

CIBC Institutional Investor Conference

January 20-22, 2021 TSX: IMG | NYSE: IAG

Cautionary Statement

All information included in this presentation whether in narrative or chart form, including any information as to the Company's future financial or operating performance, and other statements that express management's expectations or estimates of future performance, other than statements of historical fact, constitute forward-looking information or forward-looking statements and are based on expectations, estimates and projections as of the date of this presentation. Forward-looking statements contained in this presentation include, without limitation, statements with respect to: the Company's guidance for production, cash costs, total cash costs, total cash costs, all-in sustaining costs or AISC, depreciation expense, effective tax rate, and operating margin, capital expenditures, operations outlook, cost management initiatives, development and expansion projects, exploration, the future price of gold, the prospects in respect of the Company's projects, the estimation of mineral resources, the grade of the mineral resources, the realization of mineral resource and mineral resource estimates, the timing and amount of estimated future production, costs of production, estimated amount of throughout, grade, estimated average life of mine strip ratio, recovery rates, recovered gold, gold production, prod production, estimated net present value of the project, estimated internal rate of return on production, life of the mine or mine life, reserves, permitting timelines, currency fluctuations, initial capital, sustaining capital, gold price assumption, requirements for additional capital, estimated labour requirements, fluctuations in cash reserves, estimated wage forecast and job creation, generation of economic activity, estimates with respect to key project metrics, government regulation of mining operations, environmental risks, unanticipated reclamation expenses, title disputes or claims and limitations on insurance coverage, as well as Project metrics and estimations of value including "net present value", "NPV", "internal rate of return". "IRR" and "payback". Forward-looking statements are provided for the purpose of providing information about management's current expectations and plans relating to the future. Forward-looking statements are generally identifiable by, but are not limited to, the use of the words "may", "will", "should", "continue", "expect", "budget", "forecast", "planned", "anticipate", "estimate", "believe", "prospective", "significant", "significant potential", "substantial", transformative", "transformative", "transformational", "rare", "valuable", "world class", "top-tier", "contributes to lower all-in sustaining costs, "increases production profile", "delivers robust economics supported by an attractive 2nd guartile aisc profile", "strong free cash flow forecast from existing operations", "intend", "plan", "schedule", "spend", "quidance", "outlook", "catalyst", "potential", "seek", "targets", "superior", or "project" or the negative of these words or other variations on these words or comparable terminology, with such forward-looking statements found throughout this presentation including, without limitation slides entitled "Key Project Notes". Forward-looking statements are necessarily based upon a number of estimates and assumptions, including material assumptions considered reasonable by the Company as at the date of this presentation in light of Management's experience and perception of current conditions and expected developments, that, while considered reasonable by management, are inherently subject to significant business, economic and competitive uncertainties and contingencies. Many of these uncertainties and contingencies can affect the Company's actual results and could cause actual results to differ materially from those expressed or implied in any forward-looking statements made by, or on behalf of, the Company, Readers are cautioned that forward-looking statements are not quarantees of future performance and undue reliance must not be placed upon forward-looking statements. The Company cautions the reader that reliance on such forward-looking statements involve risks, uncertainties and other factors that may cause the actual financial results, performance or achievements of IAMGOLD to be materially different from the Company's estimated future results, performance or achievements expressed or implied by those forward-looking statements, and the forward-looking statements are not guarantees of future performance. These risks, uncertainties and other factors include, but are not limited to, changes in the global prices for gold, copper, silver or certain other commodities (such as diesel and electricity); changes in the U.S. dollar and other currency exchange rates, interest rates or gold lease rates; risks arising from holding derivative instruments; the level of liquidity and capital resources; access to capital markets, and financing; mining tax regimes; ability to successfully integrate acquired assets; legislative, political or economic developments in the jurisdictions in which the Company carries on business; operating or technical difficulties in connection with mining or development activities including geotechnical difficulties and seismicity; laws and regulations governing the protection of the environment; employee relations; availability and increasing costs associated with mining inputs and labour; negotiations with respect to new, reasonable collective labour agreements may not be successful which could lead to a strike or work stoppage in the future, and any such strike or work stoppage could have a material adverse effect on the Company's earnings and financial condition; risks and uncertainties in relation to the COVID-19 pandemic, the speculative nature of exploration and development, including the risks of diminishing quantities or grades of reserves; adverse changes in the Company's credit rating; contests over title to properties, particularly title to undeveloped properties; the ability to deliver gold as required under forward gold sale arrangements in certain circumstances, the inability to participate in any gold price increase above the cap in any collar transaction entered into in conjunction with a forward gold sale arrangement, such as the collar entered into in conjunction with the gold sold forward in January of 2019; and the risks involved in the exploration, development and mining business, including among other things, without limitation, failure to meet expected, estimated or planned gold production, unexpected increases in all-in sustaining costs, unexpected increases in capital expenditures and exploration expenditures, failures of pit walls, failures of tailings dams, variation in the mineral content within the material identified as Mineral Resources and Mineral Reserves from that predicted, changes in development, construction schedule or mining plans due to changes in logistical, technical or other factors including, but not limited to, throughput, recovery rates, grade reconciliation, strip ratio, the possibility that future exploration results will not be consistent with the Company's expectations and other risks disclosed in IAMGOLD's most recent Form 40-F/Annual Information Form ("AIF") on file with the United States Securities and Exchange Commission and Canadian securities regulatory authorities. The Company is also subject to litigation and legal and political risks. With respect to development projects, IAMGOLD's ability to sustain or increase its present levels of gold production is dependent in part on the success of its projects. Risks and unknowns inherent in all projects include the inaccuracy of estimated reserves and resources, metallurgical recoveries, capital and operating costs of such projects, and the future prices for the relevant minerals. Development projects have no operating history upon which to base estimates of future cash flows. The capital expenditures and time required to develop new mines or other projects are considerable, and changes in costs or construction schedules can affect project economics. Actual costs and economic returns may differ materially from IAMGOLD's estimates or IAMGOLD could fail to obtain the governmental approvals necessary for the operation of a project; in either case, the project may not proceed, either on its original timing or at all.

