



FOURTH QUARTER & YEAR END 2023 UPDATE

Consistent and determined



FORWARD LOOKING STATEMENTS ARE MADE IN THIS PRESENTATION

Cautionary disclaimers

This presentation contains forward-looking statements and information within the meaning of Canadian securities law and United States securities laws, rules and legislation, including the provisions for "safe harbor" under the United States Private Securities Litigation Reform Act of 1995 (collectively, "forward-looking statements"). All statements, other than statements of historical fact, are forward-looking statements and can generally be identified by the use of words or phrases such as "expects", "antidpates", "plans", "projects", "estimates", "assumes", intends", "strategy", "goals", "objectives", "potential", "formula", "believes", "may", "could", "would", "might" or "will" or the negative of these terms or similar expressions. These forward-looking statements relate to, among other things: statements regarding the proposed transaction between Orla Mining Ltd.'s ("Orla" or the "Company") and Contad Gold Corp. (the "Transaction"), including receipt of all necessary court, security, the dosing provals, and the timing thereof; the economic potential of the Camino Rojo Project ("Camino Rojo"), the South Railroad Project ("South Railroad") and the Cerro Quema"); the Company's 2024 guidance, including production, operating costs and capital costs; development scenarios at the Camino Rojo Sulphides; expected exploration activities and the timing, goals and results thereof; the estimation of mineral resources and mineral reserves and the realization of such estimates; timing and guidance on estimated production and cash costs; future performance; feasibility study and pre-feasibility estimates and optimization and economic potential, toring for completion of studies; timing for receipt of required permits, approvals or licenses, goals and results of exploration; the Company's environmental, social and governance ("ESG") strategy and the benefits thereof; steps to development, as well as its objectives and strate

Forward-looking statements are based on numerous assumptions regarding: the benefits of the Transaction, completion of the Transaction, including receipt of required securityholder, regulatory and court approvals; the future price of gold and silver; anticipated costs and the Company's ability to fund its programs; the Company's ability to carry on exploration, development, and mining activities; tonnage of ore to be mined and processed; ore grades and recoveries; decommissioning and redamation estimates; currency exchange rates remaining as estimated; prices for energy inputs, labour, materials, supplies and services remaining as estimated; the Company's ability to secure and to meet obligations under property agreements, including the layback agreement with Freshillo plc; that all conditions of the Company's credit facility will be met; the timing and results of drilling programs; mineral reserve and mineral resource estimates and the assumptions on which they are based; the discovery of mineral resources and mineral resources on the Company's mineral properties; the obtaining of a subsequent agreement with Freshillo plc to access the sulphide mineral resource at the Camino Rojo Project and develop the entire Camino Rojo Project mineral resources estimate: that political and legal developments will be consistent with current expectations; the timely receipt of required approvals and permits, including those approvals and permits required for successful project permitting, construction, and operation of projects: the timing of cash flows: the costs of operating and exploration expenditures: the Company's ability to operate in a safe, efficient, and effective manner; the Company's ability to obtain financing as and when required and on reasonable terms: the impact of coronavirus ("COVID-19") on the Company's operations: that the Company's activities will be in accordance with the Company's public statements and stated goals: and that there will be no material adverse change or disruptions affecting the Company or its properties; and the assumptions related to the risks set forth below. The forward-looking statements are based on the opinions, assumptions and estimates that management of Orla considered reasonable at the date the statements are made, and are inherently subject to a variety of risks and uncertainties and other known factors that could cause the actual results, performance or achievements of Orla to be materially different from any future results, performance or achievements expressed or implied by the forward-looking information, including but not limited to; the failure to obtain securityholder, regulatory or court approvals in connection with the Transaction; uncertainty and variations in the estimation of mineral resources and mineral reserves; the Company's dependence on the Camino Rojo oxide mine; risks related to the Company's indebtedness; risks related to exploration, development, and operation activities; foreign country and political risks, including risks relating to foreign operations; risks related to the Cerro Quema Project; delays in obtaining or failure to obtain governmental permits; or non-compliance with permits; environmental and other regulatory regul subsequent agreement with Freshillo plc with respect to accessing certain additional portions of the mineral resource at the Camino Roio Project and to obtain the necessary regulatory approvals related thereto: the mineral resource estimations for the Camino Roio Project being only estimates and relying on certain assumptions: loss of, delays in, or failure to get access from surface rights owners: uncertainties related to title to mineral properties; water rights; risks related to natural disasters, terrorist acts, health crises, and other disruptions and dislocations, including the COVID-19 pandemic; financing risks and access to additional capital; risks related to guidance estimates and uncertainties inherent in the preparation of feasibility studies; uncertainty in estimates of production, capital, and operating costs and potential production and cost overruns: the fluctuating price of gold and silver; unknown labilities in connection with acquisitions; global financial conditions; uninsured risks; climate change risks; competition from other companies and individuals: conflicts of interest: risks related to compliance with anti-corruption laws; volatility in the market price of the Company's securities; assessments by taxation authorities in multiple jurisdictions; foreign currency fluctuations; the Company's limited operating history: litigation risks: the Company's ability to identify, complete, and successfully integrate acquisitions: intervention by non-covernmental organizations: outside contractor risks: risks related to historical data: the Company not having paid a dividend: risks related to the Company's foreign subsidiaries: risks related to the Company's accounting policies and internal controls: the Company's ability to satisfy the requirements of Sarbanes-Oxlev Act of 2002; enforcement of givil liabilities: the Company's status as a passive foreign investment company for U.S. federal income tax purposes; information and cyber security; the Company's significant shareholders; gold industry concentration; shareholder activism; other risks associated with executing the Company's objectives and strategies. For a more fulsome description of the risks and uncertainties related to Orla, see the "Risk Factors" section in Orla's most recent annual information form and annual and interim management's discussion and analysis filed with the applicable regulatory authorities and available on Orla's profile at www.sedarplus.ca or www.sec.gov.

