

A Responsible International Senior Gold Producer

TSX BTO
NYSE AMERICAN BTG
NSX B2G

CORPORATE PRESENTATION

FEBRUARY 2025

ACQUIRE

DISCOVER

FINANCE

BUILD

OPERATE

CAUTIONARY STATEMENTS



Production results and production guidance presented in this presentation reflect total production at the mines B2Gold operates on a 100% project basis. Please see our Annual Information Form dated March 14, 2024 ("2024 AIF") for a discussion of our ownership interest in the mines B2Gold operates. This presentation includes certain "forward-looking information" and "forward-looking statements" (collectively forward-looking statements") within the meaning of applicable Canadian and United States securities legislation, including: projections; outlook; guidance; forecasts; estimates; and other statements regarding future or estimated financial and operational performance, gold production and sales, revenues and cash flows, and capital costs (sustaining and non-sustaining) and operating costs. including projected cash operating costs and AISC, and budgets on a consolidated and mine by mine basis; and including, without limitation; projected gold production, cash operating costs and AISC on a consolidated and mine by mine basis in 2025; total consolidated gold production of between 970,000 and 1,075,000 ounces in 2025, with cash operating costs of between \$835 and \$895 per ounce and AISC of between \$1,460 and \$1,520 per ounce: B2Gold's continued prioritization of developing the Goose Project in a manner that recognizes Indigenous input and concerns and brings long-term socio-economic benefits to the area: the Goose Project capital cost being approximately C\$1.190 million, and the net cost of open pit and underground development, deferred stripping, and sustaining capital expenditures to be incurred prior to first gold production being approximately C\$350 million; the Goose Project producing approximately 310,000 ounces of gold per year for the first six years; the potential for first gold production in the second guarter of 2025 from the Goose Project and the estimates of such production: Fekola Regional sources having the potential to generate average contribution of approximately 180,000 ounces of additional annual gold production per year from 2026 through 2029; Fekola Regional production expected to commence in the mid-2025 and the estimates of such production; Fekola underground production expected to commence in mid-2025; the results and estimates in the Antelope deposit PEA, including the project life, annual average gold production, total gold production, ore tonnes processed, capital cost, net present value, after-tax net cash flow and payback; the potential for the Antelope deposit to be developed as an underground operation and contribute gold during the low-grade stockpile processing in 2029 through 2032; the results and estimates in the Gramalote PEA, including the project life, average annual gold production, processing rate, capital cost, net present value, after-tax net cash flow, after-tax internal rate of return and payback; the timing and results of a feasibility study for the Gramalote Project; and the potential to develop the Gramalote Project as an open pit gold mine. All statements in this presentation that address events or developments that we expect to occur in the future are forward-looking statements. Forward-looking statements are statements that are not historical facts and are generally, although not always, identified by words such as "expect", "plan" "anticipate", "project", "target", "potential", "schedule", "forecast", "budget", "estimate", "intend" or "believe" and similar expressions or their negative connotations, or that events or conditions "will", "would", "may", "could", "should" or "might" occur. All such forward-looking statements are based on the opinions and estimates of management as of the date such statements are made.

Forward-looking statements necessarily involve assumptions, risks and uncertainties, certain of which are beyond B2Gold's control including risks associated with or related to: worldwide economic and political disruptions as a result of current macroeconomic conditions or the ongoing conflict between Russia and Ukraine; the volatility of metal prices and B2Gold's common shares; changes in tax laws; the dangers inherent in exploration, development and mining activities; the uncertainty of reserve and resource estimates; not achieving production, cost or other estimates; actual production, development plans and costs differing materially from the estimates contained herein, or in B2Gold's feasibility and other studies; the ability to obtain and maintain any necessary permits, consents or authorizations required for mining activities; environmental regulations or hazards and compliance with complex regulations associated with mining activities; climate change and climate change regulations; the ability to replace mineral reserves and identify acquisition opportunities; the unknown liabilities of companies acquired by B2Gold; the ability to successfully integrate new acquisitions; fluctuations in exchange rates; the availability of financing; financing and debt activities, including potential restrictions imposed on B2Gold's operations as a result thereof and the ability to generate sufficient cash flows; operations in foreign and developing countries and the compliance with foreign laws, including those associated with operations in Mali, Namibia, the Philippines and Colombia and including risks related to changes in foreign laws and changing policies related to mining and local ownership requirements or resource nationalization generally; remote operations and the availability of adequate infrastructure; fluctuations in price and availability of energy and other inputs necessary for mining operations; shortages or cost increases in necessary equipment, supplies and labour; regulatory, political and country risks, including local instability or acts of terrorism and the effects thereof; the reliance upon contractors, third parties and joint venture partners; the lack of sole decision-making authority related to Filminera Resources Corporation, which owns the Masbate Project: challenges to title or surface rights; the dependence on key personnel and the ability to attract and retain skilled personnel; the risk of an uninsurable or uninsured loss; adverse climate and weather conditions; litigation risk; competition with other mining companies; community support for

B2Gold's operations, including risks related to strikes and the halting of such operations from time to time; conflicts with small scale miners; failures of information systems or information security threats; the ability to maintain adequate internal controls over financial reporting as required by law, including Section 404 of the Sarbanes-Oxley Act; compliance with anti-corruption laws, and sanctions or other similar measures; social media and B2Gold's reputation; risks affecting Calibre having an impact on the value of the Company's investment in Calibre, and potential dilution of our equity interest in Calibre; as well as other factors identified and as described in more detail under the heading "Risk Factors" in B2Gold's most recent Annual Information Form, B2Gold's current Form 40-F Annual Report and B2Gold's other filings with Canadian securities regulators and the U.S. Securities and Exchange Commission (the "SEC"), which may be viewed at www.sedar.com and www.sec.gov, respectively (the "Websites"). The list is not exhaustive of the factors that may affect B2Gold's forward-looking statements.

B2Gold's forward-looking statements are based on the applicable assumptions and factors management considers reasonable as of the date hereof, based on the information available to management at such time. These assumptions and factors include, but are not limited to, assumptions and factors related to: development and exploration activities; the timing, extent, duration and economic viability of such operations, including any mineral resources or reserves identified thereby; the accuracy and reliability of estimates, projections, forecasts, studies and assessments; B2Gold's ability to meet or achieve estimates, projections and forecasts; the availability and cost of inputs; the price and market for outputs, including gold; foreign exchange rates; taxation levels; the timely receipt of necessary approvals or permits; the ability to meet current and future obligations; the ability to obtain timely financing on reasonable terms when required; the current and future social, economic and political conditions; and other assumptions and factors generally associated with the mining industry.

B2Gold's forward-looking statements are based on the opinions and estimates of management and reflect their current expectations regarding future events and operating performance and speak only as of the date hereof. B2Gold does not assume any obligation to update forward-looking statements if circumstances or management's beliefs, expectations or opinions should change other than as required by applicable law. There can be no assurance that forward-looking statements will prove to be accurate, and actual results, performance or achievements could differ materially from those expressed in, or implied by, these forward-looking statements. Accordingly, no assurance can be given that any events anticipated by the forward-looking statements will transpire or occur, or if any of them do, what benefits or liabilities B2Gold will derive therefrom. For the reasons set forth above, undue reliance should not be placed on forward-looking statements.

Non-IFRS Measures

This presentation includes certain terms or performance measures commonly used in the mining industry that are not defined under International Financial Reporting Standards ("IFRS"), including "cash operating costs" and "all-in sustaining costs" (or "AISC"). Non-IFRS measures do not have any standardized meaning prescribed under IFRS, and therefore they may not be comparable to similar measures employed by other companies. The data presented 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 and should be read in conjunction with B2Gold's consolidated financial statements. Readers should refer to B2Gold's Management Discussion and Analysis, available on the Websites, under the heading "Non-IFRS Measures" for a more detailed discussion of how B2Gold calculates certain of such measures and a reconciliation of certain measures to IFRS terms.

Cautionary Note to United States Investors

The disclosure in this presentation was prepared in accordance with Canadian National Instrument 43-101 ("NI 43-101"), which differs significantly from the requirements of the SEC, and resource and reserve information contained or referenced in this MD&A may not be comparable to similar information disclosed by public companies subject to the technical disclosure requirements of the SEC. Historical results or feasibility models presented herein are not guarantees or expectations of future performance.

