TSX ORE OTCQX ORZCF





BUILD. OPERATE. EXPAND.

Corporate Presentation | June 2025

DISCLAIMER



This presentation contains certain "forward-looking information" within the meaning of applicable Canadian securities laws. Forward-looking information and forward-looking statements (together, "forward-looking statements") are frequently characterized by words such as "plan", "expect", "project", "intend", "believe", "anticipate", "estimate", "potential", "possible" and other similar words, or statements that certain events or conditions "may", "will", "could", or "should" occur.

Certain statements in this presentation with respect to Orezone and the Bomboré Mine are forward-looking statements. These include statements regarding, among others, 5.0Moz global resource targeting 7-10Moz, 3-year production forecast, Stage 1 Hard Rock Expansion (including the estimated CAPEX, the expansion being fully financed and on schedule and budget, estimated first gold and increased production of 50%), exploration upside and tier 1 potential, Orezone being significantly undervalued, financial position outlook, and Analyst Target Price and Recommendations. Furthermore, statements regarding mine plan and production; mineral processing; project infrastructure; project economics; initial project capital costs; development and timeline timetables; and enhancement opportunities are forward-looking statements.

All such forward-looking statements are based on certain assumptions and analysis made by management and qualified persons considering their experience and perception of historical trends, current conditions and expected future developments, as well as other factors management and the qualified persons believe are appropriate in the circumstances. The forward- looking statements are also based on metal price assumptions, exchange rate assumptions, cash flow forecasts, and other assumptions used in the NI 43-101 technical report entitled "Bomboré Phase II Expansion, Definitive Feasibility Study" (the "2023 FS"). Readers are cautioned that actual results may vary from those presented.

In addition, all forward-looking information and statements are subject to a variety of risks and uncertainties and other factors that could cause actual events or results to differ materially from those projected in the forward-looking statements including, but not limited to, use of assumptions that may not prove to be correct, unexpected changes in laws, rules or regulations, or their enforcement by applicable authorities; the failure of parties to contracts to perform as agreed; social or labour unrest; changes in commodity prices; unexpected failure or inadequacy of infrastructure, the possibility of project cost overruns or unanticipated costs and expenses, accidents and equipment breakdowns, political risk (including but not limited the possibility of one or more coup d'état), unanticipated changes in key management personnel and general economic, market or business conditions, the failure of exploration programs, including drilling programs, to deliver anticipated results and the failure of ongoing and uncertainties relating to the availability and costs of financing needed in the future, and other factors described in the Company's most recent annual information form and management discussion and analysis filed on SEDAR+. Readers are cautioned not to place undue reliance on forward-looking information or statements.

The Company provides analyst target price and recommendations for informational purposes only. These

recommendations are not intended as investment advice and should not be relied upon by investors to make financial decisions. Investors are encouraged to conduct their own research and consult with a qualified financial advisor before making any investment choices. The Company disclaims any responsibility for decisions made based on this information.

This presentation also contains references to estimates of mineral resources and mineral reserves. The estimation of mineral resources is inherently uncertain and involves subjective judgments about many relevant factors. Mineral resources that are not mineral reserves do not have demonstrated economic viability. The accuracy of any such estimates is a function of the quantity and quality of available data, and of the assumptions made and judgments used in engineering and geological interpretation, which may prove to be unreliable and depend, to a certain extent, upon the analysis of drilling results and statistical inferences that may ultimately prove to be inaccurate. Mineral resource estimates may require re-estimation based on, among other things: fluctuations in the price of gold; results of drilling; results of metallurgical testing, process and other studies; changes to proposed mine plans; the evaluation of mine plans subsequent to the date of any estimates; and the possible failure to receive required permits, approvals and licenses.

Although the forward-looking statements contained in this presentation are based upon what management of the Company believes are reasonable assumptions, the Company cannot assure investors that actual results will be consistent with these forward-looking statements. These forward-looking statements are made as of the date of this presentation and are expressly qualified in their entirety by this cautionary statement. Subject to applicable securities laws, the Company does not assume any obligation to update or revise the forward-looking statements contained herein to reflect events or circumstances occurring after the date of this news release.

Independent reference should be made to the full text of the 2023 FS and the news release dated October 11, 2023 for the assumptions, qualifications and limitations relating thereto. The 2023 FS is available on the Company's website and SEDAR+.