This presentation includes certain non-International Financial Reporting Standards ("IFRS") measures such as life of mine total cash costs and life of mine average AISC. These measures are not defined under IFRS and should not be considered in isolation. The Company believes that these measures, together with other measures determined in accordance with IFRS, provide investors with an improved ability to evaluate the project. The inclusion of these measures is meant to provide additional information and should not be used as a substitute for performance measures prepared in accordance with IFRS. These measures are not necessarily standard and therefore may not be comparable to other issuers. For a reconciliation of these measures to the most directly comparable financial information reported in the consolidated financial statements prepared in accordance with IFRS and for an explanation of how management uses these measures, see "Non-GAAP Performance Measures" in the MD&A filed on SEDAR at www.sedar.com.

For a more comprehensive discussion of the risks faced by the Company, and which may cause the actual financial results, performance or achievements of IAMGOLD to be materially different from the company's estimated future results, performance or achievements expressed or implied by forward-looking information or forward-looking statements, please refer to the Company's latest AIF, filed with Canadian securities at www.sedar.com, and filed under Form 40-F with the United States Securities Exchange Commission at www.sec.gov/edgar.shtml. The risks described in the AIF (filed and viewable on www.sedar.com and www.sec.gov/edgar.shtml, and available upon request from the Company) are hereby incorporated by reference into this presentation.

Any forward-looking statement speaks only as of the date on which it is made and, except as may be required by applicable securities laws, the Company disclaims any intention or obligation to update or revise any forward-looking statements whether as a result of new information, future events or otherwise

All amounts in this presentation are expressed in U.S. dollars except as otherwise noted.



Technical Information and Qualified Persons

The Mineral Resource and Reserve Estimates contained in this presentation have been prepared in accordance with National Instrument 43-101 Standards of Disclosure for Mineral Projects ("NI 43-101"). The Qualified Person ("QP") responsible for the review and approval of all year-end Mineral Resource and Reserve Estimates for IAMGOLD contained herein is Lise Chenard, Eng., Director, Mining Geology. Lise has worked in the mining industry for more than 35 years, mainly in operations, project development and consulting. She joined IAMGOLD in April 2013 and acquired her knowledge of the Company's operations and projects through site visits, information reviews and ongoing communication and oversight of mine site technical service teams or consultants responsible for resource and reserve modeling and estimation. She is considered a QP for the purposes of NI 43-101 with respect to the mineralization being reported on. The technical information has been included herein with the consent and prior review of the above noted QP. The QP has verified the data disclosed, and data underlying the information or opinions contained herein.

Côté: The 2018 Côté Gold FS was prepared by both Wood and IAMGOLD QPs (as defined under NI 43-101). Wood QPs are independent of IAMGOLD. The affiliation and areas of responsibility for each QP involved in preparing the 2018 Côté Gold FS, upon which the technical report will be based, can be found in our November 1, 2018 News Release.

Boto: The initial FS and subsequent optimization studies were completed by IAMGOLD and Lycopodium and incorporates the work of IAMGOLD, Lycopodium and Specialist Consultants QPs (as defined under NI 43-101). QPs are independent of IAMGOLD and have reviewed and approved this presentation. IAMGOLD QPs are not independent of IAMGOLD and have reviewed and approved this presentation. The areas of responsibility for each QP involved in preparing the FS, upon which the technical report will be based, can be found in our January 13, 2020 News Release.

Westwood: The Mineral Resource and Reserve Estimates contained in this presentation have been prepared in accordance with NI 43-101. The QP responsible for the resource estimate contained herein is Mr. Donald Trudel, P.Geo., senior geologist, Westwood Mine. The QP responsible for the underground reserve estimate contained herein is Mr. Mauril Gauthier, P.Eng., senior mine engineer. The QP responsible for the open pit reserve estimate contained herein is Mr. Philippe Chabot, P.Eng., Director mining, Technical services at Longueuil. The QP responsible for the information concerning exploration sites is Marie-France Bugnon, P. Geo., General Manager Exploration. The information in this presentation was approved by Daniel Vallieres, Vice President, Operations Services for IAMGOLD.

Drilling results in this presentation have been prepared in accordance with NI 43-101 Standards of Disclosure for Mineral Projects. The sampling of, and assay data from, drill core is monitored through the implementation of a quality assurance - quality control ("QA-QC") program designed to follow industry best practice. The QP responsible for the supervision of the preparation, verification, and review of these results is Craig MacDougall, P.Geo., Senior Vice President, Exploration for IAMGOLD. Mr. MacDougall is a QP as defined by NI 43-101.

For readers to fully understand the information in this presentation, they should read the relevant Technical Report in their entirety, including all qualifications, assumptions and exclusions that relate to the information set out in the Technical Report which qualifies the technical information contained in the Technical Report is intended to be read as a whole, and sections should not be read or relied upon out of context. The Technical Report describes the Mineral Resource and Reserve estimation methodologies and the assumptions used, and to which those estimates are subject. INV Metals' AIF includes details of certain risk factors that could materially affect the potential development of the Mineral Resources and Mineral Reserves and should be considered carefully. A discussion of these and other factors is contained in "Risk Factors" and elsewhere in the Company's AIF, which was filed on SEDAR on February 19, 2020.