GLOBALLY DIVERSIFIED SENIOR GOLD PRODUCER





HEALTH & SAFETY PERFORMANCE

B2GOLD

2024 Consolidated Highlights¹

LTIFR

0.05

Lost time injury frequency rate

TRIFR

0.28

Total recordable injury frequency rate

Severity Rate

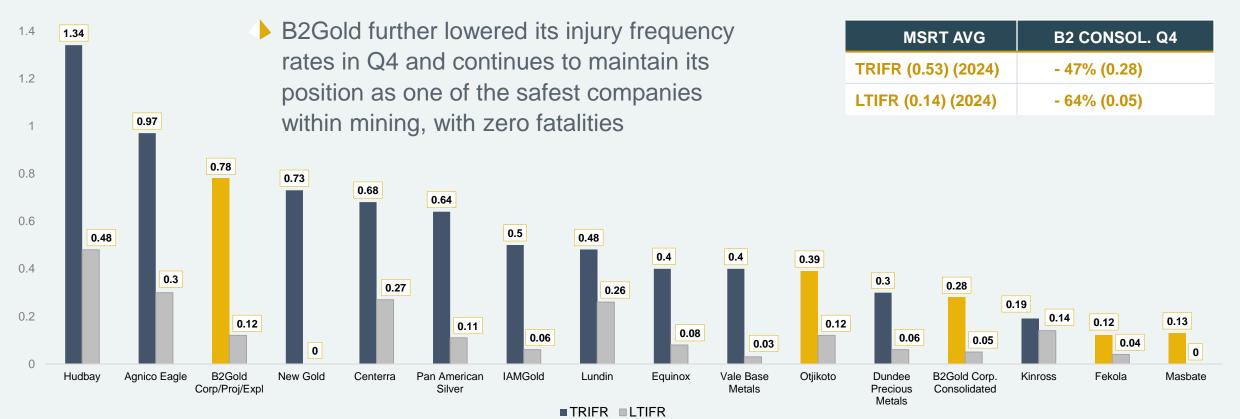
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Lost time + Restricted work injuries

Masbate

Zero LTI

2,237 days (+6 years) +39.3 million hours worked



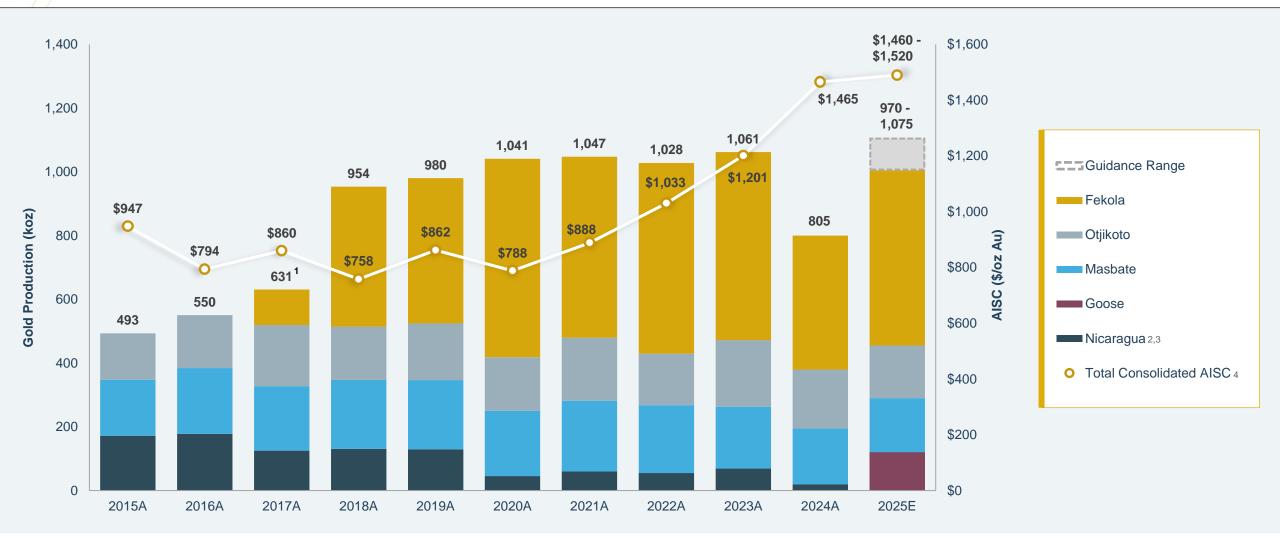
^{1.} As of December 31, 2024

^{2.} Injury frequency and severity rates are based on 200 K work hours

STRONG & PROFITABLE PRODUCTION PROFILE



Robust Production Levels Expected in 2025



^{1.} Includes 79,243 oz during the Fekola Mine's pre-commercial production period.

^{2.} On October 15, 2019, B2Gold restructured its interests in La Libertad Mine and El Limon Mine and, as a result, now applies the equity method of accounting for its ownership in Calibre. Commencing from October 15, 2019, B2Gold reported an approx. 33% attributable share of Calibre production/costs as part of its total production/cost results.

^{3.} On January 12, 2022, B2Gold's ownership interest in Calibre was diluted to approx. 25% following Calibre's acquisition of Fiore Gold Ltd. Throughout 2023, B2Gold's ownership interest in Calibre was 24%. Effective January 24, 2024, B2Gold's ownership interest in Calibre was diluted to approx.15% following Calibre's acquisition of Marathon Gold Corp. As of June 20, 2024, B2Gold no longer records attributable production for Calibre.

^{4.} Non-IFRS Measure. Refer to "Non-IFRS Measures" on slide 2.

CORPORATE STRATEGY





Maintain the highest standards of responsible mining, government relationships, Health, Safety & Environment stewardship and Corporate Social Responsibility ("CSR") programs



Maximize profitable gold production from existing mines while increasing Mineral Reserves and Mineral Resources



Maintain a strong cash position while maximizing cash flow and continue to return capital to shareholders





Focus on organic growth by advancing pipeline of development, brownfield and greenfield exploration projects and investing in junior exploration companies



Continue to evaluate accretive M&A opportunities around the world for potential future acquisitions



CORPORATE STRUCTURE

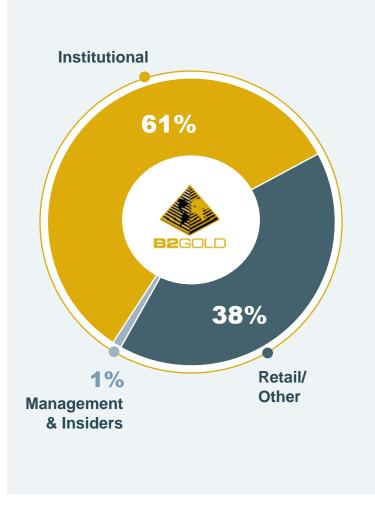


SNAPSHOT (as of February 19, 2025)		
TSX: BTO NYSE AMERICAN: BTO	3	
Share Price	C\$3.78	
Basic Shares Outstanding	1,318M	
Basic Market Capitalization	C\$4.9B	
Cash & Cash Equivalents (Dec 31, 2024)	\$337M	
Convertible Bonds ¹	\$460M	
Undrawn Credit Facility (unaudited)	\$800M	
Quarterly Dividend per share ²	\$0.02	



ANALYST COVERAGE	İ
BMO Capital Markets	C\$7.00
Canaccord Genuity	C\$7.50
CIBC Capital Markets	C\$4.75
Cormark Securities	C\$4.50
Jefferies Securities	C\$4.80
National Bank	C\$5.75
Raymond James	C\$5.10
RBC Capital Markets	C\$5.00
Scotiabank	C\$5.00
Stifel GMP	C\$6.50
TD Securities	C\$4.00
Average Analyst Target Price	C\$5.50





^{1.} The convertible notes due in 2030 have a face value of \$460M with a conversion price of approximately \$3.17 per share. See news releases dated January 22, 23 and 28, 2025 for details.

2. The declaration and payment of any future dividends will be subject to the determination of the Board of Directors, in its sole and absolute discretion. There can be no assurance that any dividends will be paid at the current rate or at all in the future.

^{3.} Source: S&P Capital IQ. As of February 19, 2025.

2024 RESULTS & 2025 GUIDANCE

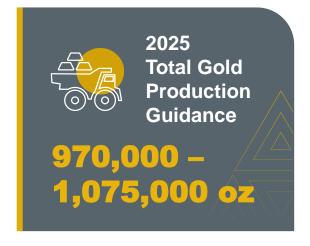


Gold Production, Cash Operating Costs & All-In Sustaining Costs

	Q1 2024	Q2 2024	Q3 2024	Q4 2024
Fekola	119,141 oz	111,583 oz	78,207 oz	84,015 oz
Masbate	49,782 oz	44,515 oz	50,215 oz	49,534 oz
Otjikoto	45,416 oz	48,143 oz	52,131 oz	52,452 oz
Calibre	11,377 oz	8,267 oz	_	_
TOTAL	225,716 oz	212,508 oz	180,553 oz	186,001 oz

2024 Production¹ 804,778 oz

	2024 ACTUAL	REVISED GUIDANCE 2024
Gold Production ¹	805 koz	800 - 870 koz (original guidance of 860 – 940 koz)
Cash Operating Costs (per ounce produced) ^{2,3}	\$889 / oz	\$835 - \$895 /oz
AISC (per ounce sold) ^{2,3}	\$1,465 /oz	\$1,420 - \$1,480 /oz (original guidance of \$1,360 - \$1,420 /oz)



^{1.} Includes 19,644 oz of production from Calibre. As of June 20, 2024, B2Gold no longer records attributable production from Calibre.

^{2.} Non-IFRS Measure. Refer to "Non-IFRS Measures" on slide 2.