AISC includes cash costs (mine-level operating costs covering mining, processing, administration, royalties, and selling charges) and adds sustaining capital, sustaining exploration, sustaining lease payments, and corporate general and administration costs. Excluded from the Company's AISC definition are depreciation and depletion, accretion and amortization of reclamation costs, growth capital, growth exploration, financing costs, and share-based compensation.

Qualified Persons

Dale Tweed, P. Eng., VP Engineering; and Rob Henderson, P. Eng., VP Technical Services of Orezone, are Qualified Persons under NI 43-101 and have reviewed and approved the scientific and technical information contained in this presentation. Messrs. Tweed, and Henderson are not independent within the meaning of NI 43-101.

BURKINA FASO An Established Gold Mining Jurisdiction





Ideal Location

- **90-minute drive** from the capital city
- **Ease of logistics** and security
- Skilled local labour force

> 18Moz Gold within 50km¹

- West African Resources: Sanbrado, Toega and Kiaka
- New high-grade gold discoveries

Supportive Mining Jurisdiction

- ▶ 16 mines brought into production
- Majority of mines built on/ahead of schedule and on/under budget
- Strong support from local communities and in-country partners

BUILD | OPERATE | EXPAND



Oxide plant built on-time and under-budget



Commercial **Production** Dec 2022



Production Guidance Achieved 2023 & 2024

Throughput optimized to 6.0Mtpa

>100,000 oz/yr **Operations**



Stage 1 >170,000 oz/yr

Expansion



Construction of an independent parallel 2.5Mtpa hard rock plant



Project Financing Secured



Commenced



Tier 1 potential **Exploration**



14km reserve defined system, average reserve depth of <40m



Drilling Underway



Multi-year **Drill Program**

5.0Moz global resource, targeting 7-10Moz



Construction

First Gold Q4-2025



BOMBORÉ: Q1-2025 Highlights

PRODUCTION

ANCE

SHEET



GOLD PRODUCTION

28,688oz

On track to achieve 2025 guidance 115,000 - 130,000oz

GOLD SALES

28,943oz

Average realized price of US\$2,851/oz, US\$82.7M in revenue

AISC

\$1,415/oz sold

On track to achieve 2025 guidance \$1,400 - \$1,500/oz

BALANCE SHEET

STRONG FINANCIAL POSITION

Cash: **\$102.0M** / Senior Debt: **\$65.2M**

Availability Liquidity: \$130.9M

HARD ROCK EXPANSION

TRACKING ON SCHEDULE & BUDGET

Stage 1 Commissioning in Q4-2025

EXPANSION

HEALTH & SAFETY

0 LTIs

1.4M hours worked during quarter

Over **20M** hours worked LTI-free

EALTH & SAFETY



2025 Production & Costs Guidance

Operating Guidance (100% Basis)	2025 Guidance	Q1-2025 Actuals		
Gold Production	115,000 – 130,000oz	28,688		
AISC 1,2,3	\$1,400 - \$1,500/oz	\$1,415		
Sustaining Capital 1,2	\$9 – \$10M	\$3.2		
Growth Capital (excluding Stage 1 hard rock expansion) 1,2	\$44 – \$51M	\$7.7		
Stage 1 Hard Rock Expansion Capital 1,2	\$75 – \$80M	\$19.0		

Investing in the Future 2025 Growth Capital

- Permanent Back-up Diesel Power Plant (\$22-\$24M)
 - To support both oxide and hard rock operations during temporary grid power outages
 - Significantly improved grid power availability, >90% expected
- Tailings Footprint Expansion (\$11-\$13M)
 - Construction of Life-of-Mine TSF footprint
- Resettlement Action Plan (\$11-\$14M)
 - Community relocation to provide future mining access to southern end of property

- 1. Refer to the "Non-IRFS Measures" section in the MD&A for the three months ended March 31, 2025
- Foreign exchange rates used to forecast cost metrics include XOF/USD of 600 and CAD/USD of 1.35
- 3. Government royalties included in AISC guidance based on an assumed gold price of \$2,600/oz



