

Cautionary Statements

Caution Regarding Forward Looking Information and Statements

This presentation contains "forward-looking statements" within the meaning of the United States Private Securities Litigation Reform Act of 1995 and "forward-looking information" within the meaning of applicable Canadian securities legislation (collectively, "forward-looking statements"). Forward-looking statements include statements that use forward-looking terminology such as "may", "could", "would", "will", "should", "intend", "expect", "believe", "continue", "potential", "view" or the negative or grammatical variation thereof or other variations thereof or comparable terminology. Forward-looking statements may include, but are not limited to, statements with respect to the Company's expected production, operating costs and capital expenditures at the Caraíba Operations, the Tucumã Operation and the Xavantina Operation and completion dates for certain milestones, including the ramp-up of production and achievement of commercial production levels at the Tucumã Operation and completion of the Pilar Mine's new external shaft; the ability of the Company to achieve copper production levels as currently projected at the Tucumã Operation; the estimated timelines for conducting and completing the phases of work pursuant to the Furnas Copper-Gold Project definitive earn-in agreement; the ability of the Company to delineate economically viable mineralization in the Curaçá Valley (including both copper and nickel mineralization), underneath the Tucumã Operation, and across the Xavantina Operations land package, including the recently acquired EDEM properties; and any other statement that may predict, forecast, indicate or imply future plans, intentions, levels of activity, results, performance or achievements.

Forward-looking statements are not a guarantee of future performance. 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. Forward-looking statements about the future and are inherently uncertain, and the Company's actual results, achievements or other future events or conditions may differ materially from those reflected in the forward-looking statements due to a variety of risks, uncertainties and other factors, including, without limitation, those referred to herein and in the Company's most recent Annual Information Form under the heading "Risk Factors".

The Company's forward-looking statements are based on the assumptions, beliefs, expectations and opinions of management on the date the statements are made, many of which may be difficult to predict and beyond the Company's control. In connection with the forward-looking statements contained in this presentation and in the AIF, the Company has made certain assumptions about, among other things: favourable equity and debt capital markets; the ability to raise any necessary additional capital on reasonable terms to advance the production, development and exploration of the Company's properties and assets; future prices of copper, gold and other metal prices; the timing and results of exploration and drilling programs; the accuracy of any mineral reserve and mineral reserve and mineral reserve and mineral reserve and interest of the Carafaba Operations, the Examination Operations, the Examination Operation and the Furnace of the Carafaba Operations, the Examination Operation and the Furnace of the Carafaba Operations, the Examination Operation and the Furnace of the Carafaba Operations, the Examination Operation on the Examination Operation on the Examination Operation on the Examination Operation on the Examination Operation and the Furnace of the Carafaba Operation on the Examination Operation on the

Forward-looking statements contained herein are made as of the date of this presentation and the Company disclaims any obligation to update or revise any forward-looking statement, whether as a result of new information, future events or results or otherwise, except as and to the extent required by applicable securities laws.

This presentation may also contain future-oriented financial information ("FOFI") and information which could be considered to be in the nature of a "financial outlook". Such FOFI or financial outlook was approved by management of the Company as of the date of presentation for the purpose of providing management's reasonable estimate of what return investors might expect to earn based on the assumptions set forth in such estimates and the information may not be appropriate for other purposes. Management cautions that such FOFI or financial outlook reflects the Company's current beliefs and are based on information currently available to the Company and on assumptions the Company believes are necessarily, all of the FOFI or financial outlook as they are subject to a number of significant risks and uncertainties. Certain of these risks and uncertainties are beyond the Company's control. Consequently, all of the FOFI or financial outlook are qualified by these cautionary statements, and there can be no assurances.

Cautionary Notes Regarding Mineral Resource and Mineral Reserve Estimates

Unless otherwise indicated, all reserve and resource estimates included in this presentation and the documents incorporated by reference herein have been prepared in accordance with National Instrument 43-101, Standards of Disclosure for Mineral Projects ("NI 43-101") and the Canadian Institute of Mining, Metallurgy and Petroleum (the "CIM") — CIM Definition Standards on Mineral Resources and Mineral Resources and Mineral Resources and Mineral Resources and Example of Standards"). NI 43-101 is a rule developed by the Canadian Securities Administrators that establishes standards for all public disclosure an issuer makes of scientific and technical information concerning mineral projects. Canadian standards for all public disclosure and issuer makes of scientific and technical information concerning mineral projects. Canadian standards for all public disclosure for Mineral Resources and Example of the United Standards for all public disclosure for Mineral Projects ("NI 43-101") and the Canadian Institute of Mining, Metallurgy and Petroleum (the "CIM") — CIM Definition Standards for all public disclosure and Standards for all public disclosure and Example for an accordance with NI 43-101, differ significantly form the requirements of the United Standards for all public disclosure for Mineral Projects ("NI 43-101") and the Canadian Institute of Mining, Metallurgy and Petroleum (the "CIM") — CIM Definition Standards for all public disclosure and Example for a rule of Mineral Projects ("NI 43-101") and the Canadian Institute of Mining, Metallurgy and Petroleum (the "CIM") — CIM Definition Standards for all public disclosure for Mineral Projects ("NI 43-101") and the Canadian Institute of Mining, Metallurgy and Petroleum (the "CIM") — CIM Definition Standards for All Public Mining (the Standards) in the Cim Mineral Projects (the "CIM") and the Cim Mineral P

Further to recent amendments, mineral property disclosure requirements in the United States (the "U.S. Rules") are governed by subpart 1300 of Regulation S-K of the U.S. Securities Act of 1933, as amended (the "U.S. Securities Act") which differ from the CIM Standards. As a foreign private issuer that is eligible to file reports with the SEC pursuant to the multi-jurisdictional disclosure system (the "MJDS"), Ero is not required to provide disclosure under NI 43-101 and the CIM Standards. If Ero ceases to be a foreign private issuer or loses its eligibility to file its annual report on Form 40-F pursuant to the MJDS, then Ero will be subject to the U.S. Rules, which differ from the requirements of NI 43-101 and the CIM Standards.

Pursuant to the new U.S. Rules, the SEC recognizes estimates of "measured mineral resources." in addition, the definitions of "proven mineral reserves" and "probable mineral resources." under the U.S. Rules are now "substantially similar" to the corresponding standards under NI 43-101. Mineralization described using these terms has a greater amount of uncertainty as to its existence and feasibility than mineralization that has been characterized as reserves. Accordingly, U.S. investors are cautioned not to assume that any measured mineral resources, indicated mineral resources, or inferred mineral resources that Ero reports are or will be economically or legally mineable. Further, "inferred mineral resources" have a greater amount of uncertainty as to their existence and as to whether they can be mined legally or economically. Under Canadian securities laws, estimates of "inferred mineral resources" nay not form the basis of feasibility or pre-feasibility studies, except in rare cases. While the above terms under the U.S. Rules are "substantially similar" to the standards, there are differences in the definitions under the U.S. Rules and CIM Standards. Accordingly, there is no assurance any mineral reserves or mineral resources that Ero may report as "proven mineral reserves", "measured mineral resources" and "inferred mineral resources" under NI 43-101 would be the same had Ero prepared the reserve or resource estimates under the Standards adopted under the U.S. Rules.

Disclaimer

General

Scientific and technical information contained in this presentation has been reviewed, verified and approved by Mr. Cid Gonçalves Monteiro Filho, SME RM (04317974), MAIG (No. 3219148), and Resource Manager of the Company, who is a "qualified person" within the meanings of NI 43-101.