³ Includes estimated attributable results for Calibre

2025 PRODUCTION & COST GUIDANCE

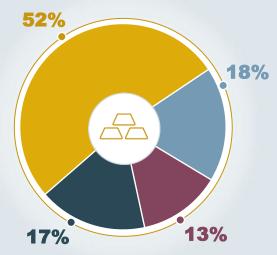


2025 GUIDANCE		
Gold production	970 Koz – 1,075 Koz	
Cash operating costs ^{1,2}	\$835 - \$895 /oz	
AISC ^{1,2}	\$1,460 - \$1,520 /oz	



FEKOLA COMPLEX Mali 52%		
Туре	Open Pit / Underground	
Gold production	515 Koz - 550 Koz	
Cash operating costs ¹	\$845 - \$905 /oz	
AISC ¹	\$1,550 - \$1,610 /oz	

OTJIKOTO MINE Namibia 17%		
Туре	Open Pit / Underground	
Gold production	165 Koz - 185 Koz	
Cash operating costs ¹	\$695 - \$755 /oz	
AISC ¹	\$980 - \$1,040 /oz	



MASBATE GOLD PROJECT The Philippines 18%			
Туре	Open Pit		
Gold production	170 Koz - 190 Koz		
Cash operating costs ¹	\$955 - \$1,015 /oz		
AISC ¹ \$1,310 - \$1,370 /oz			

GOOSE PROJECT ³ Canada 13%		
Туре	Open Pit / Underground	
Gold production	120 Koz – 150 Koz	

^{1.} Non-IFRS Measure. Refer to "Non-IFRS Measures" on slide 2.

^{2.} Cash operating costs and AISC guidance for currently operating mines only.

^{3.} Goose Project operating cash cost and all-in sustaining cost estimates will be released in Q2 2025 after the release of B2Gold's initial Goose life of mine plan and prior to commencement of initial gold production from Goose.

ORGANIC PRODUCTION GROWTH PIPELINE



Potential to add over 750,000 ounces of new annual production within the next 5 years



- **GOOSE PROJECT (2026 2031)**
 - ~310,000 oz / year
 - > Mill construction remains on schedule
 - > First production expected in Q2 2025, ramping up to full production in Q3 2025
- > Average gold production from 2026 - 2031 expected to approximately 310,000 ounces per year



FEKOLA REGIONAL (2026 - 2029, initial production mid-2025)

Average production of

- ~180,000 oz / year
 - > Initial production expected mid-2025
 - > Trucking of selective higher-grade material to the Fekola mill
- > Fekola Regional will enhance the overall Fekola Complex life of mine production profile and extend mine life



- **GRAMALOTE PROJECT** (Potential production late 2020's)³
 - ~234,000 oz / year (First 5 years)
 - ~185,000 oz / year (Life of Project)
 - > Feasibility study underway and targeted for completion mid-2025



- **ANTELOPE DEPOSIT (2028 2032)**⁴
 - ~65,000 oz / year
 - > Potential to become a small-scale, low-cost underground gold mine that can supplement the low-grade stockpile production at Otjikoto from 2028 - 2032



- 1. Average over the first five years of production. See news release dated June 18, 2024
- 2. Subject to receipt of necessary permits
- 3. Subject to receipt of necessary permits. PEA is preliminary in nature and includes Indicated and Inferred Mineral Resources. Mineral Resources that are not Mineral Reserves do not have demonstrated economic viability.
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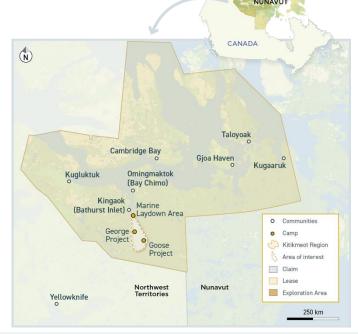
BACK RIVER GOLD DISTRICT OVERVIEW





GOOSE PROJECT Nunavut, Canada

Туре	Open Pit / Underground
B2Gold Ownership	100%
Processing Throughput (design) ¹	1.5 Mtpa (4,000 tpd)
Mineral Reserve Grade	5.97 g/t Au ¹
Gold Recovery (estimate) ¹	~93.0%
Gold Production (estimate)	~310,000 oz per year 2026 to 2031







120 - 150 Koz

2025 Gold Production Guidance



2009 Sabina Acquired 100% Interest



2012
Began Permitting
Process



2018
Completion of Permitting



Q2 2025

Estimated First Gold Production

2021Feasibility Study
Competed



2023B2Gold Acquired
Sabina

BACK RIVER GOLD DISTRICT HIGHLIGHTS





Large, High-Grade Resource¹

- With an estimated average head grade of ~6.0 g/t gold, the Goose Project ranks among the highest-grade undeveloped gold projects globally
- The Goose Project has an open pit reserve grade of 5.3 g/t Au, one of the highest grade undeveloped open pits in the world
- Significant track record of delineating additional resources; more than doubled resources to
 9.2 Moz Au since 2010



Measurable Exploration Upside

- Back River is a multigenerational district with
 8 claim blocks along an 80 km belt
- All deposits at Goose are open along the 8 km of iron formation, providing considerable potential for mine life extension
- Positive exploration drilling results received from B2Gold's inaugural drilling campaign in 2023 and its 2024 drilling campaign



Tier-1 Jurisdiction

- Canada ranks consistently as one of the world's most attractive countries for mining investment
- Nunavut is host to multiple established operations including the Meadowbank, Meliadine and Hope Bay mines



First Gold Pour Expected Q2 2025

- > Project is substantially de-risked with significant infrastructure currently in place
- > 2024 sealift was successfully completed September 2024 with all shipments unloaded at the Marine Laydown Area
- > 2025 Winter Ice Road construction completed allowing for transport of all materials from the MLA to the Goose Project site by May 15, 2025



Strong Community Support

- Kitikmeot Inuit Association is a landowner and aligned shareholder; 20-year land use agreements in place
- Widespread community support with over 400 stakeholder engagements to date and ~15% Inuit workforce in 2023



Scarcity

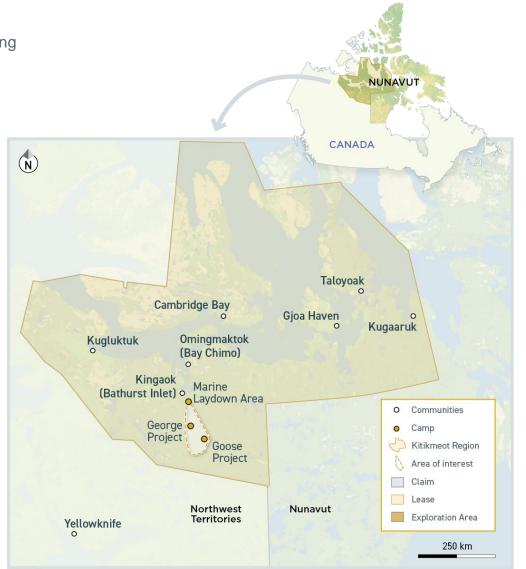
One of the few construction-stage gold projects globally with significant scale and robust economics

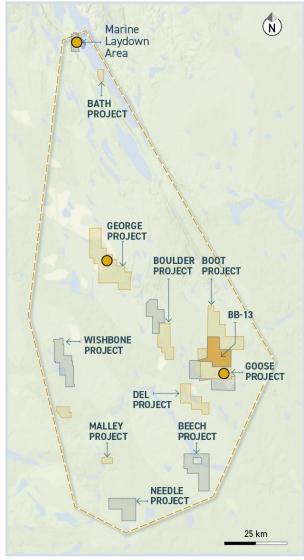


BACK RIVER GOLD DISTRICT MAP



- ◆ GOOSE (152 km² license)
 - > Hosts 6 gold deposits fully permitted for mining
 - > Additional targets being tested
- ◆ GEORGE (166 km² license)
 - > ~50 km northwest of Goose, consists of over 20 km of iron formation
- **BOOT** (100 km² license)
 - Hosts multiple mineralized structures intersecting iron formation
- **DEL** (58 km² license)
 - Hosts mineralized quartz vein structures in sediments
- **BOULDER** (113 km² license)
 - South extension of George mineralized iron formation
- NEEDLE (65 km² license)
 - High-grade rock samples from banded iron formation
- ◆ BEECH (85 km² license)
 - New claim hosting gold-bearing quartz veins within prospective metavolcanics

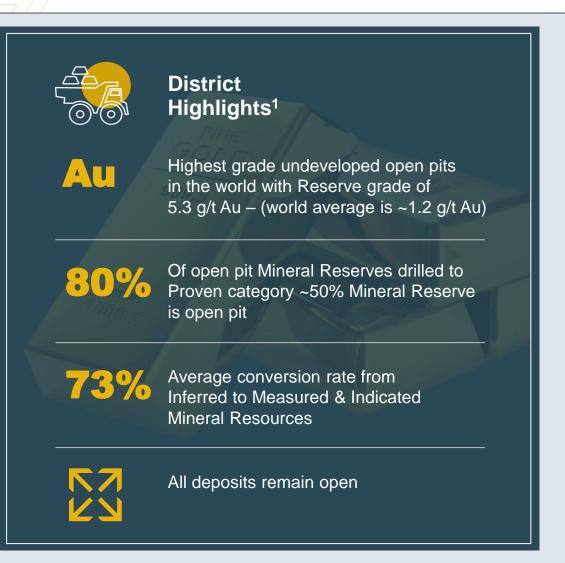




BACK RIVER GOLD DISTRICT RESOURCES



Strong Resource Base with Exploration Upside



Mineral Reserve Estimate¹				
AREA	CATEGORY	TONNES (kt)	GRADE (g/t Au)	CONTAINED (Koz Au)
On an Dit	Proven	7,471	5.42	1,302
Open Pit	Probable	2,412	4.80	372
Lladoraround	Proven	537	7.21	124
Underground	Probable	8,272	6.73	1,790
COMPINED	Proven	8,008	5.54	1,426
COMBINED	Probable	10,684	6.29	2,162