Exploration Target Potential: The potential quantity and grade of the exploration targets referred to are conceptual in nature and insufficient exploration work has been completed to define a Mineral Resource. The property will require significant future exploration to advance to a resource stage and there can be no certainty that the exploration target will result in a Mineral Resource being delineated. The exploration targets are consistent with similar deposits in the area, deposit models or derived from initial drilling results.

Cautionary Note to Investors Concerning Estimates of Measured and Indicated Resources

This presentation uses the term "indicated resources". We advise investors that while that term is recognized and required by Canadian regulations, the United States Securities and Exchange Commission (the "SEC") does not recognize them. Investors are cautioned not to assume that any part or all of mineral deposits in these categories will ever be converted into reserves.

Cautionary Note to Investors Concerning Estimates of Inferred Resources

This presentation also uses the term "inferred resources". We advise investors that while this term is recognized and required by Canadian regulations, the SEC does not recognize it. "Inferred resources" have a great amount of uncertainty as to their existence and great uncertainty as to their economic and legal feasibility. It cannot be assumed that all or any part of an inferred Mineral Resource will ever be upgraded to a higher category. Under Canadian rules, estimates of Inferred Mineral Resources may not form the basis of feasibility or pre-feasibility studies, except in rare cases. Investors are cautioned not to assume that part or all of an inferred resource exists, or is economically or legally mineable.



IAMGOLD – Positioned for Profitable Growth

- Diversified Operating Portfolio
- Three operating mines on three continents with 2021 guidance of 630-700koz¹
- Disciplined approach to realizing value targeting a self-funding model at each operation
- Operating improvements: Essakane optimization, Saramacca ramp-up, WW 'hub-and-spoke'

- Compelling Value & Production Growth
- Peer-leading organic growth profile targeting gold production to >1 Mozpa by 2024 as Côté Gold brought online^{2,3}
- Attractive value opportunity relative to peers on P/CF, EV/EBITDA and P/NAV metrics

Strong Financial Position

- Strong liquidity position of close to \$1.5B, including \$986M in cash & cash equivalents, and improving operating margins at existing operations⁴
- Fully funded growth pipeline with no need to pursue expensive M&A transactions

- Culture of Accountable Mining
- Zero Harm[©] commitment and Focus on Safety, while building strong community partnerships
- Rapid COVID-19 response with extensive steps taken to protect the health & safety of employees and contractors

V

Robust Pipeline of Projects

- Industry leading Reserve growth exceeding 100% since 2016 to 16.7Moz⁵ as at YE19
- Near-site district growth: Saramacca (RGM), Gosselin (Côté), Fayolle / Rouyn (WW)
- Re-seeding the pipeline with long-term growth: Boto & Bambouk District, Nelligan / Monster Lake



Strategic Focus

TRANSFORMATION THROUGH ORGANIC GROWTH TO REALIZE VALUE

Strategic Deliverables

- Improved consolidated costs / increased margins / positive cash flow
- Increased gold production
- Greater operational flexibility
- Enhanced geographical diversity of production
- Predictable results
- Generate material returns for shareholders



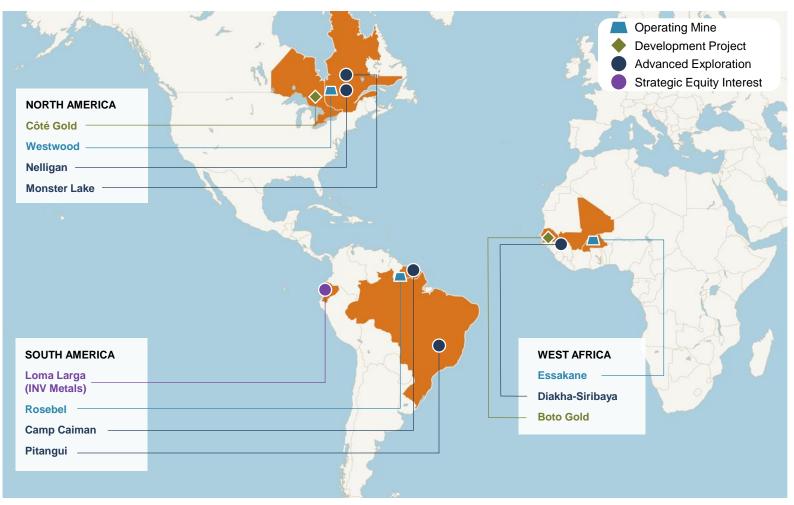
Strategic Focus

- Achieve self-funding at each operating site
- Sequence development of organic growth projects
 - Execute on Côté construction
 - Continue de-risking Boto
- Advance district exploration targets
 - Gosselin
 - Karita, Diakha-Siribaya (Bambouk)
 - Nelligan / Monster Lake
 - Saramacca-Brokolonko Trend
 - Essakane regional
 - Westwood 'hub & spoke' model
- Maintain ESG leadership position



Diversified Operating Portfolio

GLOBAL OPERATING, DEVELOPMENT AND EXPLORATION PROJECTS



ATTRIBUTABLE M&I RESOURCES¹



← 630-700 koz

Gold Production 2021 Guidance*

+1 Moz

Gold Production Target by 20243



~\$900/oz

AISC Cost Target by 2024



5,000+

Employees Globally



16.7 Moz

Proven & Probable Gold Reserves (2019)*



Measured & Indicated Gold Resources (2019)*

*On an attributable basis.