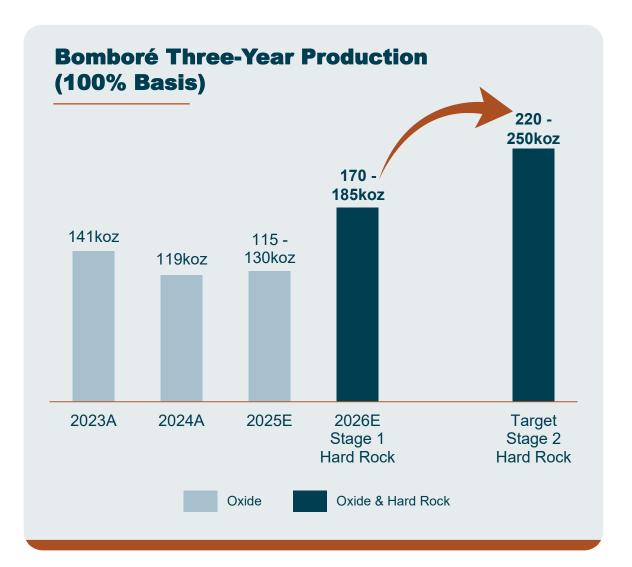
2025 A Significant Transition Year

Stage 1 Hard Rock − 2.5Mtpa

- Construction underway
- Commissioning Q4-2025
- Production: >170,000oz/yr

Accelerated Stage 2 Hard Rock – 5.5Mtpa¹

- Originally planned for 2028 with start-up in Q1-2029
- Pull forward Stage 2 expansion by 2 years
- Targeted completion Q4-2026
- Production: 220,000 250,000oz/yr
- Bomboré will be one of the largest mines in West Africa following Stage 2 completion





STAGE 1 Hard Rock Expansion – 2.5Mtpa

Budgeted CAPEX of \$90-95M

Fully financed

Ahead of schedule & on budget

- Engineering remains ahead of schedule
- Equipment and material procurement now complete
- Jaw crusher and SAG mill foundations well advanced. Mill installation to commence in early June
- CIL tank installation now complete
- > TSF expansion underway

Commissioning: Q4-2025





STAGE 1 Hard Rock Expansion – 2.5Mtpa











- 1. Hard rock expansion area with oxide plant and shared infrastructure
- 2. Dump pocket & crusher foundation
- 3. CIL tanks
- 4. SAG mill foundation
- 5. Major SAG mill components on site



STAGE 2 Hard Rock Expansion – 5.5Mtpa

Mill throughput to increase from 2.5Mtpa to 5.5Mtpa

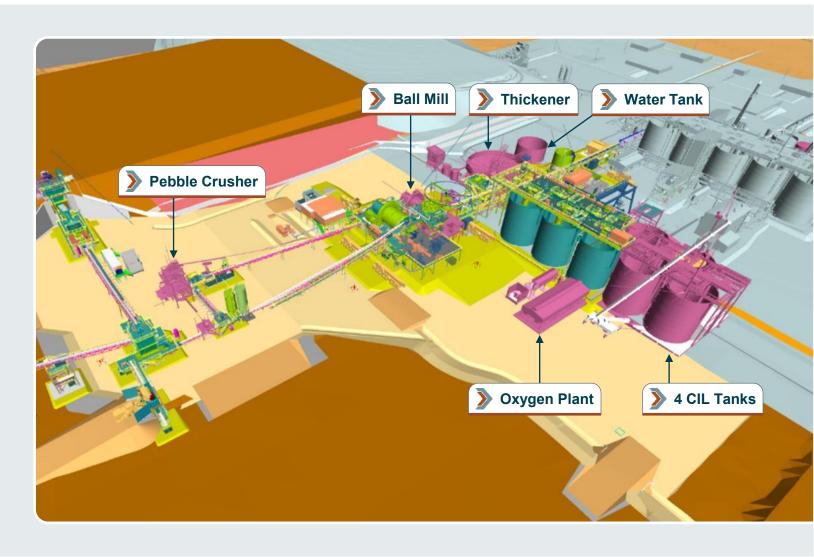
Production 220,000 – 250,000oz/yr

Additions to hard rock plant

- 4 additional CIL tanks
- Ball mill & pebble crusher
- > Thickener & water tank
- Oxygen plant
- Gold room expansion

Planning for accelerated ramp-up¹

> Targeted completion: Q4-2026



KEY TO OUR SUCCESS Commitment to Local Content





Local Workforce

- **▶** 97% Burkinabe workforce
 - Well established workforce in country with 16 mines developed
 - Only four expats

- > First to use an in-country mining contractor
 - Very successful ramp-up and performance since commissioning
 - Now performing similar services for two major mining companies in country