Mineral Resource and Mineral Reserve estimates for the Company's mining operations located within the Curaçá Valley, northeastern Bahia State, Brazil (the "Caraíba Operations" and formerly known as the MCSA Mining Complex) are dated December 31, 2023 and have been prepared under the supervision of and approved by Cid Gonçalves Monteiro Filho, SME RM (04317974), MAIG (No. 8444), FlasulfM (No. 3219148), Resource Manager of the Company, who is a "qualified person" within the meanings of NI 43-101. These estimates account for drilling activities and mining 20 perations, Curaçá Valley, Bahia, Brazil", dated December 30, 2022 Mineral Resource and Mineral Resource and Mineral Resource and Mineral Resource and Mineral Resource with NI 43-101. These estimates accordance with NI 43-101, Standards of No. 1018 (No. 1018) and entitled "2022 Mineral Resource and Mineral R

Mineral Resource and Mineral Reserve estimates for the Company's mining operations located approximately 18 km west of the town of Nova Xavantina, southeastern Mato Grosso State, Brazil (the "Xavantina Operations" or its former name, the "NX Gold Mine") are dated December 31, 2023, and have been prepared under the supervision of and approved by Cid Gonçalves Monteiro Filho, SME RM (04317974), MAIG (No. 3219148), Resource Manager of the Company, who is a "qualified person" within the meanings of NI 43-101. These estimates account for drilling activities and mining depletion at the Xavantina Operations Technical Report.

Scientific and technical information contained in this presentation relating to the Tucumã Operation, which is located within southeastern Pará State, Brazil (referred to herein as the "Tucumã Operation" or by its former name, the "Boa Esperança Project"), is derived from, and in some instances is a direct extract from, and based on the assumptions, qualifications and procedures set out in, the report prepared in accordance with NI 43-101 and entitled "Boa Esperança Project NI 43-101 Technical Report on Feasibility Study Update", dated November 12, 2021 with an effect (No. Qualified Person). E. and Scott C. Elfen, P.E. all of Ausenco Engineering USA South Encircles (or its affiliated Ausenco Engineering USA South Inc. in the case of Ms. Patterson) (collectively, "Ausenco"). Carbon Resource Manager of the Company on the date of the report (now of HCM Consultoria Geologica Eirel ("HCM") (the "Tucumã Operation Technical Report"). Each Cott C. Elfen, P.E. and Carlos Guzmán, FAusIMM RM CMC, is a "qualified person" and "independent" of the Company within the meanings of NI 43-101. Emerson Ricardo Re, MAusIMM (CP), as Resource Manager of the Company (on the date of the report, within the meanings of NI 43-101, and was not "independent" of the Company on the date of the report, within the meaning of NI 43-101.

Please see the AIF, the Caraíba Operations Technical Report, the Xavantina Operations Technical Report, and the Tucumã Operation Technical Report, and the Tucumã Operation Technical Report, each filed on the Company's profile at www.sedarplus.ca/landingpage/ and www.sec.gov, for details regarding the data verification undertaken with respect to the scientific and technical information included in this presentation regarding the Caraíba Operations, the Xavantina Operations, and the Tucumã Operation, for additional details regarding the related exploration information, including interpretations, the QA/QC employed, sample, analytical and testing results and for additional details regarding the mineral resource and mineral reserve estimates disclosed herein.

Where applicable, exploration target projection(s) are shown to demonstrate future area of exploration focus within the Company's operations. These projections are based on data compilation work which includes review of geological controls, structural analysis and copper mineralization identified during the Company's technical programs. The interpretation and boundary limits do not imply continuity of mineralization, or actual thickness of mineralization which has yet to be defined.

Third Party Information

This presentation includes market, industry and economic data which was obtained from various publicly available sources and other sources believed by the Company believes it to be reliable, the Company has not independently verified any of the data from third party sources referred to in this presentation or analyzed or verified the underlying economic preports relied upon or referred to by such sources or ascertained the underlying economic and other assumptions relied upon by such sources. The Company believes that its market, industry and economic data is accurate and the economic data is set the accuracy or completeness of the market, industry and economic data used throughout this presentation are not quaranteed and the Company observation as to the accuracy or completeness of the market, industry and economic data used throughout this presentation are not quaranteed and the Company to so the make any representation are not quaranteed and the company to be true.

Non-IFRS Measures

Financial results of the Company are prepared in accordance with IFRS. The Company utilizes certain alternative performance (non-IFRS) measures to monitor its performance, including foreign exchange hedges, realized copper price, gold C1 cash cost, gold AISC, realized gold price, EBITDA, adjusted net income attributable to owners of the Company's MD&A for the three months are occurately described in the Company's MD&A for the three months are occurately believed that these measures, together with measures determined in accordance with IFRS. provide investors with an improved ability to evaluate the underlying performance of the Company, the Caraíba Operations. About the companies of the Company to the companies of the Company to the companies. The data is intended to provide additional information and should not be considered in isolation or as a substitute for measures of performance prepared in accordance with IFRS. Copper C1 cash cost including foreign exchange hedges are non-IFRS performance measures used by the Company to manage and evaluate the performance of its copper mining operations. Copper C1 cash cost is calculated as C1 cash costs divided by total pounds of copper produced during the period. C1 cash cost is calculated as C1 cash costs divided by total pounds of copper produced during the period. Although the Company's BD&A for the three months are occurately as a cost and certain tax credits associated with sales invoiced to the Company's BDAA for the three months are occurated as C1 cash costs are occurated as



Company Overview & Strategy



High-Margin, Growth-Oriented Clean Copper

Brazil-Focused Copper Producer

With Meaningful Gold Production

Significant Near-Term Growth

Doubling Copper Production in 2025

Attractive Long-Term Growth Pipeline

Leveraging Exploration and Development Culture

Strong Balance Sheet

Well-Positioned to Fund Growth

Strong Position in Clean Copper Movement

Supported by Brazil's Clean Energy Matrix

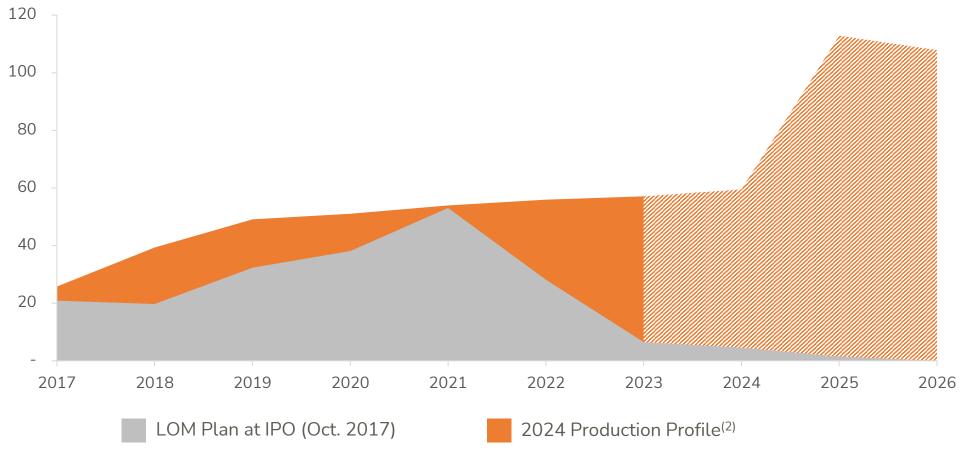


^{1.} For more information on the Company's plans to earn a 60% interest in the Furnas Copper-Gold Project, please see its press releases dated October 30, 2023 and July 22, 2024.

Track Record of Delivering Growth

The Company's consolidated production profile reflects the success of its organic growth investments

Copper Equivalent Production (000s of tonnes) (1)



^{1.} Copper equivalent production based on a copper price of \$8,500/tonne and a gold price of \$1,900/oz.

^{2.} Production for 2024-2026 based on the midpoint of the Company's 2024 production guidance as of November 2024 and the midpoint of the production guidance for 2025 and 2026 from the Company's three-year production outlook included in its press release dated February 21, 2024.