2020 Preliminary Operating Results¹

IAMGOLD ACHIEVED THE MID-POINT OF 2020 PRODUCTION GUIDANCE²

ATTRIBUTABLE GOLD PRODUCTION

| (000s ounces) | Q1/20 | Q2/20 | Q3/20 | Q4/20 | 2020 ACTUAL | 2020 GUIDANCE |
|-----------------|-------|-------|-------|-------|----------------|------------------|
| Essakane (90%) | 84 | 83 | 94 | 103 | 364 | 350 – 370 |
| Rosebel (95%) | 64 | 52 | 42 | 52 | 210 | 210 – 230 |
| Westwood (100%) | 22 | 20 | 23 | 14 | 79 | 70 – 80 |
| TOTAL | 170 | 155 | 159 | 169 | 653 | 630 – 680 |

- Attributable gold sales of 646,000 ounces for the year and 172,000 ounces for the fourth quarter
- Total cash costs³ expected at the bottom end of guidance of \$980 to \$1,010 per ounce produced
- All-in sustaining costs³ expected around the lower end of guidance of \$1,240 to \$1,270 per ounce sold



2021 Operating Outlook¹

PRODUCTION & COST GUIDANCE

| (000s oz) | 2021 GUIDANCE ¹ |
|--|----------------------------|
| Essakane (90%) | 365 – 390 |
| Rosebel (95%) | 220 – 245 |
| Westwood (100%) | 45 – 65 |
| Total Attributable Production | 630 – 700 |
| Cost of sales ² (\$/oz) | \$980 - \$1,030 |
| Total cash costs ^{3,4} (\$/oz) | \$930 - \$980 |
| All-in sustaining costs ^{3,4} (\$/oz) | \$1,230 - \$1,280 |

^{1 2021} Guidance is based on full year assumptions with an average realized gold price of \$1,750 per ounce, USDCAD exchange rate of 1.30, EURUSD exchange rate of 1.19 and average crude oil price of \$47 per barrel.

CAPITAL EXPENDITURE GUIDANCE

| (\$ millions) | Sustaining ¹ | Non- Sustaining ² | Total ³ |
|-------------------|-------------------------|---------------------------------|--------------------|
| Essakane | \$60 | \$90 | \$150 |
| Rosebel | \$50 | \$75 | \$125 |
| Westwood | \$10 | \$10 | \$20 |
| Operating | \$120 | \$175 | \$295 |
| Côté Gold Project | - | \$355 | \$355 |
| Boto Gold Project | - | \$60 | \$60 |
| Total (±5%) 3,4,5 | \$120 | \$590 | \$710 |

¹ Sustaining capital includes capitalized stripping of \$10 million for Essakane.



² Cost of sales, excluding depreciation, is on an attributable ounce sold basis (excluding the non-controlling interest of 10% at Essakane and 5% at Rosebel).

³ This is a non-GAAP measure. Refer to the non-GAAP performance measures section of IAMGOLD's most recent MD&A.

⁴ Consists of Essakane, Rosebel, and Westwood on an attributable basis.

² Non-sustaining capital includes capitalized stripping of \$65 million for Essakane and \$45 million for Rosebel.

³ Includes \$13 million of capitalized exploration and evaluation expenditures.

⁴ Capitalized borrowing costs are not included.

⁵ In addition to the above capital expenditures, \$23 million in total principal lease payments are expected.

Meaningful Production Growth

FULLY FUNDED PEER-LEADING ORGANIC GROWTH PROFILE SUPPORTED BY SOLID OPERATING BASE

Achievable
Pathway to
>1Moz
Producer
Status



Peer-Leading Production Growth (2021 – 2024)

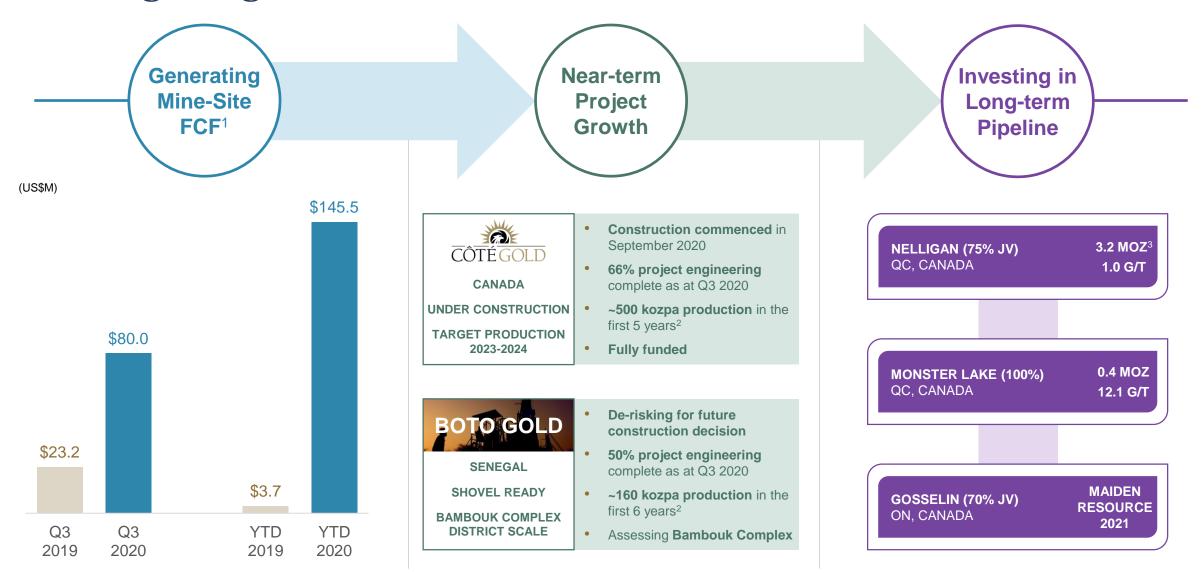


Source: Company disclosures. Broker research.



^{1.} Target range, not intended to be guidance. Includes development projects, assuming 2020 construction start for Côté and 2023 for Boto, subject to capital review.