Mineral Resource Estimate ²				
CATEGORY	TONNES (kt)	GRADE (g/t Au)	CONTAINED (Koz Au)	
Measured	9,707	5.75	1,796	
Indicated	23,745	5.93	4,525	
Measured & Indicated	33,452	5.88	6,321	
Inferred	13,794	6.44	2,856	

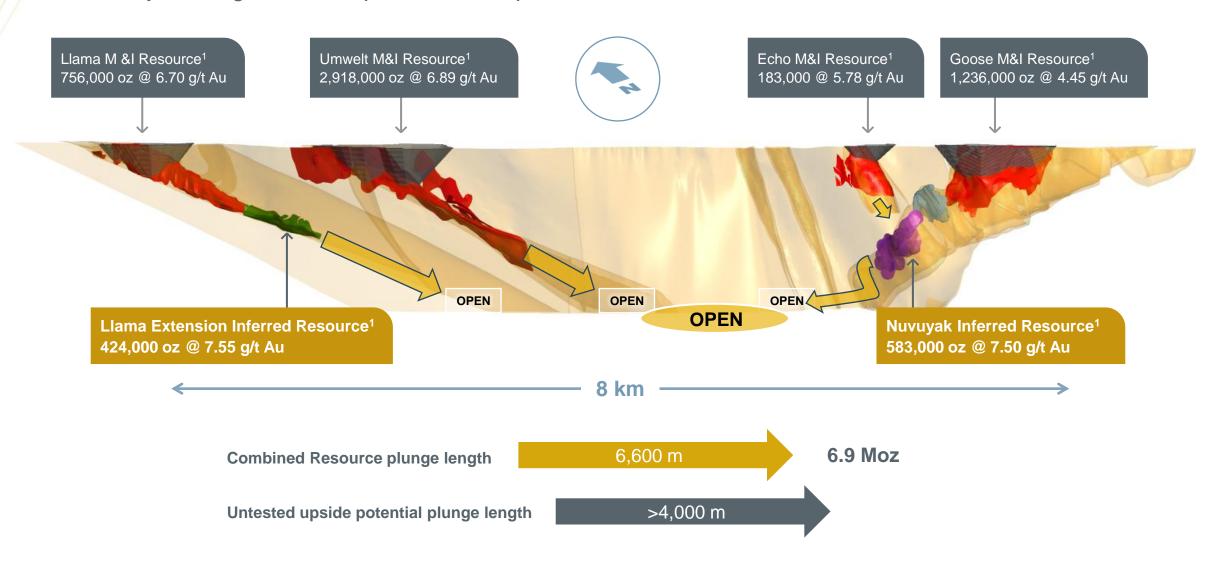
^{1. 2021} Updated Feasibility Study for the Goose Project dated March 3, 2021.

^{2.} Mineral resources presented inclusive of Mineral Reserves.

GOOSE PROJECT EXPLORATION



Goose Project Long Section: Open-Ended Exploration Potential



BACK RIVER GOLD DISTRICT EXPLORATION



Exploration and Infill Drill Result Highlights from B2Gold's 2024 Drilling Campaign

NEAR MINE EXPLORATION TARGETS

- > 7,361 m of drilling over 14 drill holes completed
- Nuvuyak Deposit: 24GSE-683Z1 6.39 g/t Au over 28.80 m, including a higher-grade interval of 23.49 g/t Au over 6.45 m; extends high-grade gold mineralization ~ 150 m north-northwest
- Mammoth Target: 24GSE-687Z1 17.45 g/t Au over 10.96 m, including a higher-grade interval of 68.61 g/t Au over 2.51 m; demonstrates strong potential for future underground mining

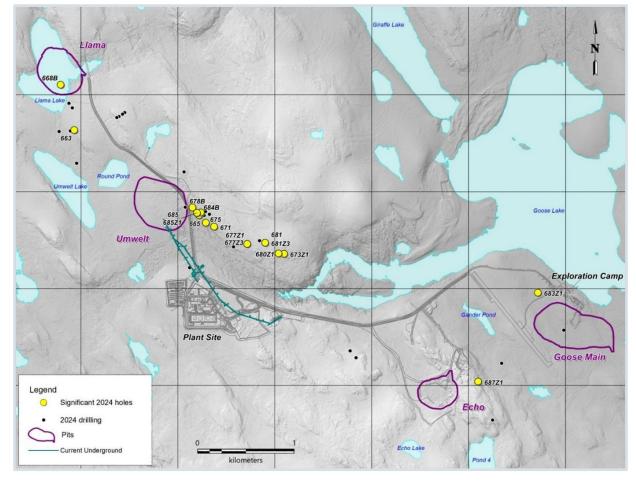
UMWELT DEPOSIT

- > 14,480 m of drilling over 39 drill holes completed
- Several holes confirm continuity of high-grade gold mineralization

LLAMA DEPOSIT AREA

- > 4,231 m of drilling over 15 drill holes completed
- Intersected high-grade gold mineralization 530 m down plunge from estimated open pit boundary





GOOSE PROJECT CONSTRUCTION TIMELINE



On Track for First Gold Pour in Q2 2025

2024

& EARLIER

2025

Q2 2025





FULL CONSTRUCTION & INFRASTRUCTURE

- Full construction began in 2023
- Concrete / steel works began in Summer 2023, with a focus on building envelopes, frames and concrete
- Completed Phase 1 & 2 accommodation facilities
- Expanded diesel fuel storage tank farms at the MLA and Goose
 Project site to increase fuel storage capacity to 80 million liters

FULLY FUNCTIONAL PORT

- 2024 sealift completed with a total of eleven ships received from global ports bringing a total shipping volume of 123,000 cubic meters of dry cargo
- More than 80,000,000 liters of arctic grade diesel fuel offloaded

WINTER ICE ROAD

- 163 km road was completed and operational between February – April 2024; fully dedicated to Back River Gold District Development
- Over 2,100 loads completed in 2024

IN PROGRESS

♦ FULL CONSTRUCTION & INFRASTRUCTURE



- Continue open pit mining of the Umwelt pit to produce much of the commissioning ore and future tailings storage
- Balance of installation, implementation, and commissioning to be completed

WINTER ICE ROAD

- Construction of the 2025 ice road completed
- Transport of all materials from MLA to Goose project site expected to be completed by May 15
- Purchased additional trucks for the 2025 WIR campaign; total of 105 trucks now available

SCHEDULED DELIVERIES

- Mar May 2025: Third Winter Ice Road deliveries
- Aug Sept 2024: Fourth Sealift



GOOSE CONSTRUCTION PROGRESS



→ WINTER ICE ROAD

- 2025 winter ice road operational; transport of all materials expected to be completed by May 15
- Purchased additional trucks; now have 105 trucks available for the 2025 WIR campaign
- Exceeded 2,100 loads in the 2024 winter ice road campaign; doubling the loads from 2023

MARINE LAYDOWN AREA

- Sealift offloading performance increased for 2024 sealift due to newly constructed barge ramp
- > 2024 sealift successfully completed in September 2024 with total shipping volume of 123,000 m³ of dry cargo and more than 84,000,000 liters of arctic grade diesel fuel

♦ ACCOMMODATION COMPLEX

- Phase 1 accommodation opened July 2023 including sleeping quarters and kitchen
- Phase 2 accommodation completed May 2024, expanded camp to more than 600 beds

CONCRETE & STEEL WORK

- > Ball mill installation completed
- > More than 90% of the concrete placed

FUEL STORAGE TANKS

Completed construction of three additional tanks at each of the MLA and Goose Project site to expand tank capacity to over 80 million liters



GOOSE PROJECT UPDATES





Mill Construction at the Goose Project Site is **Progressing on Schedule**



GOOSE PROJECT UPDATES





2025 Winter Ice Road Operational and 2024 Sealift Successfully Completed



2025 WIR operational as of February 18, with the transportation of all materials from the MLA to Goose Project site expected by May 15



A total of eleven ships unloaded materials during the 2024 sealift

GOOSE PROJECT – REVISED CAPITAL ESTIMATE





~C\$1,385 MILLION TOTAL CASH spent on construction & mine development through 2024

REVISED CAPITAL ESTIMATE - SEPTEMBER 2024

C\$1,540 million, Up 23% from prior est. Primarily due to one quarter delay in first gold production due to mine development & acceleration of certain capital items previously anticipated to occur after first gold

CONSTRUCTION CAPITAL

C\$1,190 million

MINE DEVELOPMENT / SUSTAINING CAPITAL

C\$350 million

FEKOLA OVERVIEW



FEKOLA COMPLEX Mali

Туре	Open Pit
B2Gold Ownership	80% / 65% ¹
Processing Throughput	9.0 Mtpa
Mineral Reserve Grade	1.70 g/t Au ²
Gold Recovery	~92.0%





515 - 550 Koz

2025 gold production guidance

\$1,550 - \$1,610

2025 AISC³ guidance



2014 Acquired



Construction



2017

Open Pit Production



2019

Mill Expansion



2023

3.0M Ounce Was Produced

^{1. 80%} ownership of Fekola Mine (Medinandi permit hosting the Fekola and Cardinal pits and Fekola underground) and 65% ownership of Fekola Regional (Anaconda Area (Bantako, Menankoto and Bakolobi permits) and the Dandoko permit).