Although Of a has attempted to identify important factors that could cause actual actions, events or results to differ materially from those described in forward-looking information, there may be other factors that cause actions, events or results not to be anticipated, estimated or intended. There can be no assurance that such statements will be accurate, as actual results and future events could differ materially from those anticipated in such statements. Accordingly, readers should not place undue reliance on forward-looking statements. Forward-looking statements are made as of the date hereof, and accordingly, are subject to change after such date. Except as required by the securities disclosure laws and regulations applicable to the Company, the Company undertakes no obligation to update these forward-looking statements if management's beliefs, estimates or opinions, or other factors, should change.



ADDITIONAL NOTES

Cautionary disclaimers

CAUTIONARY NOTE TO U.S. READERS

This document and shall not constitute an offer to sell or a solicitation of an offer to buy any securities in the United States or in any other jurisdiction, and no securities may be offered or sold without registration under the 1933 Act and all applicable state securities laws or compliance with the requirements of an exemption from such registration.

This presentation has been prepared in accordance with Canadian standards for the reporting of mineral resource and mineral resource estimates, which differ from the previous and current standards of the United States securities laws. In particular, and without limiting the generality of the foregoing, the terms "mineral reserve", "proven mineral reserve", "probable mineral reserve", "indicated mineral resources", "indicated mineral resources", "measured mineral resources", "and "mineral resources", "the terms "mineral resources", "proven mineral reserve", "probable mineral reserve", "indicated mineral resources", "measured mineral resources, "measured mineral resources", "measured miner

For United States reporting purposes, the United States Securities and Exchange Commission ("SEC") has adopted amendments to its disclosure rules (the "SEC Modernization Rules") to modernize the mining property disclosure requirements for issuers whose securities are registered with the SEC under the Securities Exchange Act of 1934, as amended. The SEC Modernization Rules more closely align the SEC's disclosure requirements and policies for mining properties with current industry and global regulatory practices and standards, inducting NI 43-101, and replace the historical property disclosure requirements for mining registrants that were included in Industry Guide 7 under the U.S. Securities Act. As a foreign private issuer that is eligible to file reports with the SEC pursuant to the multi-jurisdictional disclosure system, the Company is not required to provide disclosure on its mineral properties under the SEC Modernization Rules and provides disclosure under NI 43-101 and the CIM Definition Standards. Accordingly, mineral reserve and mineral resource information contained in this presentation may not be comparable to similar information disclosed by United States companies.