Executing on Growth Strategy

The Company is expanding its growth portfolio with plans to earn a 60% interest in Vale Base Metals' Furnas Copper-Gold Project⁽¹⁾

Recent Achievements
(Last 12 Months)

Near-Term (Within 3 Years)

Longer-Term (3+ Years)

Caraíba Production

(Mill expansion completed in December 2023)

New External Shaft at Pilar

(Handover to operations expected in late 2026)

Caraíba In-Mine Exploration (Targeting extension of mine life)

Regional Copper & Nickel Exploration (ongoing)

Tucumã Production

(First production achieved in July 2024)

Tucumã Underground Opportunity (Drill Program Commenced Q4 2024)⁽²⁾

Tucumã Regional Exploration (ongoing)

Santo Antônio Vein Extension

(To be reflected in 2024 Mineral Reserve estimate)

Xavantina In-Mine Exploration

(Targeting a mine life extension to 10 years)

Xavantina Regional Exploration (ongoing)

Furnas Initial Resource

(Published in October 2024)

Furnas Feasibility Study

(Expected acceleration of earn-in activities)(3)

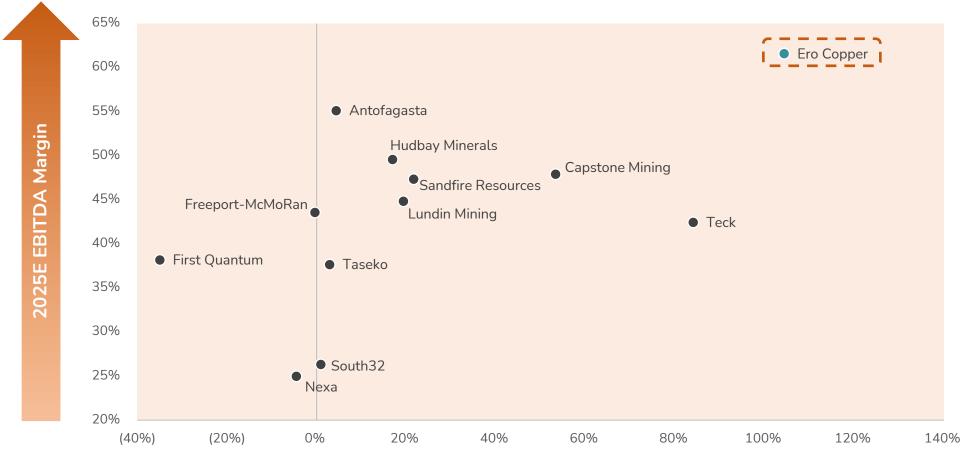
Note: Estimated completion dates included in parentheses based on project timelines as of November 2024.

- 1. For more information on the Company's plans to earn a 60% interest in the Furnas Copper-Gold Project, please see its press releases dated October 30, 2023 and July 22, 2024.
- 2. Production timelines dependent on drill results from exploration campaign that commenced in Q4 2024.
- 3. Ability to accelerate completion of five-year earn-in period to approximately 3.5 years dependent on timing and results of drill programs and engineering studies.

Poised for Significant EBITDA Expansion

Ero is well-positioned due to significant production and EBITDA contributions expected from Tucumã in the near-term

Copper Production Growth & EBITDA Margin



2023A to 2025E Copper Production Growth

Source: Consensus estimates from FactSet as of November 21, 2024. Ivanhoe Mines and IGO Limited excluded due to equity method of accounting used for material assets.



Our Operations

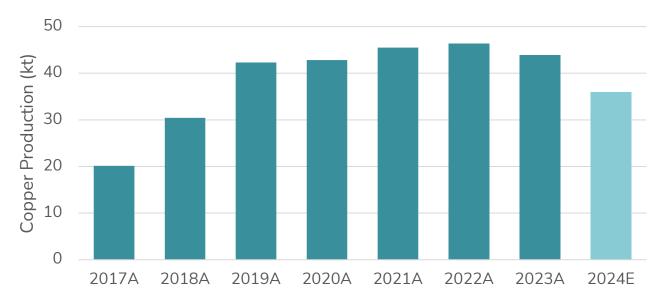


Caraíba: High-Margin Flagship Copper Operation

Asset Overview

- High-grade, high-margin copper operation
 - Located in Bahia State, 90 km SE of Petrolina
 - Fully integrated mining and processing complex with 45-year operating history
 - Two underground mines: Pilar and Vermelhos
 - o One open pit mine: Surubim
- Mine life extends through 2042

Production Profile⁽¹⁾





Growth Catalysts

- Caraíba mill expansion from 3.2 to 4.2 Mtpa
 - ✓ Completed on schedule in December 2023
 - ✓ Achieved expanded design capacity by year-end 2023
- Pilar Mine new external shaft
 - ✓ Pre-sink surface infrastructure completed on schedule
 - ✓ Main shaft sinking commenced as planned in December 2023
 - ✓ Tracking towards completion in December 2026
- Investing in regional copper and nickel exploration

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^{1.} The production estimate for 2024 is based on the midpoint of the reduced guidance range included in the Company's Q3 2024 earnings release dated November 5, 2024.



Tucumã: High-Margin Copper Operation

Asset Overview

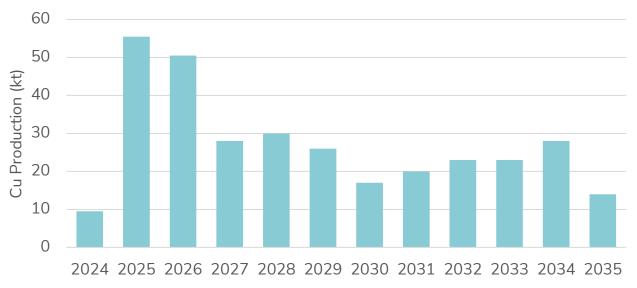
- Open pit copper operation with attractive operating margins
 - Located in Pará State, ~40 km SW of Tucumã
 - First production achieved in Q3 2024
- Significant growth potential
 - Cornerstone position in western Carajás (no other copper operation within 160 kilometers)
 - Underground and regional exploration upside

Ramping Up to Commercial Production

- ✓ Operational license awarded in June 2024
- ✓ First saleable copper concentrate produced in July 2024
- Ramp-up to commercial production levels advancing well
 - o 80% of design mill capacity
 - 80% of design recovery rates
 - Commercial production to be declared once these levels have been maintained over a 30-day period



Production Profile(1)



^{1.} Production estimates for 2025 and 2026 based on midpoint of the Company's three-year production outlook included in its press release dated February 21, 2024. The production estimate for 2024 is based on the midpoint of the reduced guidance range included in the Company's Q3 2024 earnings release dated November 5, 2024. Production estimates for 2027+ based on the Tucumã Operation's Optimized Feasibility Study as described in the Company's press release dated September 28, 2021.