^{2.} See B2Gold Mineral Reserves and Resources statement dated December 31, 2023. Mineral Reserve Grade is of the Fekola Complex.

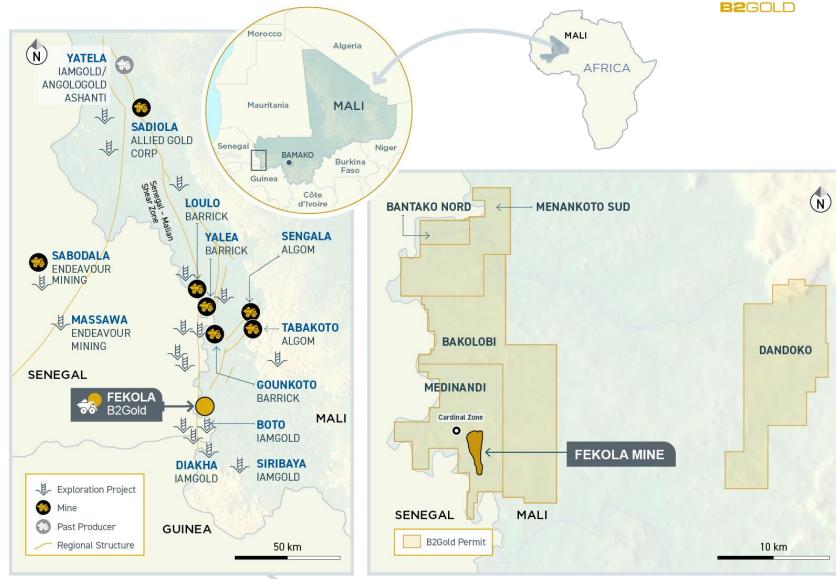
^{3.} Non-IFRS Measure. Refer to "Non-IRFS Measures" on slide 2.

FEKOLA COMPLEX MAP



- MEDINANDI (75 km² exploitation license)
 - Hosts Fekola deposit (including Fekola Underground) and Cardinal zone
- ◆ MENANKOTO (52 km² exploration permit)
 - > Approx. 20 km north of Fekola
 - Hosts southern portion of Mamba, northern portion of Cobra
- BANTAKO NORTH

 (10 km² exploration permit)
 - Hosts the northern strike extension of the Mamba
- **◆ BAKOLOBI** (100 km² exploration permit)
 - Covers possible extensions of Fekola structure northward and the Cobra structures southward
- ◆ DANDOKO (100 km² exploration permit)
 - M&I Mineral Resource¹ of 8.0 Mt at 1.55 g/t for 400 Koz of gold
 - Inferred Mineral Resource¹ of 1.3 Mt at 0.79 g/t for 34 Koz of gold



FEKOLA COMPLEX GROWTH



Fekola Regional and Fekola Underground to Significantly Increase Gold Production in 2025

- Mining and trucking operations anticipated to commence at Fekola Regional in mid-2025
- ▶ Initial gold production from Fekola underground also expected in mid-2025

Existing Sources

Fekola Pit



Cardinal Pit





Developing Sources

Fekola Regional
 Sulphide & Oxide Ore¹



Fekola Underground²



^{1.} Subject to receipt of an exploitation license.

^{2.} Subject to approval of the exploitation phase expected to be received in the second quarter of 2025.

MALI AGREEMENT ON FEKOLA COMPLEX¹





STATE OF MALI TO ISSUE EXPLOITATION PERMITS FOR FEKOLA REGIONAL AND FEKOLA UNDERGROUND

Fekola Regional expected to contribute **20,000 to 25,000 ounces** in 2025 with average contribution of approximately 180,000 ounces of additional gold production from 2026 through 2029



FEKOLA MINE GOVERNED BY 2012 MINING CODE; FEKOLA REGIONAL GOVERNED BY 2023 MINING CODE

Fekola Mine governed by **2012 Mining Code** through 2040



SETTLEMENT OF ALL INCOME TAX, CUSTOMS ASSESSMENTS

Settles all outstanding assessments and allows Fekola Complex a clean slate moving forward



EXPLORATION ACROSS FEKOLA COMPLEX HAS RE-COMMENCED

\$9 million budget for 2025 with ongoing focus on discovery of additional high-grade sulphide mineralization across the Fekola Complex, which could increase mine life



1. See news release dated September 11, 2024.

FEKOLA COMPLEX MINERAL RESOURCES



Mineral Resources¹			
AREA	TONNES (x 1,000)	GRADE (g/t Au)	GOLD OZ (x 1,000)
Resource (Indicated)			
Fekola Open Pit	85,830	1.31	3,600
Cardinal Zone	9,000	1.43	410
Total Fekola Mine	94,820	1.32	4,020
Anaconda Area	52,610	1.17	1,970
Dandoko Area	7,950	1.55	400
Total Fekola Regional	60,560	1.22	2,370
Resource (Inferred)			
Fekola Open Pit	6,000	0.97	190
Cardinal Zone	11,700	1.43	540
Total Fekola Mine	17,700	1.27	720
Anaconda Area	44,930	1.36	1,970
Dandoko Area	1,330	0.79	34
Total Fekola Regional	46,260	1.35	2,000



OTJIKOTO OVERVIEW



OTJIKOTO MINE Namibia

Туре	Open Pit / Underground
B2Gold Ownership	90%
Processing Throughput	3.4 Mtpa
Mineral Reserve Grade	2.07 g/t Au ¹
Gold Recovery	~98.0%





165 - 185 Koz

2025 gold production guidance

\$980 - \$1,040 2025 AISC²

2025 AISC² guidance



2014 Acquired



Construction



Open Pit Production



Underground Production



Record Annual Production

^{1.} See B2Gold Mineral Reserves and Resources statement dated December 31, 2023.

^{2.} Non-IFRS Measure. Refer to "Non-IRFS Measures" on slide 2.

OTJIKOTO GROWTH – ANTELOPE DEPOSIT

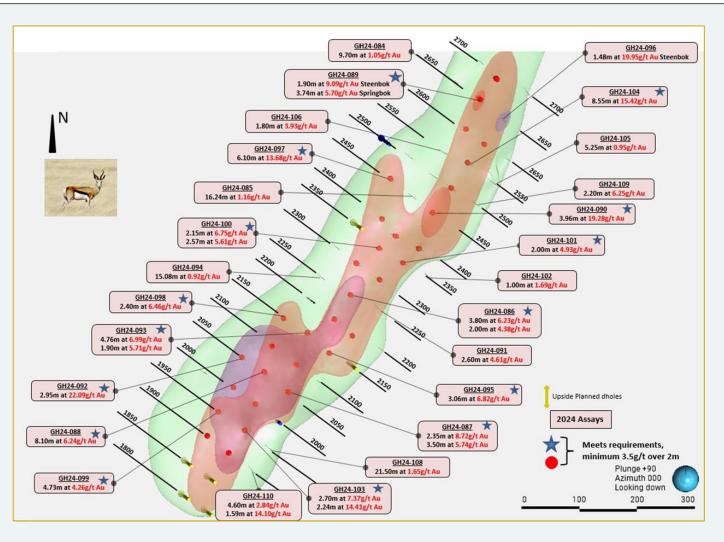


Initial Inferred Mineral Resource Estimate for the Springbok Zone meets threshold for PEA

- High-grade, Otjikoto-style mineralization discovered
 ~4 km southwest of the existing open pit at
 Otjikoto
- Over 36,000 m drilled at the Springbok Zone to inform the initial Inferred Mineral Resource Estimate¹

ZONE	TONNES (t)	GRADE (g/t Au)	CONTAINED (oz Au)
Springbok	1,630,000	7.09	370,000
Other	130,000	4.60	20,000
TOTAL	1,750,000	6.91	390,000

- Antelope deposit has the potential to be developed as an underground mining operation, which could begin to contribute to gold production at Otjikoto as early as 2028
- **♦ \$7M exploration budget** for Otjikoto in 2025



ANTELOPE DEPOSIT- PEA OVERVIEW





Enhanced Production Profile

65,000 ounces average annual gold production over a 5 year mine life



Strong Project Economics

After-tax NPV $_{5\%}$ of \$131M and after-tax IRR of 35%; after-tax cash flow of \$185M



Leverages Experience

Leverages experienced gained by developing and operating the existing Wolfshag underground mine; surface infrastructure in place and operational