As a result of the adoption of the SEC Modernization Rules, the SEC now recognizes estimates of "measured mineral resources", "indicated mineral resources" and "inferred mineral resources." In addition, the SEC has amended its definitions of "proven mineral resources" and "inferred mineral resources." In addition, the SEC has amended its definitions of "proven mineral resources" and "inferred mineral resources." In addition, the SEC has amended its definitions of "proven mineral resources" and "probable mineral resources" to be "substantially similar" to the corresponding CIM Definition Standards that are required under NI 43-101. While the above terms are "substantially similar" to CIM Definition Standards, there are differences in the definitions under the SEC Modernization Rules and the CIM Definition Standards. There is no assurance any mineral resources that the Company may report as "proven mineral resources", "probable mineral resources", "measured mineral resources", "indicated mineral resources" and "inferred mineral resources" under NI 43-101 would be the same had the Company prepared the reserve or resource estimates under the standards adopted under the SEC Modernization Rules or under the prior standards of Industry Guide 7. Accordingly, information contained in this presentation may not be comparable to similar information made public by U.S. companies subject to the reporting and disclosure requirements under the United Statesfederal securities laws and the rules and regulations thereunder.

TECHNICAL REPORT

Certain scientific and technical information relating to the:

- Camino Rojo Project is based on and derived from the NI 43-101 report prepared for Orla entitled "Unconstrained Feasibility Study NI 43-101 Technical Report on the Camino Rojo Gold Project Municipality of Mazapil, Zacatecas, Mexico", dated January 11, 2021 (the "Camino Rojo Feasibility Study");
- South Railroad Project is based on and derived from the NI 43-101 report prepared for Gold Standard entitled "South Railroad Project, Form 43-101F1 Technical Report Feasibility Study, Elko County, Nevada" dated March 23, 2022 (the "South Railroad Feasibility Study"); and
- Cerro Quema Project is based on and derived from the NI 43-101 report prepared for Orla entitled "Project Pre-Feasibility Updated NI 43-101 Technical Report on the Cerro Quema Project, Province of Los Santos, Panama" dated January 18, 2022 (the "Cerro Quema Pre-Feasibility Study").

Such information contained herein is subject to all of the assumptions, qualifications and procedures set out in such reports and reference should be made to such reports, which have been filed with the applicable regulatory authorities and are available on Orla's profile at <u>www.sedarplus.ca</u> or <u>www.sec.gov</u>. The Camino Rojo Feasibility Study, the South Railroad Feasibility Study and the Cerro Quema Pre-Feasibility Study are intended to be read as a whole, and sections should not be read or relied upon out of context.

TECHNICAL INFORMATION

The scientific and technical information in this presentation has been reviewed and approved by Mr. J. Andrew Cormier, P. Eng., Chief Operating Officer of the Company, and Mr. Sylvain Guerard, P Geo., Senior Vice President, Exploration, of the Company, who are the Qualified Personsfor this presentation as defined under NI 43-101 standards.

For additional information on the results of certain of the Company's 2020-2023 exploration programs discussed in this presentation, see the Company's press releases dated August 3, 2021 (Orla Mining Confirms Higher Grade Gold Zones Within Camino Rojo Sulphide Resource and Provides Project Update), May 9, 2022 (Orla Mining Announces Positive Initial Metallurgical Results on Camino Rojo Sulphide Project), September 12, 2022 (Orla Mining Advances Exploration & Growth Pipeline), November 10, 2022 (Orla Mining Reports Third Quarter 2022 Results), January 31, 2023 (Orla Mining Continues to Intersect Wide, Higher-Grade Sulphide Zones and Expose Deeper Potential at Camino Rojo, Mexico), June 22, 2023 (Orla Mining Provides Update On Successful Drilling Program In Mexico), February 8, 2023 (Orla Mining Discovers New Style of Sulphide Mineralization at Camino Rojo Exploration at South Railroad Project, Nevada) and February 22, 2024 (Orla Mining Discovers New Style of Sulphide Mineralization at Camino Rojo Extending 0.5kmBeyond Current Resources).