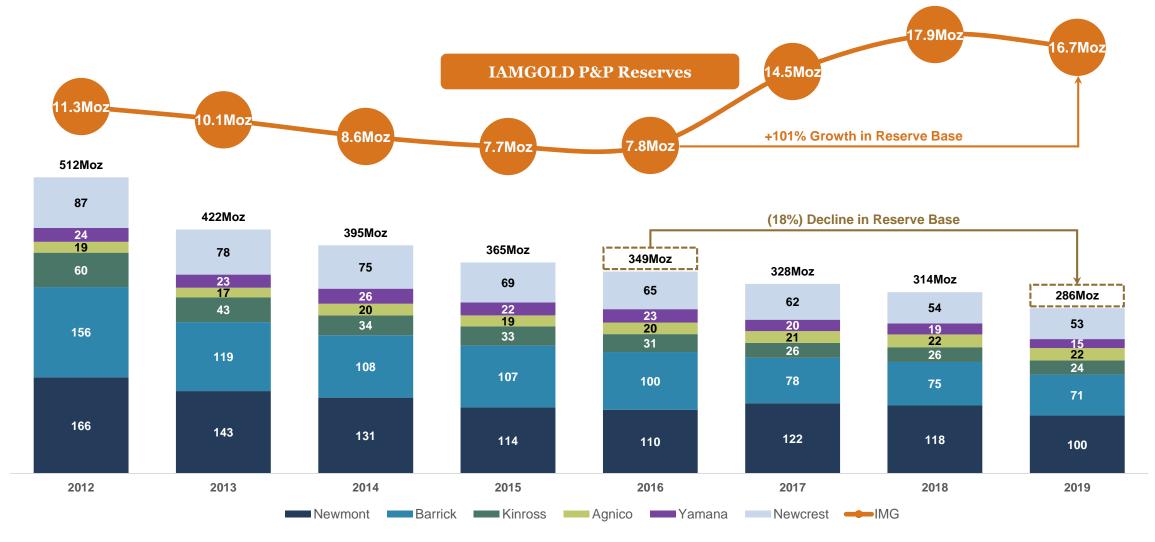
Building Long Term Value





^{1.} This is a non-GAAP measure. Refer to the non-GAAP performance measures section of IAMGOLD's Q3 2020 MD&A for more information.
2. On a 100% attributable basis. 3. Inferred resources on a 100% attributable basis.

Industry Leading Reserve Growth



Source: Company filings. Reserves are presented on an attributable basis. Newmont (Goldcorp) and Barrick (Randgold) pre-merger data is presented on a consolidated basis.



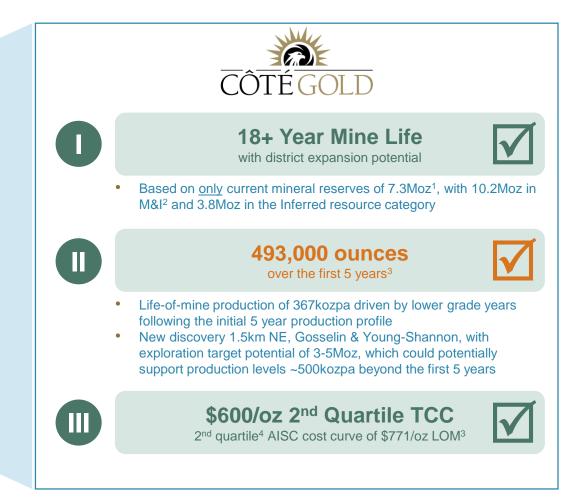
Côté Gold – Potential Global Tier I Gold Asset

CÔTÉ HAS SIGNIFICANT DISTRICT SCALE POTENTIAL IN MINING-FRIENDLY CANADA

Tier I Asset Criteria*



*Barrick Gold defines a Tier One Gold Asset as a mine with a stated life in excess of 10 years, annual production of at least 500koz of gold and TCC per ounce over the mine life that are in the lower half of the industry cost curve



Source: Company disclosures. Barrick Gold. S&P Market Intelligence.

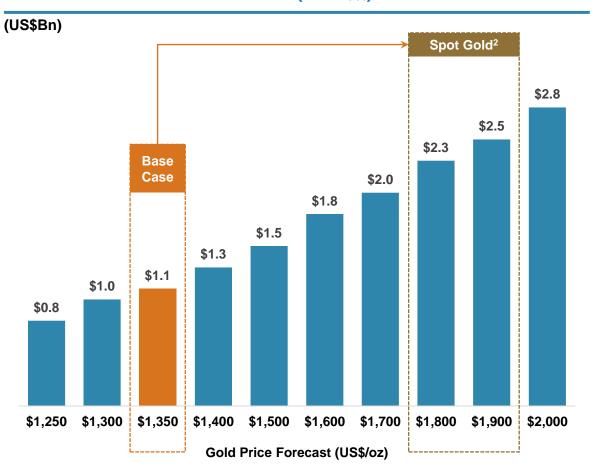


SUMITOMO METAL MINING CO., LTD.