Tucumã Underground Opportunity

Exploration underway to extend known high-grade copper mineralization beneath the open pit

Targeting High-Grade Extensions to Depth

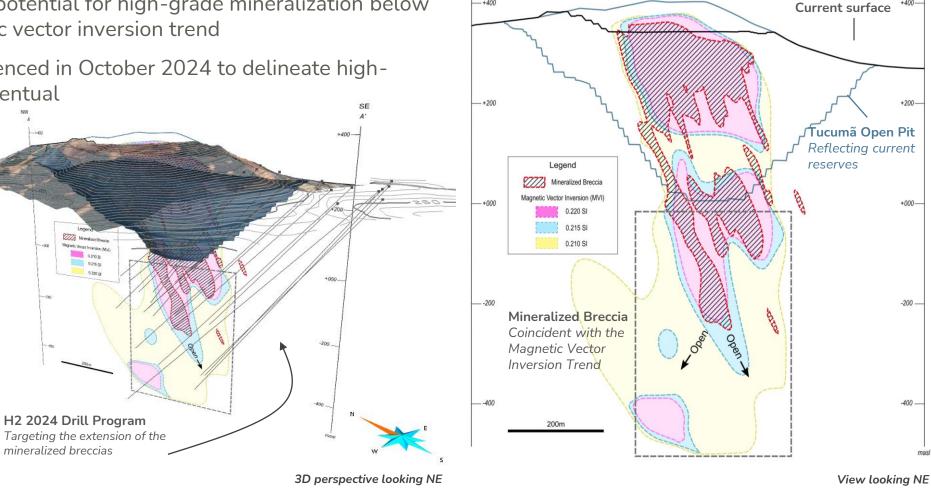
Historic and recent drilling suggests potential for high-grade mineralization below the open pit, coincident with magnetic vector inversion trend

A 10,000-meter drill program commenced in October 2024 to delineate highgrade copper mineralization for an eventual

underground operation

Underground High-Grade Inferred Mineral Resource(1)

Contained Cu (000's tonnes)	30.4
Grade (% Cu)	2.24%
Tonnes (000's)	1,354



Please refer to the 2021 Tucumã Technical Report filed on SEDAR for additional information on Underground Mineral Resource estimates. Mineral Resources that are not Mineral Reserves do not have demonstrated economic viability.

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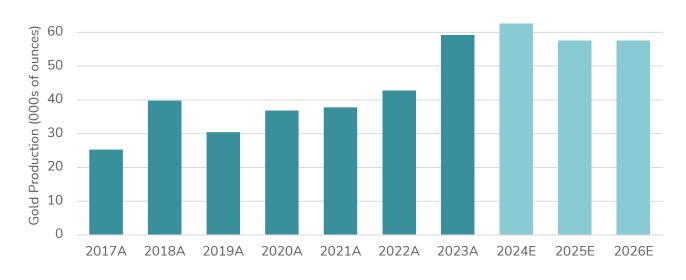


Xavantina: High-Grade, Low-Cost Gold Operation

Asset Overview

- High-grade, high-margin underground gold mine and processing facility
 - Located in Mato Grosso State, ~18km NW of Nova Xavantina
 - Among the highest-grade gold mines in South America

Production Profile⁽¹⁾





Growth Catalysts

- NX 60 initiative
 - ✓ Successful completion drove record gold production and operating margins in 2023
 - ✓ Annual gold production expected to reach 60,000 to 65,000 ounces in 2024 and 55,000 to 60,000 ounces in 2025 and 2026
- Exploration / Plant Capacity
 - Testing extensions of known veins and targeting new vein discoveries with regional exploration program

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Potential to increase production by leveraging excess mill capacity

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^{1.} Production estimates for 2025 and 2026 based on midpoint of the Company's three-year production outlook included in its press release dated February 21, 2024. The Company's 2024 gold production estimate is based on the midpoint of the increased guidance range included in the Company's Q1 2024 earnings release dated May 7, 2024.



Long-Term Growth



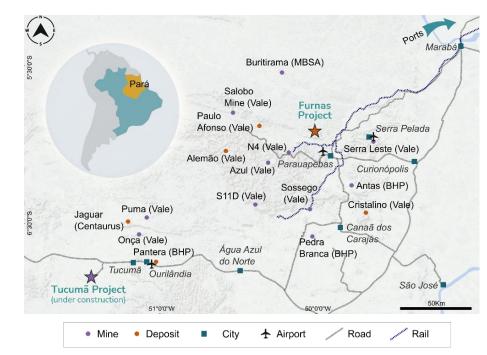
Furnas: Large, Highly Prospective IOCG Project

In July 2024, Ero signed a definitive earn-in agreement with Vale Base Metals (VBM) for a 60%

interest in the Furnas Copper-Gold Project⁽¹⁾

 To earn a 60% interest in Furnas, Ero will fund three phases of work over a 5-year earn-in period

- Ero will grant VBM a free-carry on certain capital expenditures related to project development:
 - o Initial 11% free-carry, funding 71% of the first \$1.0 billion
 - o If applicable, a subsequent 5.5% free-carry, funding 65.5% of the next \$1.0 billion
 - o If applicable, both parties will fund their pro rata share of capex beyond \$2.0 billion





^{1.} For more information on the Company's plans to earn a 60% interest in the Furnas Copper-Gold Project, please see its press releases dated October 30, 2023 and July 22, 2024.

Furnas: High-Grade Mineral Resource Estimate

The initial mineral resource estimate for Furnas supports the potential for a large-scale, high-grade underground mine

Initial Mineral Resource Estimate and Cut-Off Grade Sensitivity(1)

Cut-Off Grade			Grade			Contained Metal		
CuEq ⁽²⁾ (%)	Category	Tonnes (kt)	Cu (%)	Au (gpt)	CuEq ⁽²⁾ (%)	Cu (kt)	Au (koz)	CuEq ⁽²⁾ (kt)
0.60	Indicated	66.4	0.84	0.55	1.10	555.3	1,179.9	730.5
0.60	Inferred	114.8	0.85	0.51	1.10	978.9	1,877.3	1,257.6
0.80	Indicated	51.2	0.93	0.60	1.22	477.9	984.5	624.1
	Inferred	88.0	0.96	0.55	1.22	840.7	1,558.1	1,072.0
1.00	Indicated	35.2	1.04	0.69	1.36	364.7	775.3	479.8
	Inferred	61.3	1.06	0.63	1.36	647.4	1,235.6	830.8

Phase 1 Drill Program

- In September 2024, the Company received drilling permits from the Pará State environmental agency
- Ero commenced the Phase 1 drill program in October 2024, focusing on the high-grade NW and SE Zones
- The minimum 28,000-meter drill plan is designed to support a preliminary economic assessment
 - Infill drilling to upgrade inferred mineral resources and increase continuity of the high-grade zones
 - Extensional drilling to depth, where limited prior drilling suggests increasing grades and thickness

Note: Please refer to the Additional Information section of this presentation for relevant technical and scientific information. For more information on the Furnas mineral resource estimate, please see the Company's press release dated October 2, 2024, and the Furnas Technical Report dated November 18, 2024.

^{1.} CIM Definition Standards (2014) were used for reporting the Mineral Resources, which are effective as at June 30, 2024 and presented on a 100% ownership basis. Mineral resources that are not mineral reserves do not have a demonstrated economic viability

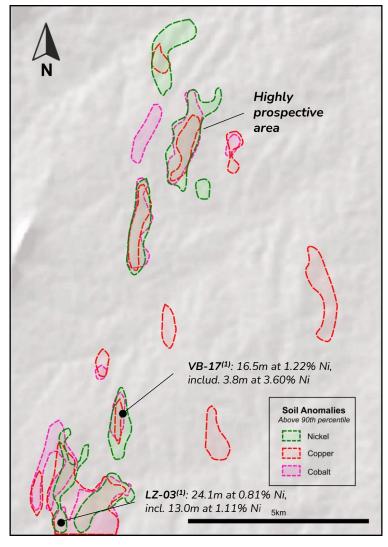
^{2.} CuEq grade calculated as Cu grade + (Au grade x 0.03215 x (\$1,900 gold price x 61.50% gold metallurgical recovery / (0.01 x \$9,259/tonne copper price x 85.00% copper metallurgical recovery)).

Caraíba: Emerging Nickel-Copper Sulphide District

District scale potential close to existing infrastructure

- Umburana nickel-copper system located approximately 20km from the Caraíba processing plant
- Textures range from disseminated (<10% sulphides) to massive (60-80% sulphides) containing up to 7.09% Ni (7.61% NiEq⁽²⁾)
- Mineralization, which outcrops at surface, has been traced to a depth of approximately 450 meters
- Mineralization remains open to depth, between zones and to north
- Initial metallurgical testwork demonstrates excellent rougher recoveries ranging from 77% to 91% across a range of grind sizes
- Majority of nickel contained within sulphide minerals amenable to conventional flotation process

Umburana Ni-Cu System



 $\sim 15 \text{km}$

Note: Surface base-metals anomalies and structural modelling based on field mapping and interpretation does not imply continuity, scale, or imply thickness of mineralization which has yet to be defined. Mineral resources which are not mineralized reserves do not have demonstrated economic viability.