Local Financial Partners

Nioko Resources

West African based investment group, currently holds 19.5% ownership in Orezone

> Coris Bank - senior lender

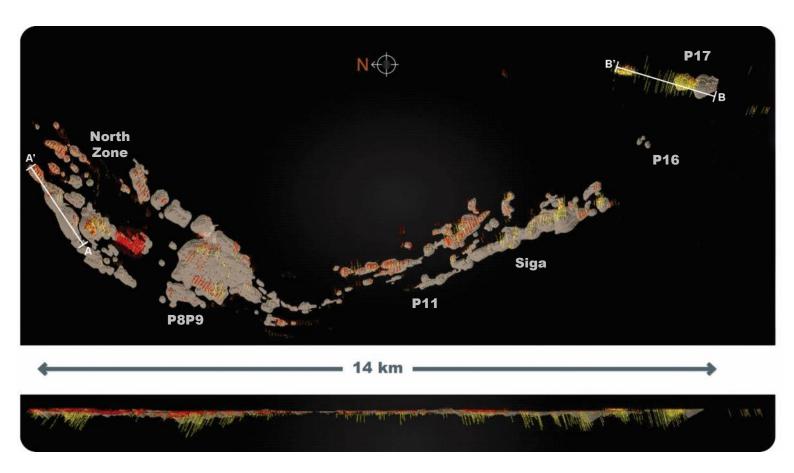
Based out of Burkina Faso, one of the largest banks in West Africa





EVOLVING EXPLORATION OUTLOOK

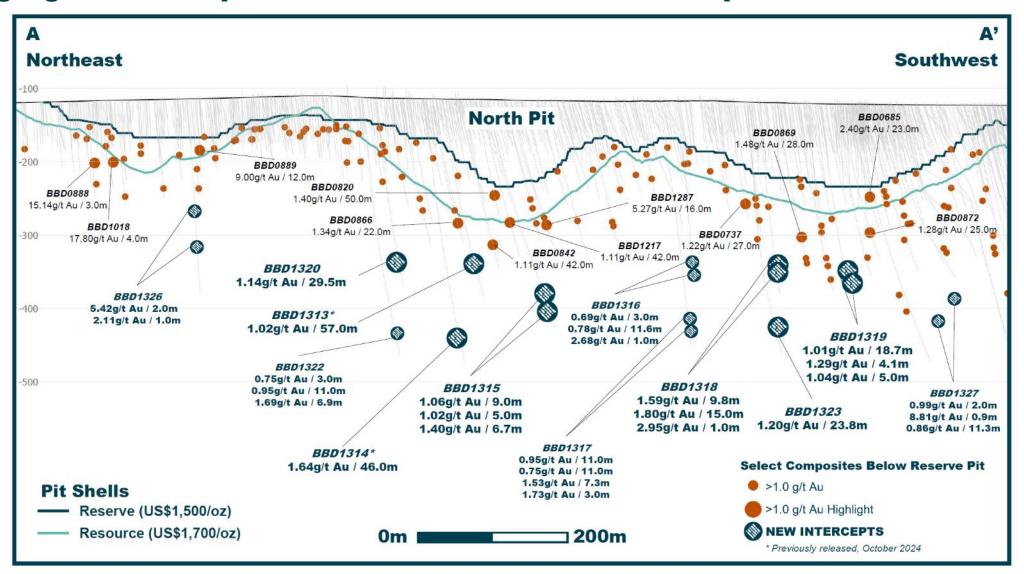
- Prior to 2017: heap leach focus
- **▶** 2017 to 2022: hard rock integration
 - New management team
 - 2 4Moz Mineral Reserve¹
 - Average reserve pit depth <40m
 - Full ramp-up: 220,000-250,000oz/yr
 - Only 38 holes deeper than 250m
- 2024 onward: expanding scope
 - Pit extensions at depth along strike
 - Underground potential of higher-grade sub-zones