Exploration Upside

Exploration upside remains to expand the size of the Antelope deposit

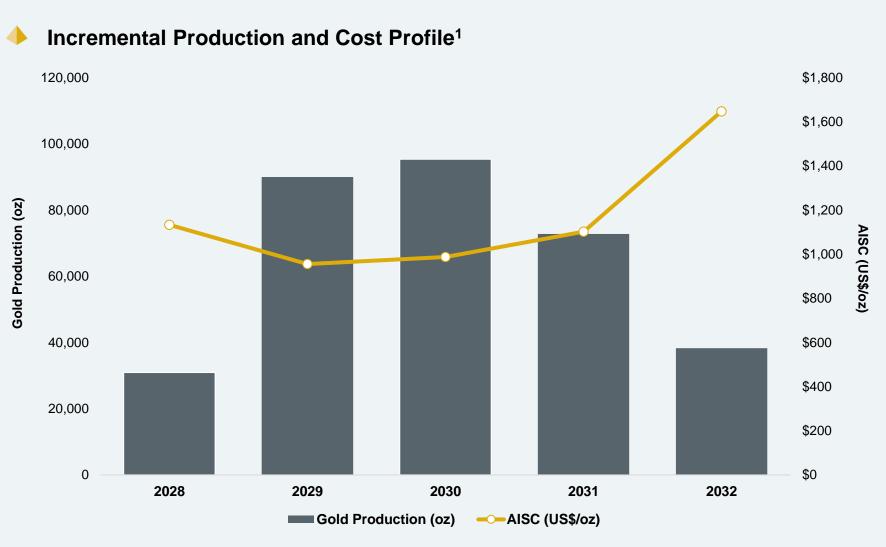
PRODUCTION PROFILE	2025 PEA ¹
Life of Mine (years)	5
Ore Tonnes Processed (Mt)	1.9
Average Gold Grade Processed (g/t)	5.75
Process Gold Recovery (%)	95.0
Total Ounces Produced (oz)	327,392
Average Yearly Ounces Produced (oz)	65,478

PROJECT ECONOMICS	2025 PEA ¹
Gold Price (\$/oz)	\$2,400
NPV _{5%} (\$M)	\$131
IRR (%)	35%
All-In Sustaining Costs (\$/oz)	\$1,095
Pre-Production Capital (\$M)	\$129
Payback (years)	1.3
Free cash flow (\$M)	\$185

ANTELOPE DEPOSIT – PEA PRODUCTION PROFILE







MASBATE OVERVIEW



MASBATE GOLD PROJECT The Philippines

Type	Open Pit
B2Gold Ownership	100% ¹
Processing Throughput	8.0 Mtpa
Mineral Reserve Grade	0.76 g/t Au ²
Gold Recovery	~74.0%





170 - 190 Koz

2025 gold production guidance

\$1,310 - \$1,370

2025 AISC³ guidance



2008 Construction



Open Pit Production



2013
Acquired
by B2Gold



2016
Process Plant
Upgrade



2024 6 Years LTI free

^{1.} Ownership reported on a 100% project basis. Pursuant to the ore sales and purchase agreement between Filminera and PGPRC, our wholly-owned subsidiary, PGPRC has the right to purchase all ore from the Masbate Gold Project. We have a 40% interest in Filminera, which owns the majority of the Masbate Gold Project tenements, and the remaining 60% is owned by Zoom Mineral Holdings Inc., a Philippine shareholder company.

See B2Gold Mineral Reserves and Resources statement dated December 31, 2023.
 Non-IFRS Measure. Refer to "Non-IRFS Measures" on slide 2.

GRAMALOTE PROJECT – PEA OVERVIEW





Significant Production Profile

185,000 ounces average annual gold production over a 12.5 year project life



Low-Cost Structure

Cash operating costs of \$622/oz and AISC of \$886/oz; would be B2Gold's lowest AISC project



Strong Project Economics

After-tax NPV $_{5\%}$ of \$778M and after-tax IRR of 20.6%



Next Step: Feasibility Study

Goal of completion by mid-2025

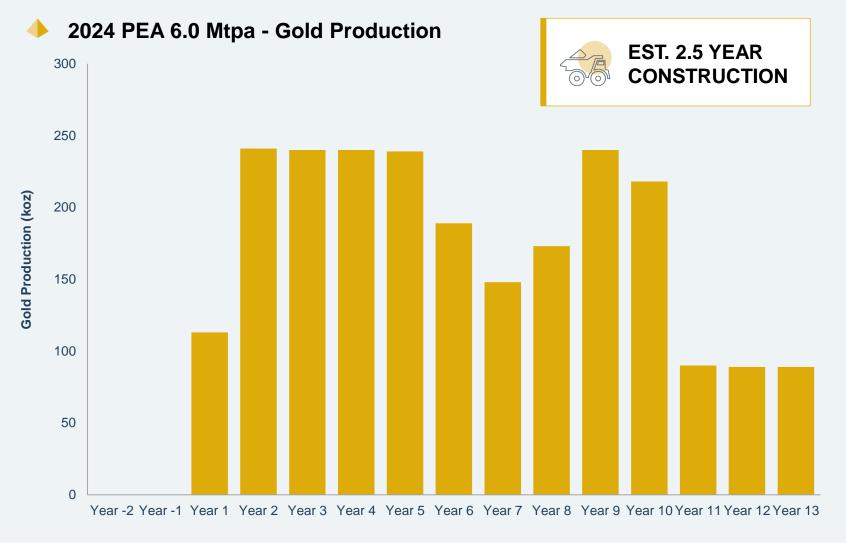
PRODUCTION PROFILE	2024 PEA 6.0 Mtpa ¹
Life of Project (years)	12.5
Total Processed Tonnes (t)	75,000,000
Processing Rate (tpa)	6,000,000
Processed Feed Grade (g/t)	1.00 (1.26 over first 5 years)
Process Gold Recovery (%)	95.9
Total Ounces Produced (oz)	2,309,000
Average Yearly Ounces Produced over First Five Years (oz)	234,000
Average Yearly Ounces Produced (oz)	185,000

PROJECT ECONOMICS	2024 PEA 6.0 Mtpa ¹
Gold Price (\$/oz)	\$2,200 (first 3 yrs), then \$2,000
NPV _{5%} (\$M)	\$778
IRR (%)	20.6%
Cash Operating Costs (\$/oz)	\$622
AISC (\$/oz)	\$886
Pre-Production Capital (\$M)	\$807
Sustaining Capital (\$M)	\$364
Payback (years)	3.1

GRAMALOTE PROJECT – PEA PRODUCTION PROFILE







2025 EXPLORATION BUDGET



BACK RIVER | NUNAVUT, CANADA

Budget \$32M Program 25,000 meters

- Drilling will target extensions of the Llama and Umwelt deposits at Goose
- Significantly increased budget for regional targets of George, Boulder, Boot, Del, Beech and Needle will include 13,000 m of diamond drilling

◆ FEKOLA COMPLEX¹ | MALI

Budget \$9M Program 16,000 meters

· Ongoing focus on discovery of additional high-grade, sulphide mineralization across the Fekola Complex

OTJIKOTO | NAMIBIA

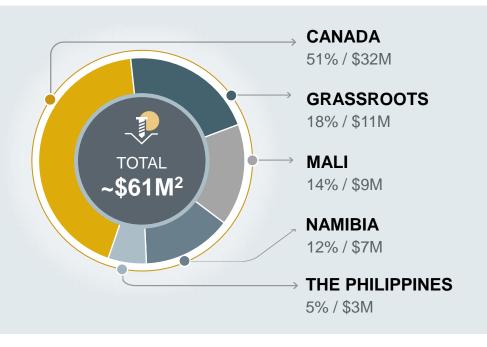
Budget \$7M Program 44,000 meters

 Focus on expanding and refining the recently discovered Antelope deposit

MASBATE | THE PHILIPPINES

Budget \$3M Program 4,200 meters

 Focus on the exploration of new regional targets located south of main mine infrastructure





GRASSROOTS

Budget \$7M Program 12,400 meters

· Grassroots projects in the Philippines (4,200 m), Cote d'Ivoire (1,000 m), Finland and Kazakhstan (7,200 m)

OTHER

Budget \$4M

· Generation and evaluation of new greenfields targets

2. Totals may not add due to rounding.

^{1.} Includes Fekola Mine and Fekola Regional, comprised of the Anaconda Area (Bantako, Menankoto, and Bakolobi permits), and the Dandoko permit.