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^{1.} For additional information on these drill results, please refer to the Company's press release dated September 29, 2022.

^{2.} NiEq = Ni + (Cu x \$3.50/\$9.80) + (Co x \$25.50/\$9.80). No adjustment for metallurgical recoveries has been made when calculating NiEq.



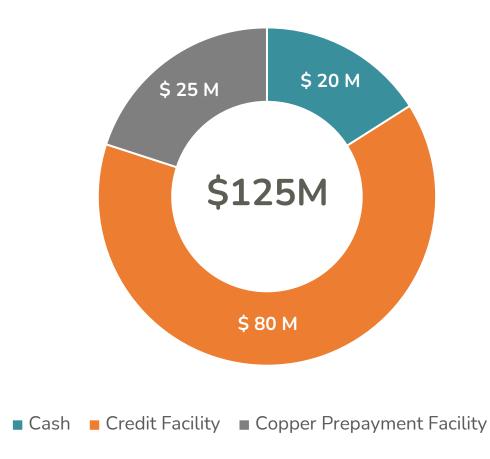
Financial & Environmental Stewardship



Balance Sheet Well-Positioned to Fund Growth

Rapid de-leveraging expected as production and cash flow contributions from the Tucumã Operation increase

Overview of Current Liquidity Position & Leverage Metrics (\$M)



Cash & Cash Equivalents	\$20
Credit Facility Availability	\$80
Copper Prepayment Facility Availability	\$25
Total Liquidity	\$125
Total Debt	\$540
Net Debt	\$520
LTM Adj. EBITDA	\$207
Total Debt Leverage Ratio	2.6x
Net Debt Leverage Ratio	2.5x

Note: Liquidity position and leverage metrics based on September 30, 2024 balance sheet. Figures may not sum due to rounding.

Brazil: Global Leader in Use of Renewable Energy

"Brazil's electricity matrix is one of the cleanest in the world and Brazil is committed to continuing its support for renewable energy projects." - International Trade Administration, U.S. Dept. of Commerce

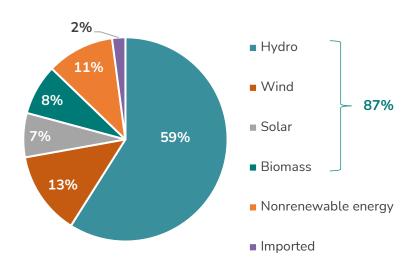
Share of Electricity Production from Renewables⁽¹⁾, 2023



Energy Institute - Statistical Review of World Energy, updated on June 24, 2024.

R IFΔ· Brazil Energy Profile

Brazil Energy Matrix, 2023⁽²⁾



- Home to 3 of the world's 10 largest hydroelectric power dams
- Second largest hydropower producer in the world⁽³⁾
- Home to S. America's largest windfarm, Complexo Eólico Lagoa dos Ventos

[.] Empresa de Pesquisa Energética - Brazilian Energy Balance (2024).

Advancing Decarbonization

Brazil's global leadership in the use of renewable energy affords Ero a unique competitive advantage as end users increasingly demand low carbon-intensity minerals

GHG Copper Intensity Curve⁽¹⁾ - 2023

Ero Copper:
Top 27 Percent

Comulative Production ('000 tonnes)

ESG Ratings

MSCI

"A" ranking with performance in top 35% of subindustry



Rank in the top 15% of Diversified Metals & Mining subindustry



1. Source: Skarn Associates, 2024.



Guidance & Production Outlook



2024 Guidance

	Caraíba	Tucumã	Total Copper	Xavantina	
Production	35 - 37 kt Cu	8 - 11 kt Cu	43 – 48 kt Cu	60 - 65 koz Au	
Operating Costs	\$1.80 - \$2.00 / lb Cu C1 Cash Cost	NA	\$1.80 - \$2.00 / lb Cu C1 Cash Cost	\$450- \$550 / oz Au C1 Cash Cost \$900 - \$1,000 / oz Au All-In Sustaining Cost	
Consolidated Capital Expenditures		\$303 - \$348 M including exploration			



Business Summary



Business Summary

- 1 High-Margin, Brazil-Focused Copper Producer
- 2 Significant Near-Term Production Growth
- 3 Attractive Long-Term Growth Pipeline
- 4 Strong Balance Sheet Well-Positioned to Fund Growth
- 5 Strong Position in Clean Copper Movement

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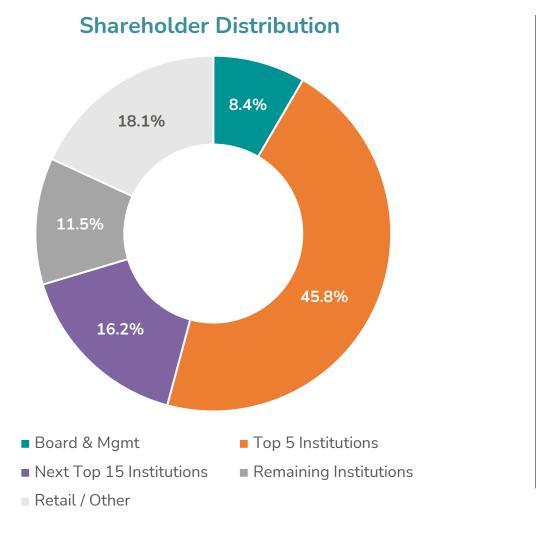


Appendix



Ownership Structure

The Company's board & management team, along with the top 5 institutional shareholders, own over 54% of the Company



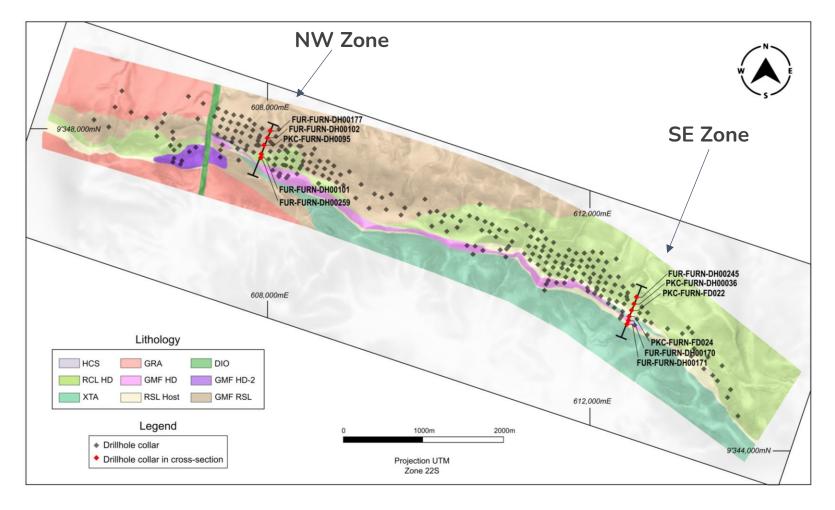
Blue-Chip Institutional Shareholders

Top 5 Institutional Shareholders				
T. Rowe Price (all affiliates)	16.7%			
Fidelity (all affiliates)	14.3%			
GMT Capital Corp.	5.9%			
Jennison Associates	5.5%			
Global X Investments	3.3%			
Total	45.8%			

Source: FactSet Research Systems as of November 20, 2024. Note: Figures may not sum due to rounding.