NORTH ZONE LONG SECTION Looking Southeast



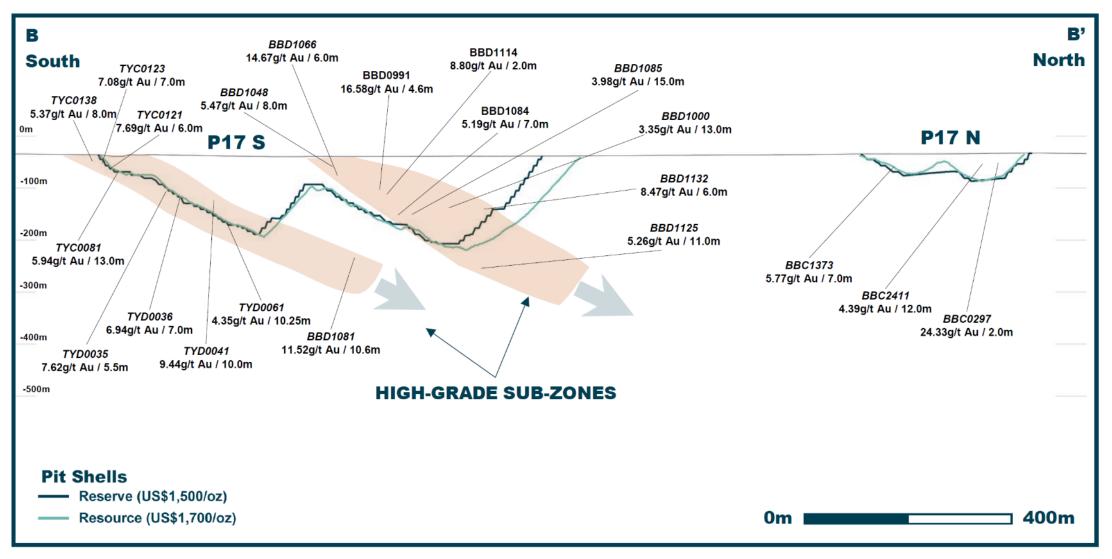
Highlighted intercepts below current resource & reserve pits



P17 LONG SECTION Looking Northwest



Highlighted intercepts within higher-grade sub-zones





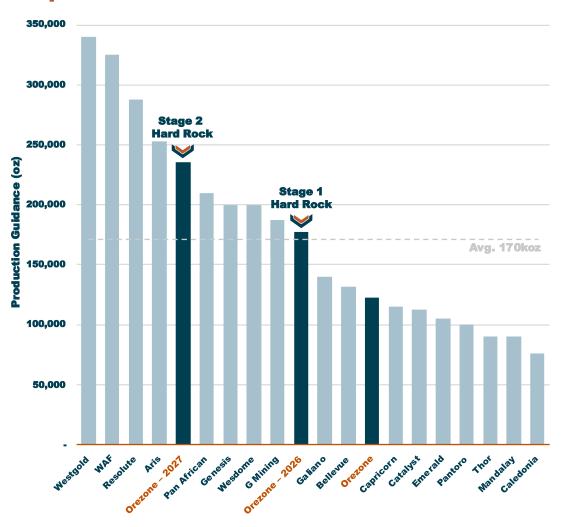
III OREZONE

Current Position

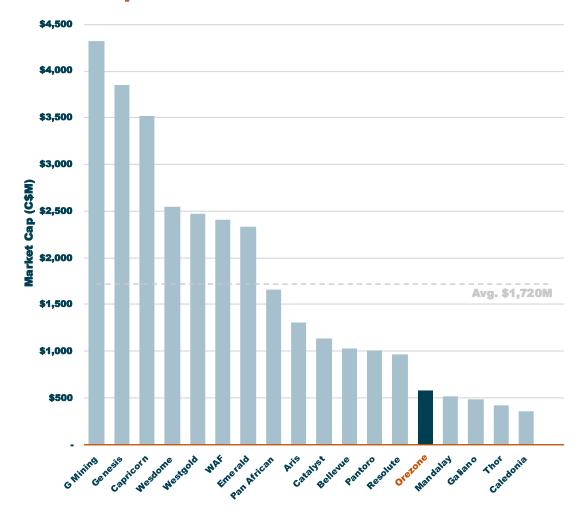
OREZONE Significantly Undervalued



Mid-point 2025 Production Guidance



Market Capitalization



Source: S&P Capital IQ Pro & Public Disclosure as at close on May 31, 2025



2025 A Transformational Year

Completion of Stage I Hard Rock Expansion

- Hard rock mining to increase overall head grade and lower AISC starting in 2026
- Hard rock plant to provide increased operational flexibility vs current standalone oxide plant



ASX Secondary Listing (mid-2025)

- Increased trading liquidity and access to new investors, including specialist mining focused funds
- Recent financing to support accelerating Stage 2 expansion included participation of several large Australian funds