STRATEGIC INVESTMENTS

Begold

Portfolio Value of over ~\$170M



SNOWLINE GOLD¹

Exploration | Yukon ~9.9% Ownership

- Acquired original position in March 2023
- ▶ Highly Prospective Land Package: District scale potential land package (>333,000 ha) that occupies the intersection of two mineral belts in the Selwyn Basin, Yukon
- ◆ 2024 Exploration Five drill, 25,000+ m drill program launched, with 15,000 m dedicated to expanding and defining the flagship Valley target (largest campaign to date)

FOUNDERS METALS²

Exploration | Suriname ~5% Ownership

- Acquired original position in October 2024
- Highly Prospective Land Package: 20,000 hectare land package fully permitted for exploration drilling and exploitation
- ◆ 2024 Exploration Up to 45,000 m drill program including ground geophysical surveys, trenching and auger sampling and geological mapping

AuMEGA METALS³

Exploration | Newfoundland ~9.9% Ownership

- Acquired original position in October 2022
- → Highly Prospective Land Package: 147 km of prospective structure, one of the largest landholdings in the ongoing rush of exploration activity in Newfoundland

PROSPECTOR METALS⁴

Exploration | Yukon ~9.9% Ownership

- Acquired position in July 2024
- → Highly Prospective Land Package: 4,757 ha within the prolific Tintina Gold Belt; hosts one of the few remaining Tombstonestyle intrusions in the Yukon

VERSAMET ROYALTIES⁵

Diversified Metals Royalties ~33% Ownership

- Acquired position in June 2024
- Majority Shareholder:
 B2Gold retains meaningful
 upside exposure and
 leverage to the royalty
 portfolio as Versamet
 continues executing on its
 growth strategy

^{1.} For more information on Snowline Gold Corp., please refer to the following website: <u>www.snowlinegold.com</u>

For more information on Founders Metals Inc., please refer to the following website: www.fdrmetals.com
 For more information on AuMEGA Metals Ltd., please refer to the following website: www.aumegametals.com

^{4.} For more information on Prospector Metals Corp., please refer to the following website: www.prospectormetalscorp.com
5. For more information on Versamet Royalties Corp., please refer to the following website: www.versamet.com

ORGANIC GROWTH CATALYSTS BEING ADVANCED



2024

Q1 2025

Q2 2025

mid 2025

Q3 2025

0

- **Gramalote Project**Preliminary Economic
 Assessment
- Antelope Deposit
 Initial Inferred Mineral
 Resource Estimate
- Antelope Deposit
 Preliminary Economic
 Assessment
- ♣ Goose Project Initial Life of Mine Plan
- ♣ Goose Project First Gold Pour

- Gramalote Project
 Feasibility Study
- Initial Production at Fekola Regional
- Initial Production atFekola Underground

Goose Project
Commercial
Production









EXECUTIVE TEAM EXPERIENCE



Majority of executive team working together over 25 years with Bema Gold / B2Gold



Clive T. Johnson
President & CEO



Mike Cinnamond SVP, Finance & CFO



William Lytle SVP & COO



Randall Chatwin SVP, Legal & Corporate Communications



Victor King SVP, Exploration



Dennis StansburySVP, Engineering &
Project Evaluations



Eduard
Bartz
VP, Taxation
& External
Reporting



Andrew Brown VP, Exploration



Ninette Kröhnert VP, Human Resources



Michael McDonald VP, Investor Relations & Corporate Development



Peter D. Montano VP, Projects



Dan Moore VP, Operations



John Rajala VP, Metallurgy



Neil ReederVP, Government
Relations



Dana Rogers VP, Finance

BOARD OF DIRECTORS





Kelvin Dushnisky Chairman



Clive T. JohnsonPresident & CEO



Greg BarnesDirector



Kevin BullockDirector



Liane KellyDirector



Jerry KorpanDirector



Thabile Makgala
Director



Basie MareeDirector



Lisa PankratzDirector



Robin WeismanDirector

ENVIRONMENTAL, SOCIAL AND GOVERNANCE



Raising the Bar – Our Approach

INDUSTRY BEST PRACTICES

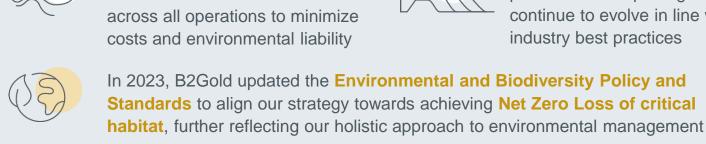


Implementation of **PROGRESSIVE REHABILITATION** measures across all operations to minimize costs and environmental liability



TAILINGS MANAGEMENT

practices and reporting continue to evolve in line with industry best practices





DEVELOPMENT



CLIMATE RISK MANAGEMENT

- > 3rd annual Climate Strategy Report published in Q2 2024
- > Target to reduce Scope 1 and 2 GHG emissions by 30% by 2030 against a 2021 baseline
- > Site specific climate action plans implemented at each project to better approach and mitigate specific, local risks



WATER RISK MANAGEMENT

- > Water Risk Assessment conducted in Q1 2022
- > Developed a Global Water Management Strategy in 2022
- > All sites established Operational Water Management Plans in 2023



RENEWABLE ENERGY

- > Fekola solar plant one of the largest off-grid hybrid HFO/solar plants on the African continent; reduced GHG emissions by over 40,000 tonnes in 2022
- > Phase 2 expansion completed in Q4 2024, reached full operational capabilities in January 2025; projected to supply approx. 30% of the site's total electricity demand while reducing annual CO₂ emissions by an estimated 23,800 tonnes
- > Otjikoto solar plant one of the **first** fully autonomous hybrid (HFO/solar) plants in the world

OUR PEOPLE





2024 WORKFORCE

as of December 31, 2024

6,478 employees globally (2023: 6,150)

96.8%

national employment (Q3 2024: 96.6%)^{1,3}

56.6%

senior management roles filled by national employees (Q3 2024: 56.6%) ^{2,3}



EQUITY, DIVERSITY AND INCLUSION

as of December 31, 2024

13.3%

of workforce identify as female (Q3 2024: 13.7%)³

25%

of senior positions are occupied by women

 $(2023: 25\%)^3$



^{1. &}quot;National" is defined as individuals either born in the same country of operation, or those who have the legal right to reside indefinitely in that country. As per the Namibian Affirmative Action (Employment) Act, "National" is defined as "Namibian", which excludes expatriates, permanent residents and those who have domicile.

^{2. &}quot;Senior management" refers to regional executives, regional heads of department and site management.

^{3.} Construction employees are not included in these statistics (Mali Projects & Nunavut)

LOCAL COMMUNITIES



MALI

- Investment into better access to health care, education and water supply for local villages; Ongoing livelihood initiatives such as smallholder farms and poultry and fish farming projects
- Strengthening communities through the Goungouboto Agricultural Project, a socio-economic development initiative which aims to reintegrate communities into sustainable agricultural practices
- Partnership with Global Affairs Canada, is supporting the FEMA Project which aims to improve conditions for women and children living in ASM communities





NAMIBIA

- Ongoing support of early childhood development programs, primary and secondary schools, vocational training and small-scale enterprise development
- Investment in the Erhardtshof Agriculture Project which addresses national food insecurity by bolstering the local production of maize and wheat, key staples in Namibian cuisine, and reduces reliance on imports
- Ongoing support of the KAYEC Youth Development Program, assisting students in the Otjiwarongo area in completing their education, fostering a brighter future for the region's youth

LOCAL COMMUNITIES



PHILIPPINES

- Improving access to clean water in neighbouring communities
- ▶ Community investment initiatives focused on education, access to health services & facilities, enterprise development, livelihood development and vocational training
- Building local capacity through the Digital Jobs Project developing skills in virtual assistance, web development, search engine optimization, graphic design, e-commerce, online bookkeeping
- ▶ In partnership with Prime Institute for Career Advancement, established an agreement with a **local scaffolding training center**; targeting annual graduation of 160 scaffolders





VANCOUVER

- Investment in our local Vancouver community organizations through the
 \$1M More Than Mining Fund
- Supporting organizations focused on providing access to food (The Greater Vancouver Food Bank), housing, healthcare and harm reduction (PHS Community Services Society & Bloom Group Community Services Society) and providing food, shelter, medical care and support services to at-risk street youth (Covenant House)
- Supporting the Young Mining Professionals Scholarship Fund for the third consecutive year with the B2Gold Women in Exploration Scholarship

BIODIVERSITY CONSERVATION

Begold

Achieving No Net Loss of Critical Habitat



- ♠ Extensive study of West
 African chimpanzee
 ecology and promoting
 national biodiversity
 conservation in Western Mali
- Critical Habitat Assessment and Priority Biodiversity Feature Screening done



MASBATE GOLD PROJECT

- ◆ Over 3,800 reef balls with 66,500 coral fragments planted to help restore marine biodiversity
- ◆ 1.94 million mangrove propagules planted from 2013-2023, benefitting over 400 coastal families



OTJIKOTO MINE

- ◆ 15,000-hectare Otjikoto Nature Reserve is home to a variety of indigenous species such as oryx, cheetah, giraffe, and zebra
- ◆ Donation of 1,000 ounces of gold to produce 1,000 limited edition Rhino Gold Bars



- ♣ B2Gold Nunavut has implemented some of the strictest caribou protection measures in Canada's North
- Advancement of fisheries restoration program at Bernard Harbour