Furnas: Geology and Plan Map

Exploration and development efforts will focus on two discrete high-grade zones identified within the overall mineralized body, known as the SE and NW Zones, that extend over a combined strike length of \sim 5 km

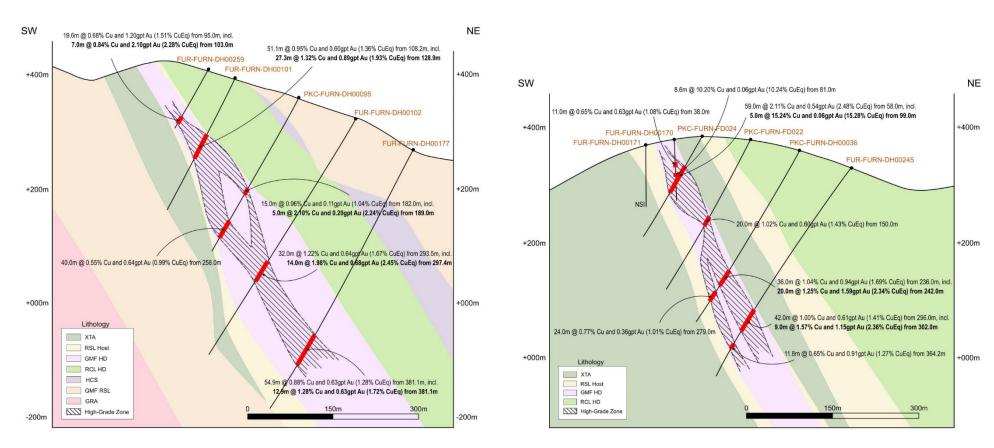


Furnas: NW & SE Zone Cross Sections

Known high-grade mineralization ranges from ~20-60 meters in thickness and has been drilled to a vertical depth from surface of ~300 meters

NW Zone Cross-Section

SE Zone Cross-Section



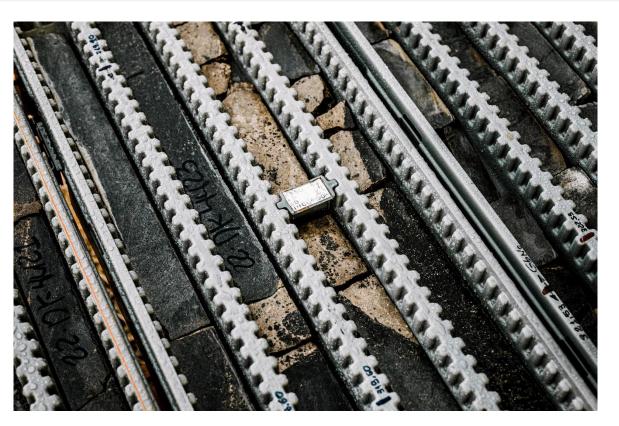
Note: For more information, please refer to the Company's press release dated October 30, 2023. CuEq = Cu + (Au x 0.687) based on long-term copper and gold prices of \$3.50 per pound and \$1,650 per ounce, respectively. No adjustment for metallurgical recoveries has been made when calculating CuEq.

Caraíba: Nickel Sulphide Discovery

Select Drill Highlights

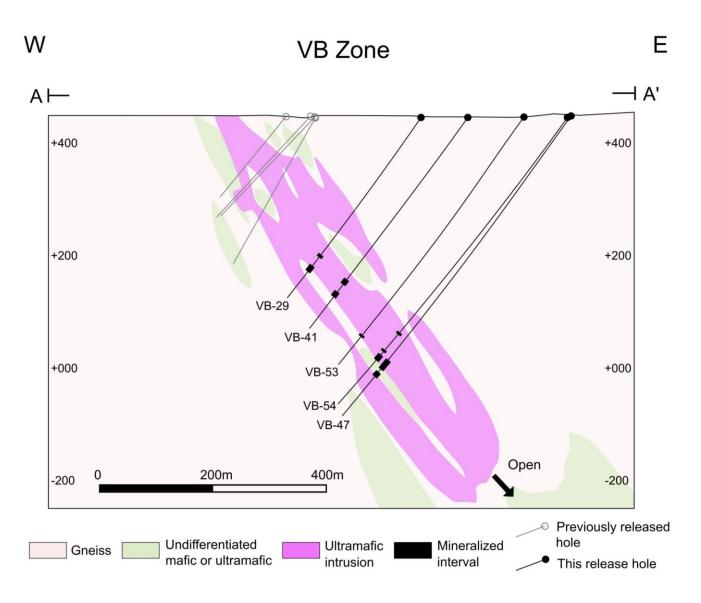
- VB Zone VB-17: 16.5 meters at 1.22% Ni, 0.17% Cu and 0.03% Co (1.37% NiEq), including 3.8 meters at 3.60% Ni, 0.22% Cu and 0.09% Co (3.92% NiEq)
 - o Interval includes 1.5 meters of massive-sulphide textures (~80% sulphides) grading 6.59% Ni, 0.26% Cu and 0.17% Co (7.11% NiEq)
- **LZ Zone** LZ-03: 24.1 meters at 0.81% Ni, 0.18% Cu and 0.04% Co (0.97% NiEq), including 13.0 meters at 1.11% Ni, 0.25% Cu and 0.05% Co (1.33% NiEq)





Note: For more information, please refer to the Company's press release dated September 29, 2022. Above figures depict drill core from the deepest intercept to date in the VB Zone (hole VB-25 at ~319 meters) highlighting loop textured pentlandite (left) and high-grade massive sulphide intervals within the zone (right). NiEq = Ni + (Cu x \$3.50/\$9.80) + (Co x \$25.50/\$9.80). No adjustment for metallurgical recoveries has been made when calculating NiEq.

Caraíba - VB Zone: East-West Composite Section



Highlight Intercepts

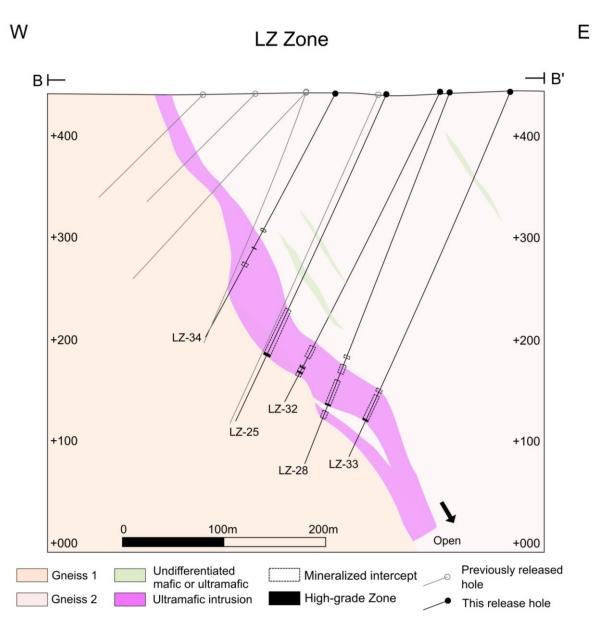
- VB-41: 11.2 meters at 1.86% Ni, 0.26% Cu and 0.05% Co (2.08% NiEq), including 5.0 meters at 3.71% Ni, 0.13% Cu and 0.09% Co (4.00% NiEq)
 - o Interval includes 1.9 meters of massive-sulphide textures grading 7.09% Ni, 0.18% Cu and 0.18% Co (7.61% NiEq)
- VB-47: 20.7 meters at 0.39% Ni, 0.15% Cu, 0.01% Co (0.47% NiEq), including 8.1 meters at 0.56% Ni, 0.11% Cu, 0.01% Co (0.63% NiEq)

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^{1.} For more information, please refer to the Company's press release dated June 8, 2023.

^{2.} NiEq = Ni + (Cu x \$3.50/\$9.80) + (Co x \$25.50/\$9.80). No adjustment for metallurgical recoveries has been made when calculating NiEq.