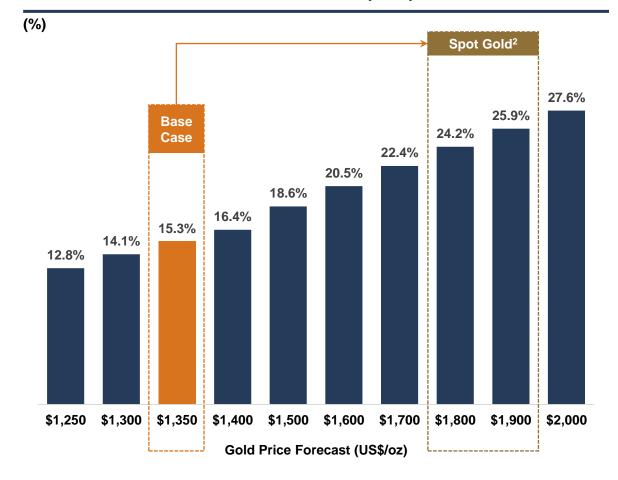
Côté Gold – Sensitivity to Gold Price

SIGNIFICANT LEVERAGE TO THE GOLD PRICE

After-Tax Net Present Value (NPV_{5%}) – 100% Basis¹



After-Tax Internal Rate of Return (IRR) – 100% Basis¹



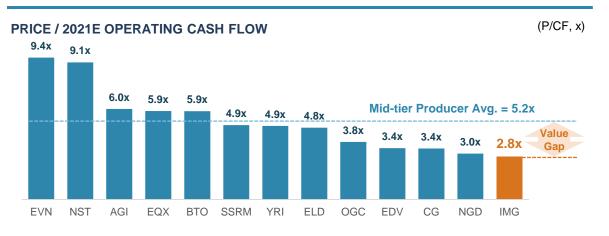


 ^{1. 100%} attributable basis, after-tax, including equipment financing.
 2. As at January 15, 2021 spot gold price of ~US\$1,830/oz.

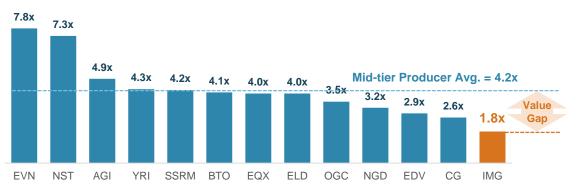
Compelling Value Proposition

ATTRACTIVE UPSIDE RELATIVE TO MID-TIER PRODUCER PEER GROUP

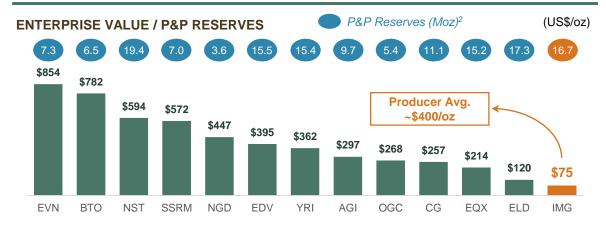
Financial Metrics¹



ENTERPRISE VALUE / 2021E EBITDA



Mineral Reserves & Net Asset Value²



PRICE / NET ASSET VALUE (NAV)3



Source: Company disclosures. S&P Capital IQ. Market data as at January 15, 2021.



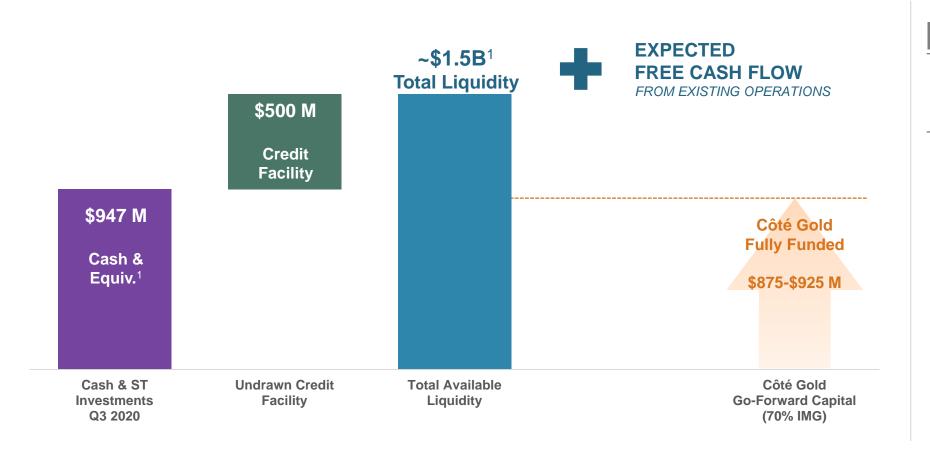
^{1. 2021}E Operating Cash Flow and EBITDA based on consensus estimates. 2. Mineral reserves on an attributable basis.

(EV/EBITDA, x)

(P/NAV, x)

Strong Financial Position & Expected FCF from Operations

IAMGOLD is well positioned to execute on Côté given existing liquidity and expected free cash flow from operations



Senior Notes Outstanding

(\$450 M)

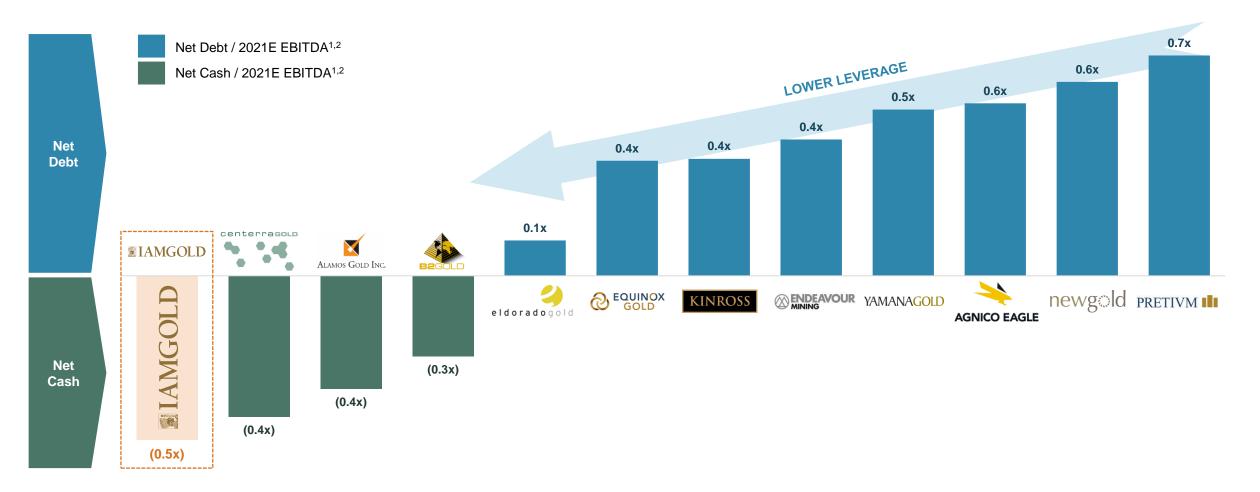
Coupon: 5.75%; Maturity: Oct.15, 2028 Corp Rating: B1 (Moody's) and B+ (S&P)