OPERATIONS



Performing

EXPLORATION & DEVELOPMENT



Advancing

BALANCE SHEET & PORTFOLIO



States.

Ø

Record fourth quarter, annual guidance beat

34koz

0.73g/t AU GRADE STACKED

19.0ktpd AVG STACKING TPT

Continued strong mining and processing performance

Record quarterly gold production

2023 production guidance exceeded (110,000 - 120,000 oz)

Continued focus on workforce health and safety and environmental management

South Railroad development progressing with submission of Supplemental Environmental Reports (EIS process)

Sage grouse habitat and water rights planning, in progress

| | | Q4-2023 | FY 2023 |
|-------------------------------|--------|-----------|------------|
| Mining | | | |
| Total Ore Mined | tonnes | 1,861,068 | 7,436,960 |
| WasteMined | tonnes | 802,824 | 4,161,591 |
| Total Mined | tonnes | 2,663,892 | 11,598,551 |
| Strip Ratio | W:O | 0.43 | 0.56 |
| | | | |
| Processing | | | |
| Ore Stacked | tonnes | 1,747,816 | 7,005,694 |
| Stacked Ore Gold Grade | g/t | 0.73 | 0.79 |
| Gold Produced | OZ | 34,484 | 121,877 |
| Daily Stacking Rate – Average | tpd | 18,998 | 19,194 |



Q4 FINANCIAL HIGHLIGHTS

Strong operating margins

31 koz



\$97m

Continued low-cost operations driving robust margins

Adjusted earnings of \$0.05 per share

Impairment charge of \$72.4m on Cerro Quema Project

Cash flow from operations before changes in W/C of \$24.7 million

\$9.1 million of cash tax paid during the quarter

Year end net cash¹ of \$8.3 million

Achieved 2023 AISC guidance of \$700-\$800/oz sold (previously \$750-\$850/oz)

| | | Q4-2023 | FY-2023 |
|--|-----------|----------------|--------------|
| Operating | | | |
| Gold Production | ounces | 34,484 | 121,877 |
| Gold Sold | ounces | 31,300 | 118,993 |
| Average Realized Gold Price ¹ | per ounce | \$1,974 | \$1,941 |
| Cash Cost ¹ | per ounce | \$536 | \$506 |
| All-in Sustaining Costs ^{1,2} | million | \$802 | \$736 |
| Financial | | | |
| Revenue | million | \$62.9 | \$233.6 |
| Net Income (Loss) | million | \$(58.4) | \$(27.0) |
| Earnings (Loss) per Share - basic | per share | \$(0.19) | \$(0.09) |
| Adjusted Earnings ¹ | million | \$15.7 | \$47.8 |
| Adjusted Earnings per Share - basic | per share | \$0.05 | \$0.15 |
| Cash Flow from Operations before $W\!/\!C^1$ | million | \$24.7 | \$68.9 |
| Free Cash Flow ¹ | million | \$(8.2) | \$23.6 |
| Financial Position | | Dec 31, 2022 | Dec 31, 2023 |
| Cash and Cash Equivalents | | \$96.3 | \$96.6 |
| Net Cash (Debt) ¹ | | \$(49.5) | \$8.3 |



YEAR OVER YEAR IMPROVEMENTS

Strengthening balance sheet

\$97m



~\$60m

Repaid ~\$60 million in debt in 2023

Further deleveraging in Q4:

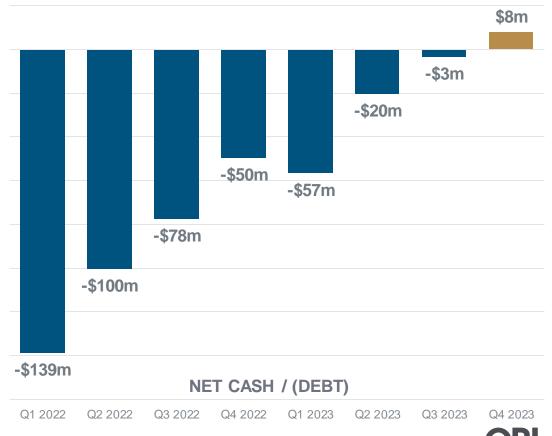
• Final \$22.8 million payment to Fresnillo paid November 2023