Caraíba - LZ Zone: East-West Composite Section



Highlight Intercepts

- LZ-25: 46.1 meters at 0.20% Ni, 0.04% Cu and 0.03% Co (0.28% NiEq), including 2.6 meters at 0.75% Ni, 0.18% Cu and 0.06% Co (0.96% NiEq)
- LZ-32: 11.3 meters at 0.43% Ni, 0.10% Cu and 0.02% Co (0.51% NiEq), including 7.0 meters at 0.61% Ni, 0.14% Cu and 0.03% Co (0.73% NiEq)

^{1.} For more information, please refer to the Company's press release dated June 8, 2023.

^{2.} NiEq = Ni + (Cu x 3.50/9.80) + (Co x 25.50/9.80). No adjustment for metallurgical recoveries has been made when calculating NiEq.

Caraíba Operations Reserves & Resources

	Tonnes (kt)	Grade (Cu%)	Contained Cu (kt)
Mineral Reserves (Underground)			
Proven	15,402	1.15	177
Probable	19,506	1.53	298
Proven & Probable	34,908	1.36	475
Mineral Resources (Underground)	·		
Measured	48,091	1.08	517
Indicated	44,343	1.23	545
Measured & Indicated	92,435	1.15	1,062
Inferred	51,929	0.98	506
Mineral Reserves (Open Pit)			
Proven	18,523	0.55	101
Probable	23,963	0.53	128
Proven & Probable	42,487	0.54	229
Mineral Resources (Open pit)			
Measured	24,552	0.56	138
Indicated	35,450	0.54	193
Measured & Indicated	60,002	0.55	331
Inferred	27,515	0.50	139
Total Reserves			
Proven	33,925	0.82	278
Probable	43,469	0.98	426
Proven & Probable	77,394	0.91	704
Total Resources			
Measured	72,643	0.90	656
Indicated	79,793	0.92	737
Measured & Indicated	152,436	0.91	1,393
Inferred	79,444	0.81	645
Note: Please refer to the Additional Information section of this presentation for relevant technical	al and scientific information.		

Xavantina Operations Reserves & Resources

	Tonnes (kt)	Grade (gpt Au)	Contained Au (koz)
		(350,14)	(1.02)
Reserves			
Proven, Santo Antônio Vein	223	9.68	69.4
Proven, Matinha Vein	-	-	-
Total Proven	223	9.68	69.4
Probable, Santo Antônio Vein	1,155	9.76	362.3
Probable, Matinha Vein	93	9.20	27.5
Total Probable	1,248	9.72	389.8
Total Proven & Probable	1,471	9.71	459.2
Resources (Including Reserves)			
Measured, Santo Antônio Vein	333	9.57	102.3
Measured, Matinha Vein	-	-	-
Measured, Brás & Buracão Vein	-	-	-
Total Measured	333	9.57	102.3
Indicated, Santo Antônio Vein	1,222	11.57	454.6
Indicated, Matinha Vein	130	9.59	40.1
Indicated, Brás & Buracão Vein	7	3.36	0.7
Total Indicated	1,359	11.34	495.4
Total Measured & Indicated	1,691	10.99	597.8
Inferred, Santo Antônio Vein	259	13.49	112.2
Inferred, Matinha Vein	216	11.54	80.3
Inferred, Brás & Buração Vein	157	4.71	23.8
Total Inferred	632	10.64	216.2

Note: Please refer to Additional Information section of this presentation for relevant technical and scientific information.

Tucumã Operation Reserves & Resources

	Tonnes (kt)	Grade (Cu%)	Contained Cu (kt)
Reserves			
Proven	30,674	0.89	273.2
Probable	12,378	0.67	83.4
Proven & Probable	43,052	0.83	356.6
Mineral Resources (Pit Constrained, Incl. Reserves)			
Measured Resources (High-Grade)	7,117	2.16	153.6
Indicated Resources (High-Grade)	1,661	2.27	37.6
Measured & Indicated Resources (High-Grade)	8,778	2.18	191.3
Measured Resources (Low-Grade)	25,476	0.60	152.0
Indicated Resources (Low-Grade)	13,433	0.51	68.4
Measured & Indicated Resources (Low-Grade)	38,909	0.57	220.4
Total Measured & Indicated Resources	47,687	0.86	411.7
Inferred (Pit Constrained, High-Grade)	40	2.69	1.1
Inferred (Pit Constrained, Low-Grade)	514	0.49	2.5
Inferred (Pit Constrained)	555	0.65	3.6
Inferred (Unconstrained High-Grade Outside Pit Limits)	1,354	2.24	30.4
Inferred (Unconstrained Low-Grade Outside Pit Limits)	9,681	0.60	58.2
Inferred (Unconstrained Mineralization Outside Pit Limits)	11,035	0.80	88.6
Total Inferred Resources	11,590	0.80	92.2

Additional Information

Caraíba Operations Mineral Reserves Notes:

- 1. Effective Date of December 31, 2023
- 2. Mineral reserves included within stated mineral resources. All figures have been rounded to reflect the relative accuracy of the estimates. Summed amounts may not add due to rounding.
- 3. Mineral Reserve estimates were prepared in accordance with the Canadian Institute of Mining, Metallurgy and Petroleum ("CIM") Definition Standards for Mineral Reserves, adopted by the CIM Council on May 10, 2014 and the CIM Estimation for Mineral Reserves and Mineral Reserves Best Practice Guidelines, adopted by CIM Council on November 29, 2019, using geostatistical and/or classical methods, plus economic and mining parameters appropriate for the deposit. Mineral reserves are based on a long-term copper price of US\$3.30 per pound ("lb"), and a USD:BRL foreign exchange rate of 5.29. Mineral reserves are the economic portion of the Measured and Indicated mineral resources. Mining dilution and recovery factors vary for specific mineral reserve sources and are influenced by factors such as deposit type, deposit shape, stope orientation, and selected mining methods. In the mine design of the Pilar and Vermelhos underground mines, certain stopes include measured and indicated as well as inferred resource blocks. In these instances, inferred resource blocks within the defined mining shape were assigned zero grade. In 2023, inferred blocks assigned zero grade totaled approximately 207,000 tonnes for the Deepening Extension Zone, 350,000 tonnes for the Pilar Underground Mine, and approximately 30,000 tonnes for the Vermelhos Underground Mine. Development occurring within marginal ore, above the operational cut-off grade, has also been included in the mineral reserve estimate. Dilution occurring from measured and indicated resource blocks was assigned a grade based on the mineral resource grade of the blocks included in the dilution envelope.
- 4. In the mine design of the Pilar and Vermelhos underground mines, certain stopes include measured and indicated as well as Inferred Mineral Resource blocks. In these instances, Inferred Mineral Resource blocks within the defined mining shape were assigned zero grade. Development occurring within marginal ore, above the operational cut-off grade, has also been included in the Mineral Reserve estimate.
- 5. Mineral reserves are classified according to the CIM Standards and the CIM Guidelines by Mr. Beck Nader, FAIG (#4472), and an independent qualified person as such term is defined under NI 43-101. BNA is independent of the Company. Please refer to the "2022 Mineral Resources and Mineral Reserves of the Caraíba Operations, Curacá Valley, Bahia, Brazil" for additional technical information.

Caraíba Operations Mineral Resources Notes:

- 1. Effective Date of December 31, 2023
- 2. Mineral Resources have been constrained within developed 3D grade-shells and lithology models applying a 0.45% and 0.20% copper grade envelope for high and marginal grade, respectively. Within these envelopes, mineral resources for underground deposits were constrained to those volumes ensuring Reasonable Prospects for Eventual Economic Extraction ("RPEEE") after application of a 0.51% copper marginal cut-off grade.
- 3. For open pit deposits a cut-off grade of 0.16% copper was applied. The low-grade envelope using a cut-off grade of 0.20% copper for underground deposits was used to develop a dilution envelope and development block model to better define the grade of blocks within the dilution envelope in the planning and design of underground stopes and planned development within the mineral reserve estimates and life-of-mine production plan.
- 4. Mineral resources are classified according to the CIM Standards and the CIM Guidelines by Mr. Fábio Valério Câmara Xavier, MAIG, (#5179), and an independent qualified person as such term is defined under NI 43-101. GE21 is independent of the Company. Please refer to the "2022 Mineral Resources and Mineral Reserves of the Caraíba Operations, Curaçá Valley, Bahia, Brazil" for additional technical information.