- Successfully refinanced old 7.0% \$400 million notes due 2025
- \$450 million new senior notes with lower 5.75% interest rate and maturity extended to 2028
- S&P and Moody's credit rating agencies re-affirmed IAMGOLD's stable outlook following refinancing



Leverage Leader Among Peers

DISCIPLINED APPROACH FAVOURABLY POSITIONS COMPANY AMONG PRODUCER PEER GROUP



Source: S&P Capital IQ and company disclosures. Market data as at December 31, 2020.



Environmental, Social and Governance (ESG)



IAMGOLD supporting local beekeepers in Antioquia Municipality (Colombia)



- Respecting the natural environment
- Building strong community partnerships
- Putting the health and safety of our employees first.



- Implemented the Toward Sustainable Mining framework at all operations
- Implementing the World Gold Council's Responsible Gold Mining Principles
- Received highest level (GA-1) of Moody's Corporate Governance for the Metals and Mining Sector
- One of the 2019 Top 50 Sustainable Companies in Canada by Corporate Knights
- Inclusion in the 2020 Bloomberg Gender Equality Index for organizational commitment to equality and advancement of women in the workplace

Recent Highlights

- Donations to local communities in response to the global COVID-19 crisis, allocating \$1.5 million to date:
 - Cleaning equipment and supplies (hand-washing stands, hand-sanitizing gel)
 - Protective medical equipment (masks, gloves, etc.)
 - Life support equipment (ventilators, hospital beds)
 - Supporting local entrepreneurs (protective masks, PPE suppliers)
- Commissioning of the world's largest hybrid solar/thermal plant at Essakane
- Investment of \$1.35 million to improve community access to high-quality medical care in Suriname
- Public-Private Partnership with Canadian Gov't, One Drop Foundation, and Cowater on *Triangle de l'Eau* project, completed Phase I bringing potable water to 60,000 people near ESK; Advancing Phase II (200,000 people)
- Rosebel Community Fund, with initial funding of \$2.5 million to provide grants to local projects which demonstrate positive economic and/or social impacts
- Moody's¹ ESG ranks IAMGOLD 4th out of 45 sector peers

Fore more information, see our Sustainability report at https://www.iamgold.com



Adapting to Our New Normal: COVID-19 Response

Zero Harm© is our commitment to continually strive to reach the highest standards in human health & safety, minimize our environmental footprint, and work co-operatively with our host communities.

- COVID-19 in Q3 2020: Health & Safety Protocols Embedded in our Operations and Projects
 - Essakane completed the expansion of sleeping quarters adding 200 beds; operations back to normal capacity
 - Westwood back online mid-April following Quebec's COVID-19 Care & Maintenance directive
 - Rosebel continue to expand camp capacity to facilitate social distancing; targeting Q1 2021
 - Côté protocols include screening, assessments, mandatory protective wear, social distancing, temperature tests
- Community Support and Engagement
 - Essakane employees made an in-kind donation to vulnerable communities near Ouagadougou
 - Local entrepreneurs supply protective masks to Rosebel
 - Medical / PPE supplies and food baskets distributed to vulnerable communities near exploration projects in West Africa, Colombia and Peru



COVID-19 Measures Across Operations

Essakane, Burkina Faso







Left: Bus pick up

social distancing

numbers in each

and reduced

Left: Kitchen

facilities - lineups

incorporate social

distancing, while

lunch times are

staggered

shuttle

point incorporates



Drone Equipped with speaker used to communicate COVID awareness





Right: Respirator donations to the Burkina Faso Ministry of Health









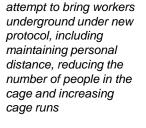


Westwood, Canada

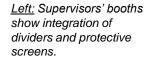


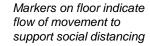
Left: Successful first













Left: GM Meetings – Physical Distancing Observed



Focus on Safety: Historical DART & TRI Rates

HISTORICAL GLOBAL DART & TRI RATES PER 200,000 HOURS WORKED

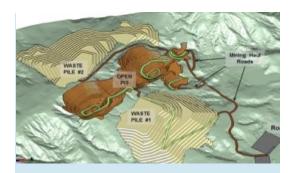


| 2020 | | Q1 | Q2 | Q3 | Q4 | Targets | YTD |
|------|---|------|------|------|----|---------|------|
| DART | Days Away, Restricted or Transferred Duty | 0.65 | 0.11 | 0.36 | | 0.57 | 0.38 |
| TRI | Total Recordable Injuries | 0.95 | 0.30 | 0.48 | | 0.94 | 0.59 |



Ensuring a Robust Pipeline

FUTURE PRODUCTION AND GROWTH OPPORTUNITIES



Saramacca, Suriname



Mill Optimization, Burkina Faso



Côté Gold Project, Ontario

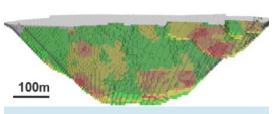


Boto Gold Project, Senegal



Bambouk Complex, Senegal/Mali/Guinea

Longitudinal view



Nelligan Gold Project, Quebec

GROWTH OPPORTUNITIES

- Gosselin (Côté), Ontario
- **Diakha-Siribaya**, Mali
- Karita, Guinea
- Monster Lake, Quebec
- Fayolle, Quebec
- Rouyn, Quebec
- Pitangui, Brazil