Net debt¹ improved significantly YoY

• Established net cash position end of year

Credit Facility refinancing completed in Q3

\$150 million Revolving Credit Facility





1. Please refer to Appendix "Non-GAAP Measures" of this presentation for additional information. All dollar amounts in USD 2023 RECAP

Continued operational delivery



~\$60 million

STRONG FINANCIAL POSITION (December 31, 2023)

\$97 million

\$158 million liquidity¹

EXPLORATION & PROJECT DEVELOPMENT IN 2023



AISC and liquidity are non-GAAP measures. Please refer to Appendix "Non-GAAP Measures" of this presentation for additional information.
 For additional information, see the Company's press releases, dated January 16, 2024, March 19, 2024.



2024 PLANS

9

Investing in growth



PRODUCTION AND COSTS GUIDANCE



INVESTMENT INTO EXPLORATION & PROJECT DEVELOPMENT



1. Includes expensed and capitalized exploration and project development.



3. For additional information, see the Company's press release dated January 16, 2023.



CAMINO ROJO - EXPLORATION & DEVELOPMENT

Multi-dimensional growth in Mexico

Successful near pit oxide drilling

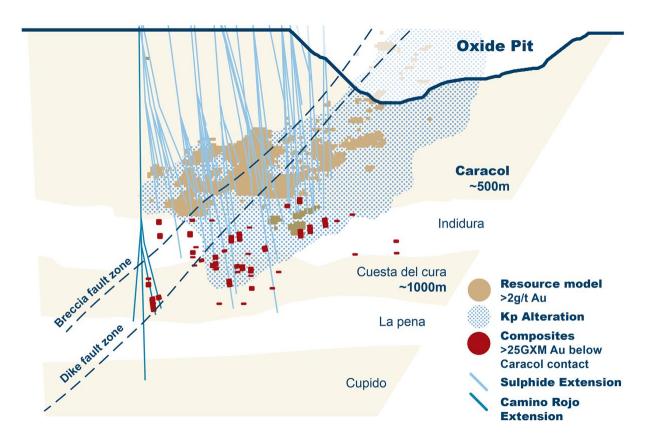
Completion of three-year sulphide program

- Three drill programs completed 2021/22/23
 - 50,924 metres total
- Shows presence of higher-grade zones over bulk mineable widths

2023 sulphide drilling: 37,677 metres

- Closely-spaced, south-oriented
- Strengthen confidence of underground development approach

Targeting preliminary underground resource in H2 2024





CAMINO ROJO - SULPHIDE EXPLORATION & DEVELOPMENT

Evidence of more potential at depth

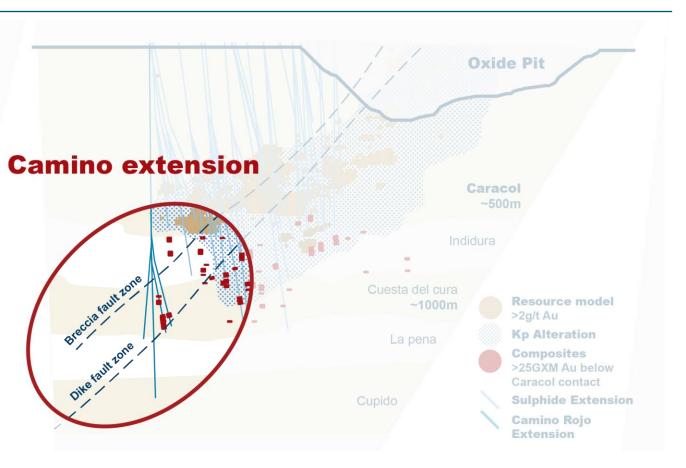
Camino Rojo Sulphide open at depth

- Historical and new gold mineralization below current resource
- Skarn and massive sulphide (manto-style) mineralization
- Dike and Breccia fault zones possible feeder structures
- Testing extension potential part of 2023 drilling objective

Orla's Camino Rojo Extension drill intersections (Au)

