audit Committee shall not be members of more than three public company audit committees (including the Company), except for a member with a demonstrable financial expertise such as a former CFO, who shall not be a member of more than four audit committees (including the Company).

Appointment of Committee Members and Vacancies

Members of the Audit Committee are appointed or confirmed by the Board annually and hold office at the pleasure of the Board. The Board fills any vacancy on, and may appoint any additional members to, the Audit Committee.

Committee Chair

The Board appoints a Chair for the Audit Committee.

STRUCTURE AND OPERATIONS

Meetings

The Chair of the Audit Committee or the Chair of the Board or any two of its members may call a meeting of the Audit Committee. The Audit Committee meets at least four times each fiscal year, and at such other times during each year as it deems appropriate.

Quorum

A majority of the members appointed to the Audit Committee constitutes a quorum.

Notice of Meetings

The Chair of the Audit Committee arranges to provide notice of the time and place of every meeting in writing (including by electronic means) to each member of the Audit Committee at least two (2) business days prior to the time fixed for such meeting, provided, however, that a member may in any manner waive a notice of a meeting. Attendance of a member at a meeting constitutes a waiver of notice of the meeting, except where a member attends a meeting for the express purpose of objecting to the transaction of any business on the grounds that the meeting is not lawfully called. The Chair also ensures that an agenda for the meeting and all required materials for review by the members of the Audit Committee are delivered to the members with sufficient time for their review, or that such requirement is waived.

Absence of Committee Chair

If the Chair of the Audit Committee is not present at any meeting of the Audit Committee, the other members of the Audit Committee will choose a Chair to preside at the meeting.

Secretary of Committee

At each meeting the Audit Committee appoints a secretary who need not be a director of the Company.

Attendance of the Company's Officers at Meetings

The Chair of the Audit Committee or any two members of the Audit Committee may invite one or more officers of the Company to attend any meeting of the Audit Committee.

Delegation

The Audit Committee may, in its discretion and where permitted by NI 52-110, delegate all or a portion of its duties and responsibilities to a subcommittee, management or, to the extent otherwise permitted by applicable plans, laws or regulations, to any other body or individual.

Procedure and Records

Subject to any statute or constituting documents of the Company, the Audit Committee determines its own procedures at meetings and may conduct meetings by telephone and keeps records of its proceedings.

COMPLAINTS

The Audit Committee has established a whistle-blower policy as detailed in the Code of Business Conduct and Ethics and Whistle-Blower Policy, which sets out the procedures for:

- a. the receipt, retention and treatment of complaints received by the Company regarding accounting, internal accounting controls, or auditing matters; and
- b. the confidential, anonymous submission to the Company of concerns regarding questionable accounting or auditing matters.

The Audit Committee reviews the whistle-blower policy annually.

REPORTING AND ASSESSMENT

The Audit Committee reports to the Board of Directors, and on an annual basis, presents to the Board a Committee Annual Report consisting of the Audit Committee's review of its charter, the Committee's and its Chair's performance over the past year, and any recommendations the Audit Committee makes in respect thereto.

Approved by the Board: March 11, 2021