Renewed Focus: Multi-year Exploration Program Planned

- 2.4Moz Mineral Reserve¹ at US\$1,500/oz cut-off grade, average pit depth of <40m
 - Supports full ramp-up to 220,000-250,000oz/yr
- Current drilling focused on extending mineral system to depth and delineating higher grade centres of mineralization
 - Positive initial results: 1.64g/t Au over 46.0m from 200m below reserve pit (North Zone)²

^{1.} For the full mineral resource and reserve disclosure, please see the NI 43-101 technical report entitled "Bomboré Phase II Expansion, Definitive Feasibility Study" which is available on SEDAR+

Please see Orezone's news releases dated October 10, 2024 and January 26, 2025 for exploration results

FINANCIAL POSITION



Q1-2025 Financial Position¹

- **▶**\$102M cash
- **▶** \$65M senior debt with Coris Bank
 - 9 11% interest rate
 - \$29M undrawn
- **▶** \$35M convert with RCF & Beedie
 - Conversion price of C\$1.00/share
 - Matures Q3-2026



Outlook

- ▶ Expected \$80M in senior debt outstanding upon completion of Stage 1 hard rock plant in late 2025
- Debt free by Q4-2027

CAPITAL STRUCTURE & Research Coverage



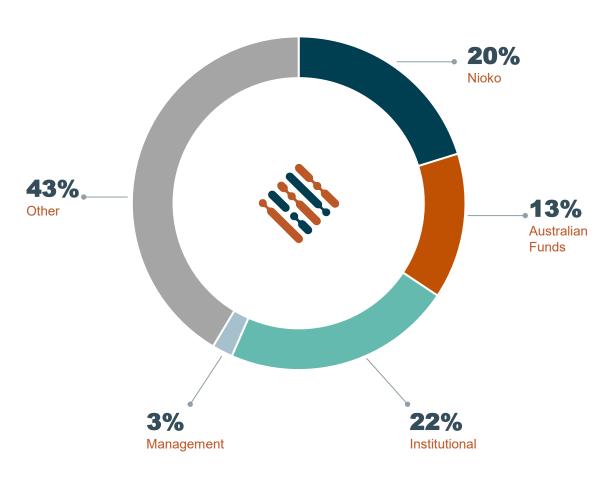
Capital Structure

TSX: ORE, OTCQX: ORZCF						
Shares Issued ¹	530,713,926					
Shares Fully Diluted ²	609,921,858					
Market Capitalization ¹	C\$586M					

Analyst Coverage

Broker	Analyst			
Canaccord	Jeremy Hoy			
CIBC	Cosmos Chiu			
Hannam	Jonathan Guy			
Raymond James	Craig Stanley			
TD	Pending reassignment			
Ventum Financial	Pending reassignment			

Major Shareholders³



^{1.} As at April 30, 2025

^{2.} As at April 30, 2025 and assumes US\$35M Convertible conversion and exercise of options, RSU's and DSU's

^{3.} Most recent data available from Irwin and www.sedi.ca. Numbers may not add due to rounding