- 5.6m at 12.7g/t AuEq (10.3g/t Au, 38g/t Ag, 3.8%Zn)
 - Incl. 2.8m @ 17.8g/t Au, 71g/t Ag & 7.2% Zn
- **11.7m at 6.25g/t AuEq** (4.86g/t Au, 44g/t Ag, 1.3%Zn)
 - Incl. 1.7m @ 28.6g/t Au, 224g/t Ag & 1.3% Zn
- 22.9m at 4.94g/t AuEq (4.02g/t Au, 12g/t Ag, 1.5% Zn)
 Incl. 3.5m @ 14.6g/t Au & 4.8% Zn
- 8.5m at 5.90g/t AuEq (3.52g/t Au, 26g/t Ag, 3.6% Zn)

Positive initial metallurgical test results



For additional information on the results of the 2020-2023 programs and Camino Rojo Sulphides, see the Company's press releases dated August 3, 2021, May 9, 2022, September 12, 2022, November 10, 2022, January 31, 2023, June 22, 2023, and February 22, 2024. Price assumptions used in Aueq calculation: Au = 1750usd oz, Ag = 21usd oz, Cu = 3.5usd lb, Zn = 1.2usd lb



DISTRICT CONSOLIDATION, SOUTH EXTENSION OF GEOLOGY AND MINERALIZATION

Just getting started in Railroad District

Immediate early success upon reactivation of exploration

• Acquisition of Gold Standard Ventures August 2022

Significant oxide intersections beyond projected open pits

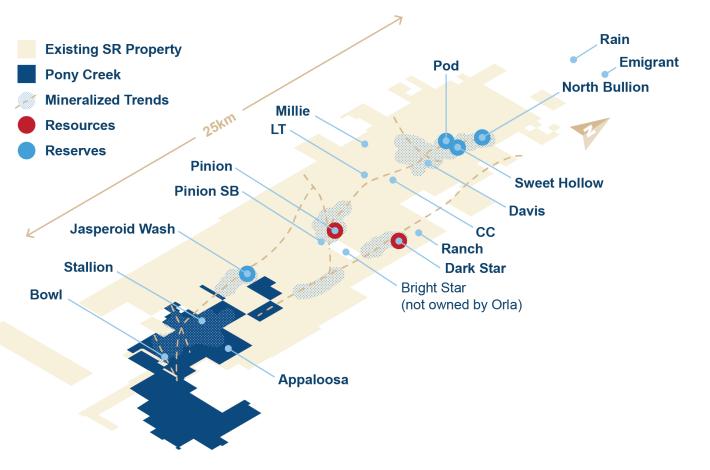
Encouraging results from early-stage exploration

Results-based 2024 program

- 15,000 metres planned (+7,000 metres at Pony Creek)
- Oxide pit expansion drilling + regional program

Contact Gold acquisition

- Pony Creek, adjacent to South Railroad
- Multiple drill-ready exploration targets on property and adjacent to claim boundary
- · Favourable geological and structural setting
- Planned 2024 drilling upon closing of transaction





Increasing resources and making new discoveries

\$45 million

(exploration & development)

\$11 million

(expensed)

Satellite Deposits: upgrade & increase resources

Near Deposits & Regional Exploration: drill-test priority targets for new discovery

\$23 million¹

Oxide Layback: \$0.5m (capitalized) confirm & delineate mineralization

Sulphides: \$11.0m (capitalized) test & grow extension

Regional Exploration: \$11.5m (expensed) drill-test priority targets & make a discovery PROJECTS

\$10.5 million¹

Administration, permitting & engineering (Incl. holding costs)

For additional information, see the Company's press releases dated January 16, 2024.
 Includes expensed and capitalized exploration. \$8.5M out of the \$10.5M in project spending is expected to be expensed.



LEADING WITH CARE

Driving shareholder value through ESG

Successful new agreement with Camino Rojo labour union

First Sustainability Report (TCFD & SASB / IFRS)

Three new multi-stakeholder partnerships in Mexico



2024 PLANS

Strong fundamental business

Net cash positive



INVESTMENT INTO BUSINESS

Advancing Mexico & Nevada exploration & development across portfolio²

1. Please refer to Appendix "Non-GAAP Measures" for additional information.

2. For additional information, see the Company's press release, "Orla Mining Beats Increased 2023 Production Guidance and Provides 2024 Production and Cost Guidance", dated January 16, 2024.