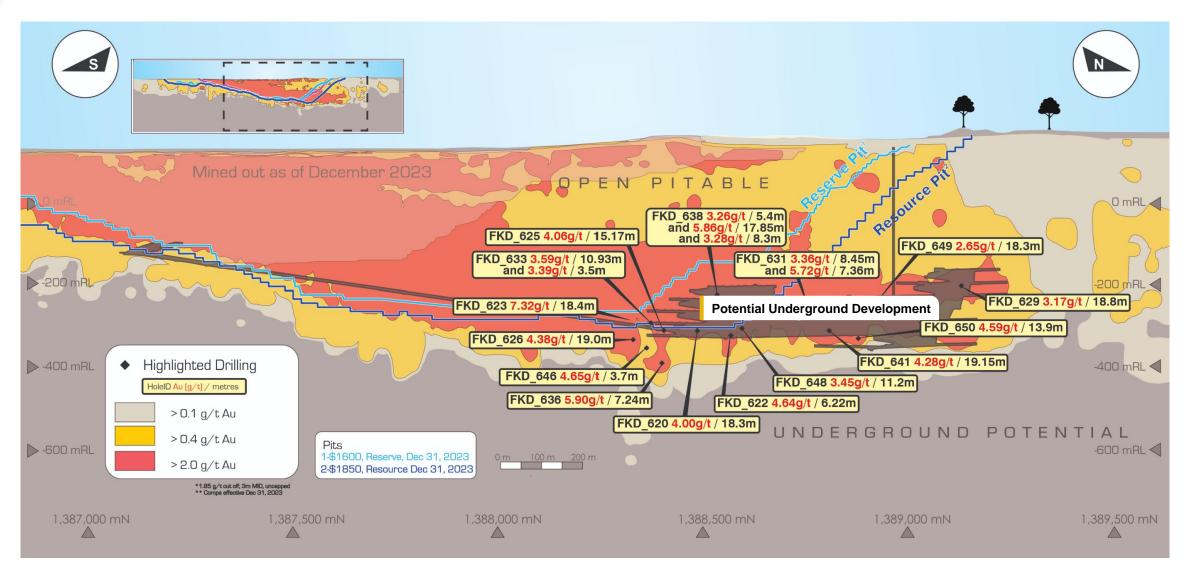




FEKOLA PIT



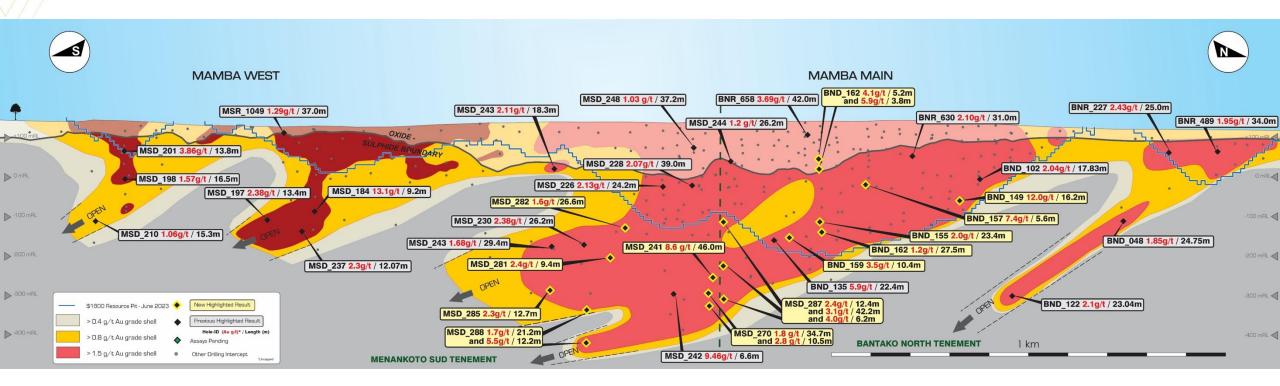
Fekola Pit Long Section: West-Facing



FEKOLA REGIONAL – Mamba Zone¹



Mamba Long Section: West-Facing



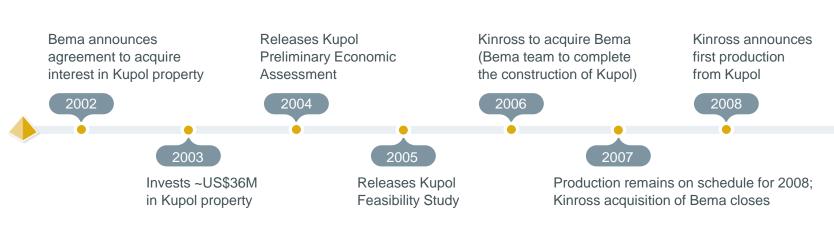
- MSD_241 8.6 g/t Au over 46.0m; BND_119 9.48 g/t Au over 14.6m; and MSD_212 8.09 g/t Au over 12.8m: excellent examples of high-grade sulphide shoot, with well-defined southerly plunge
- Grade / width combinations and a well-defined geometry reinforce the consideration of an underground phase of development at Mamba

EXPERIENCED OPERATORS IN THE ARCTIC



B2Gold technical team advanced Kupol from exploration to construction while at Bema Gold







	Location	Average Temperature	Low Temperature	Accessibility	Days of Snow Cover	Average Depth of Snow Cover
	Northeastern Russia	-13°C	-58°C	Helicopter or Plane ¹	237 Days Per Year	38-45cm

Source: Corporate disclosure; Kupol 2011 NI 43-101 Technical Report.

^{1.} During spring thaw, summer and fall; accessible via winter road during winter season.

POTENTIAL TO HARNESS RENEWABLE ENERGY



Opportunity to utilize wind energy to reduce diesel dependence and lower carbon emissions







DIAVIK (RIO TINTO)

Diamond mine with operating wind farm in Yellowknife:

- ◆ Comprised of 4 x 2.3 MW turbines constructed in 2012 with a 9.2 MW capacity
- ~17 GWh annual production, covering~10% of the mines power
- Developed with no government funding
- Reduced diesel consumption by 10% and carbon footprint by 6%

RAGLAN (GLENCORE)

Glencore signed a 20-year power purchase agreement with TUGLIQ Energy for Raglan mine in Northern Quebec:

- Commissioned in 2014
- 6 MW wind power capacity with three energy storage technologies
- → ~4.4M litres (~10% of mine total) of fuel savings per year → estimated savings of >C\$40M over 20-year expected turbine life
- Awarded C\$7.8M from ecoEII (Government of Canada)

HOPE BAY (AGNICO)

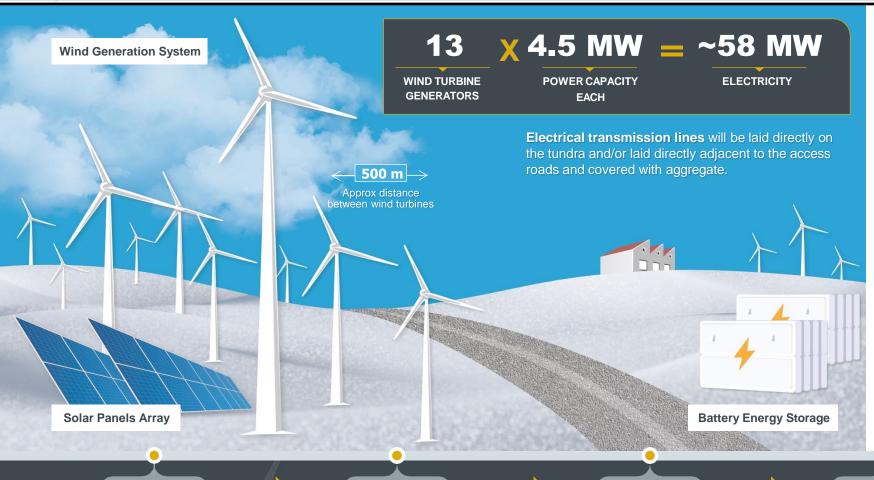
Agnico signed a memorandum of understanding with TUGLIQ & Hiqiniq Energy towards developing a wind-based power project at the Nunavut mine:

- Offsets carbon footprint with ~60% of Agnico's emissions currently coming from Nunavut
- Previous TMAC study recommended a hybrid project with installed wind capacity ranging from 2 MW to 4.7 MW at Hope Bay

Source: Corporate disclosure.

THE BACK RIVER PROJECT ENERGY CENTRE





◆ The Back River Project Energy Centre is a clean energy facility with the potential to OFFSET UP TO 50% OF PROJECT EMISSIONS¹ per year

The Battery Energy Storage System, comprising lithium-ion batteries housed in a container on an aggregate pad, will store excess electricity from the wind turbines and solar array to assist in electricity stabilization of the onsite grid in times of fluctuation.



~15% sealifts

₽₽ ~700

fuel truck trips

~15%

~700 greenhouse gas emissions

1. Offset of project emissions is in reference to power and heat generation.

2019 – 2024

Development of the Project proposal and community engagement (proposed construction and operation of up to 13 wind turbines, cabling, access roads, as well as some solar and battery storage). 2022 - 2024

Nunavut Impact Review Board Environmental Assessment, including public hearing and community roundtable meetings. April 2024

NIRB recommended Project for approval

July 2024

Federal Minister of Northern Affairs approved Project to proceed with eleven revised and three new terms and conditions for Project operations and mitigations.

2025

B2Gold Nunavut is now advancing final project concepts and revising cost estimates, and moving forward with environmental commitments made during the regulatory process on the Energy Centre.



CONTACT DETAILS

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