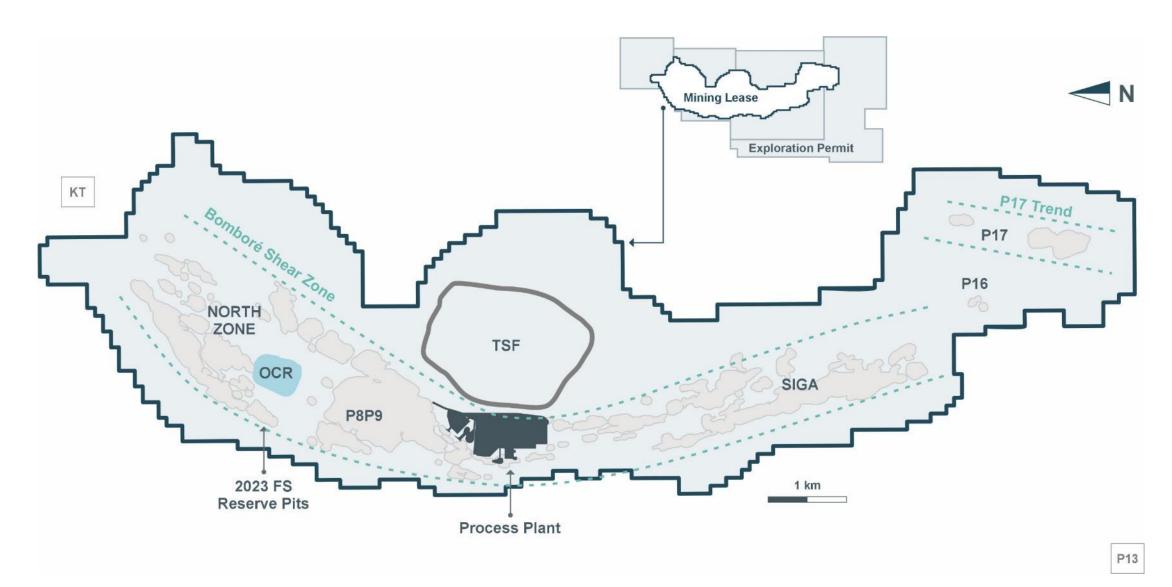


A OREZONE

Appendix

BOMBORÉ Site Layout





MANAGEMENT & DIRECTORS



Significant Hands-on Experience

MANAGEMENT

PATRICK DOWNEY

President, CEO and Director

PETER TAM

EVP & CFO

RYAN GOODMAN

SVP & General Counsel

KEVIN MACKENZIE

VP, Corporate Development & IR

ROB HENDERSON

VP, Technical Services

DALE TWEED

VP, Engineering

GARETH WITHERS

VP, Finance

OUSSENI DERRA

General Manager, Orezone Bomboré SA

BOARD

PATRICK G. DOWNEY

President, CEO and Director

Former President, Chief Executive Officer and Director of Elgin Mining Inc., Aura Minerals Inc. and Viceroy Exploration Ltd. Former Board member of Claude Resources and Dalradian Resources

SEAN HARVEY

Director (Chair)

Former Chair of the Board of Perseus Mining Limited. Former board member of Moto Gold Mines Ltd., TVX Gold Inc., Orvana Minerals Corp. and Serabi Gold plc.

JULIAN BABARCZY

Director

Former member of the investment and leadership team at Regal Funds Management. Executive Chairman of Perpetual Resources, Chair of DataWorks Group Limited and non-executive director of Lincoln Metals

JOSEPH CONWAY

Director

Former Chief Executive Officer and Executive Vice Chairman of Primero Mining. Former President and CEO of IAMGOLD Corporation. Former President, CEO and Director of Repadre Capital Corporation

ROB DOYLE

Director (Audit Committee Chair)

Founding Board member and previous Chair of the Audit Committee of Maverix Metals Inc. and former Chief Financial Officer of Pan American Silver Corp.

KATE HARCOURT

Director

Non-executive Director of Atalaya Mining plc and Fortuna Silver Mines Inc.

TARA HASSAN

Director

SVP, Corporate Development for SilverCrest Metals Inc. and former ranked mining analyst covering precious metals

RESOURCE AND RESERVE ESTIMATES



Bomboré Gold Project

Resource Estimate as of March 28, 2023¹

	Measured			Indicated			Measured and Indicated			Inferred		
	Tonnes Mt	Grade Au g/t	Ounces Au koz	Tonnes Mt	Grade Au g/t	Ounces Au koz	Tonnes Mt	Grade Au g/t	Ounces Au koz	Tonnes Mt	Grade Au g/t	Ounces Au koz
Oxide	16.4	0.59	312	72.9	0.56	1,311	89.3	0.57	1,623	3.3	0.57	60
Hard Rock	11.1	1.09	389	78.8	0.99	2,503	89.9	1.00	2,892	16.7	1.02	549
Total	27.5	0.79	701	151.7	0.78	3,814	179.3	0.78	4,515	20.0	0.95	610

Reserve Estimate as of March 28, 2023¹

		Proven			Probable		Proven & Probable			
	Tonnes Mt	Grade Au g/t	Ounces Au koz	Tonnes Mt	Grade Au g/t	Ounces Au koz	Tonnes Mt	Grade Au g/t	Ounces Au koz	
Oxide	6.2	0.62	124	50.5	0.55	897	56.7	0.56	1,020	
Hard Rock	3.3	1.29	137	35.6	1.00	1,144	38.9	1.02	1,281	
Oxide Stockpiles	-	-	-	7.9	0.40	102	7.9	0.40	102	
Total	9.5	0.86	261	94.0	0.71	2,143	103.5	0.72	2,403	