Xavantina Operations Mineral Reserves Notes:

- 1. Effective Date of June 30, 2024
- 2. Mineral reserves included within stated mineral resources. All figures have been rounded to the relative accuracy of the estimates. Summed amounts may not add due to rounding.
- 3. The 2024 mineral reserve estimates were prepared in accordance with the CIM Standards and the CIM Guidelines, using geostatistical and/or classical methods, plus economic and mining parameters appropriate for the deposit. Mineral reserves are the economic portion of the measured and indicated mineral resources. Mineral reserve estimates include operational dilution of 17.4% plus planned dilution of approximately 8.5% within each stope for room- and-pillar mining areas. Mining recovery of 92.5% and 94.7% assumed for room-and-pillar and cut-and-fill mining shapes (wireframes) were designed using geological wireframes / mineral resource block models as a guide.
- 4. Mineral reserve estimates are prepared under the supervision of and verified by Mr. Cid Gonçalves Monteiro Filho, SME RM (04317974), MAIG (No. 8444), FAusIMM (No. 329148) and Resource Manager of the Company who is a "qualified person" within the meanings of NI 43-101".

Xavantina Operations Mineral Resources Notes:

- 1. Effective Date of June 30, 2024
- 2. Presented mineral resources inclusive of mineral reserves. Indicated mineral resource totals are undiluted. All figures have been rounded to the relative accuracy of the estimates. Summed amounts may not add due to rounding.
- 3. Mineral resources are estimated using ordinary kriging within 10 meter by 10 meter by 2 meter block size, with a minimum sub- block size of 1.0 meter by 1.0 meter by 0.5 meter.
- 4. Mineral resource are constrained using a minimum stope dimension of 2.0 meters by 2.0 meters by 2.0 meters by 1.5 meters, a cut-off of 1.20 gpt based on underground mining and processing costs of US\$72 per tonne and a gold price of US\$1,900 per ounce.
- 5. The Mineral Resource estimates were prepared in accordance with the Canadian Institute of Mining, Metallurgy and Petroleum ("CIM") Definition Standards for Mineral Resources and Mineral Resources
- 6. Mineral resource estimates are prepared under the supervision of and verified by Mr. Cid Gonçalves Monteiro Filho, SME RM (04317974), MAIG (No. 8444), FAusIMM (No. 329148) and Resource Manager of the Company who is a "qualified person" within the meanings of NI 43-101".

Additional Information (cont.)

Tucumã Operation Mineral Reserves Notes:

- 1. Effective Date of August 31, 2021.
- 2. Stated mineral resources are inclusive of mineral resources defined as greater than or equal to 1.00% copper and less than 1.00% copper, respectively.
- 3. A 3D geologic model was developed for the Tucumã Operation. Geologically constrained copper grade shells are developed using a copper cut-off grade of 0.20% and 0.51% for pit constrained and unconstrained mineral resources, respectively, to generate a 3D mineralization model of the Tucumã Operation. Within grade shells, mineral resources are estimated using ordinary kriging within a 2.0 meter by 2.0 meter by 4.0 meter block size. Open pit constrained, unconstrained and marginal cut-off grades are based upon a copper price of US\$6,400 per tonne with cost parameters appropriate to the deposit. The mineral resource estimates are prepared in accordance with the CIM Standards and the CIM Guidelines, using geostatistical and/or classical methods, plus economic and mining parameters appropriate to the deposit.
- 4. Mineral reserve estimates are prepared in accordance with the CIM Standards and the CIM Guidelines, using geostatistical and/or classical methods, plus economic and mining parameters appropriate for the deposit. Mineral reserves are based on a long-term copper price of US\$6,613 per tonne; concentrate grade of 27% copper; average metallurgical recoveries of 91.3%; copper concentrate logistics costs of US\$108.20 per wet metric tonne ("wmt"); transport losses of 0.2%; copper concentrate treatment charges of US\$5.95 per dry metric tonne ("dmt"), refining charges of U\$0.0595 per pound of copper; copper payability of 96.3%; average mining cost of US\$7.74 per tonne processed and G&A costs of US\$3.83 per tonne processed; average pit slope angles that range from 30° for saprolite to 50° for fresh rock and a 2% CFEM government royalty.
- 5. Mineral reserves are classified according to the CIM Standards and the CIM Guidelines by Mr. Carlos Guzman, RM CMC (0119) and FAusIMM (229036), and an independent qualified person as such term is defined under NI 43-101. NCL is independent of the Company. Please refer to the Tucumã Operation Technical Report for additional technical information.

Tucumã Operation Mineral Resources Notes:

- 1. Effective Date of August 31, 2021.
- 2. Presented Mineral Resources inclusive of Mineral Reserves. Summed amounts may not add due to rounding. High-grade and low-grade mineral resources defined as greater than or equal to 1.00% copper and less than 1.00% copper, respectively.
- 3. A 3D geologic model was developed for the Tucumã Operation. Geologically constrained grade shells were developed using various copper cut-off grades to generate a 3D mineralization model of the Project. Within the grade shells, mineral resources were estimated using ordinary kriging within a 2.0 meter by 2.0 meter by 4.0 meter by 6.0 meter by 4.0 meter by 6.0 mete
- 4. Block model tonnage and grade estimates for the Project were classified according to the CIM Standards and the CIM Guidelines by Mr. Emerson Ricardo Re, RM CMC (0138) and MAusIMM (CP) (305892), an employee of the Company on the date of the report (now of HCM) and a qualified person as such term is defined under NI 43-101. Please refer to the Tucumã Operation Technical information.

Furnas Project Mineral Resources Notes:

- 1. Effective Date of June 30, 2024, and presented on a 100% ownership basis.
- 2. Mineral Resources that are not Mineral Reserves do not have demonstrated economic viability. Summed amounts may not add due to rounding.
- 3. Mineral Resources have been reported using a conceptual Mineable Shape Optimizer (MSO) constraint assuming an underground mining method and a modelled cut-off grade of 0.1% copper and 0.2 g/t gold. The MSO was determined using a five-year consensus forecast of industry metal prices and Ero's internal benchmarks.
- 4. A Mineable Shape assessment was conducted using the Mineable Stope Optimizer (MSO), incorporating resources and technical and economic parameters based on Ero's mining operations in Brazil. The current Mineral Resources Statement excludes the crown pillar (50m below the surface). It includes the sill pillars, as there are additional studies to define a proper mining method and sill pillars currently represent 10% of the total Mineral Resource tonnage. The metal price of US\$9,259/tonne Cu and US\$1,900/oz Au and the recoveries of 85.0% Cu and 61.5% Au have been used. CuEq formula: CuEq = Cu grade × 0.03215 x (\$1,900 gold price x 61.5% gold metallurgical recovery).
- 5. Mineral resources are classified according to the CIM Standards and the CIM Guidelines by Mr. Anderson Gonçalves Cândido, FAusIMM (990424), a qualified person as such term is defined under NI 43-101. Please refer to the Furnas Copper Project Pará State, Brazil NI43-101 Mineral Resource Estimate Technical Report for additional technical information.



1050-625 Howe St, Vancouver, BC, V6C 2T6 www.erocopper.com

Courtney Lynn

SVP, Corp. Development, Investor Relations & Sustainability +1.604.335.7504 info@erocopper.com