THE RIGHT FORMULA FOR VALUE CREATION

Proven
strategyQuality
partnersQuality
projects

NOTES NON-GAAP measures

The Company has included herein certain performance measures ("non-GAAP measures") which are not specified, defined, or determined under generally accepted accounting principles (in our case, International Financial Reporting Standards, or "IFRS"). These are common performance measures in the gold mining industry, but because they do not have any mandated standardized definitions, they may not be comparable to similar measures presented by other issuers. Accordingly, we use such measures to provide additional information and you should not consider them in isolation or as a substitute for measures of performance prepared in accordance with generally accepted accounting principles ("GAAP").

Please see the information under the heading "Non-GAAP Measures" in the Company's management's discussion and analysis for the financial period ended December 31, 2023, which section is incorporated by reference in this presentation, for a description of the non-GAAP disclosed in this presentation. The Company's management's discussion and analysis may be found on SEDAR+ at www.sedarplus.ca and on EDGAR at www.sec.gov.



NOTES NON-GAAP measures

The Company has included herein certain performance measures ("non-GAAP measures") which are not specified, defined, or determined under generally accepted accounting principles (in our case, International Financial Reporting Standards, or "IFRS"), namely all-in sustaining cost ("AISC") and cash cost per ounce. These are common performance measures in the gold mining industry, but because they do not have any mandated standardized definitions, they may not be comparable to similar measures presented by other issuers. Accordingly, we use such measures to provide additional information and you should not consider them in isolation or as a substitute for measures of performance prepared in accordance with generally accepted accounting principles ("GAAP").

Please see the information under the heading "Non-GAAP Measures" in the Company's management's discussion and analysis for the financial period ended September 30, 2023, which section is incorporated by reference in this presentation, for a description of the non-GAAP measures noted above. The Company's management's discussion and analysis may be found on SEDAR at www.sedar.com and on EDGAR at www.sec.gov.

All-in Sustaining Costs

The Company has provided an AISC performance measure that reflects all the expenditures that are required to produce an ounce of gold from operations. The Company reports ASIC on a per-ounce sold basis. While there is no standardized meaning of the measure across the industry, the Company's definition conforms to the all-in sustaining cost definition as set out by the World Gold Council in its guidance dated November 14, 2018. Orla believes that this measure is useful to external users in assessing operating performance and the Company's ability to generate free cash flow from current operations.



Non-GAAP measures (cont.)

Net Cash

Net cash is calculated as cash and cash equivalents and short-term investments less total debt (adjusted for unamortized deferred financing charges) at the end of the reporting period. This measure is used by management to measure the Company's debt leverage. The Company believes that in addition to conventional measures prepared in accordance with IFRS, net cash is useful to evaluate the Company's leverage and is also a key metric in determining the cost of debt.

In millions of US dollars

| NET CASH (DEBT) | Dec 31, 2023 | Dec 31, 2022 |
|-----------------------------------|--------------|--------------|
| Cash and cash equivalents | \$ 96.6 | \$ 96.3 |
| Current portion of long term debt | - | (45.0) |
| Long term debt | (88.4) | (100.8) |
| NET CASH (DEBT) | \$ 8.2 | \$ (49.5) |

Liquidity

Liquidity is calculated as the sum of cash and cash equivalents, short-term Investments, and the undrawn amount available under the Company's revolving credit facility. Liquidity does not have any standardized meaning prescribed by GAAP and is therefore unlikely to be comparable to similar measures presented by other companies. The Company believes that liquidity is useful to evaluate the liquid assets available to the Company.

In millions of US dollars

| LIQUIDITY | Dec 31, 2023 | Dec 31, 2022 |
|--|--------------|--------------|
| Cash and cash equivalents | \$ 96.6 | \$ 96.3 |
| Total credit facility available | 150.0 | 150.0 |
| Credit facility principal draw n dow n | (88.4) | (123.0) |
| Fresnillo obligations | - | (22.8) |
| LIQUIDITY | \$ 158.2 | \$ 100.5 |