Robust Exploration Pipeline





>5 Moz Au

>2 Moz Au

Brownfield

Greenfield

Advanced Greenfield

Upcoming Catalysts

2021 KEY MILESTONES*

- Rosebel Ramp-up with Saramacca
- Essakane Optimized Mill
- Advancing Growth Projects
 - Côté Major Earthworks
 - Boto De-risk with project infrastructure development
- Gosselin Targeting Maiden Resource
- Resource Delineation (Nelligan, Fayolle, Rouyn, Gosselin, Karita)
- Westwood Underground Re-start and Ramp-up**

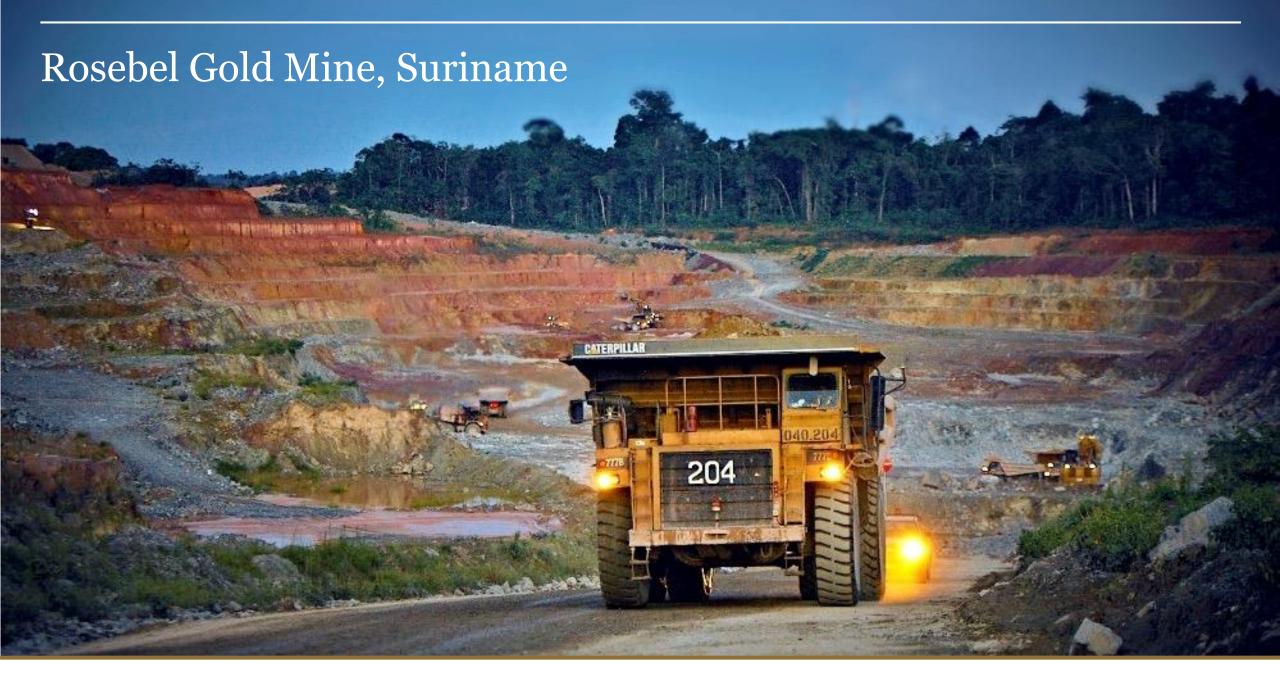


^{*} The global COVID-19 crisis is expected to continue to affect our operations, including incremental costs and productivity impacts. While the precise impact continues to evolve, the impact could be significant in future periods, affecting our guidance for future years.

^{**} Subject to assessment of a business continuity plan.









Rosebel – Long Operating History with Attractive District Upside

OVERVIEW

Gross Rosebel Concession: **Ownership** 95% IAMGOLD, 5% Government of Suriname Saramacca UJV: 70% IAMGOLD, 30% Staatsolie (66.5% IAMGOLD effective¹) Mining Conventional open pit Method methods **Production** Began commercial **Status** production in 2004 LOM To 2033, with Saramacca Source: NI 43-101 (Q3/2018) 2020 210 koz **Production** 2021 • $220 - 245 \text{ kg}^2$ Guidance \$50M sustaining capex \$75M non-sustaining capex

KEY NOTES

Saramacca Development

- ✓ First ore delivered October 31, 2019
- ✓ Road connection established in Q1'20
- ✓ Online H2'20
- Future potential reserve extension and underground potential assessment

Extensive Regional Land Package

- Building on exploration success at Saramacca
- Ongoing assessment of district targets

Rosebel Community Fund

 Launched in 2019 with a US\$2.5M endowment, supporting socioeconomic development, health and well-being of local communities

Brokopondo district in north-eastern Suriname



RESERVES AND RESOURCES³

(IMG Attributable)

| | Tonnes (000) | Grade (g/t) | Contained Ounces (000 Au) |
|--------------------|-----------------|----------------|---------------------------------|
| P&P Reserves | 133,208 | 1.0 | 4,364 |
| M&I Resources* | 286,729 | 1.0 | 8,856 |
| Inferred Resources | 68,754 | 0.8 | 1,876 |

^{*} Inclusive of mineral reserves



Saramacca Update



TRUCK SHOP

RIGHT: FORMWORKS & CONCRETE AT FACILITY PAD



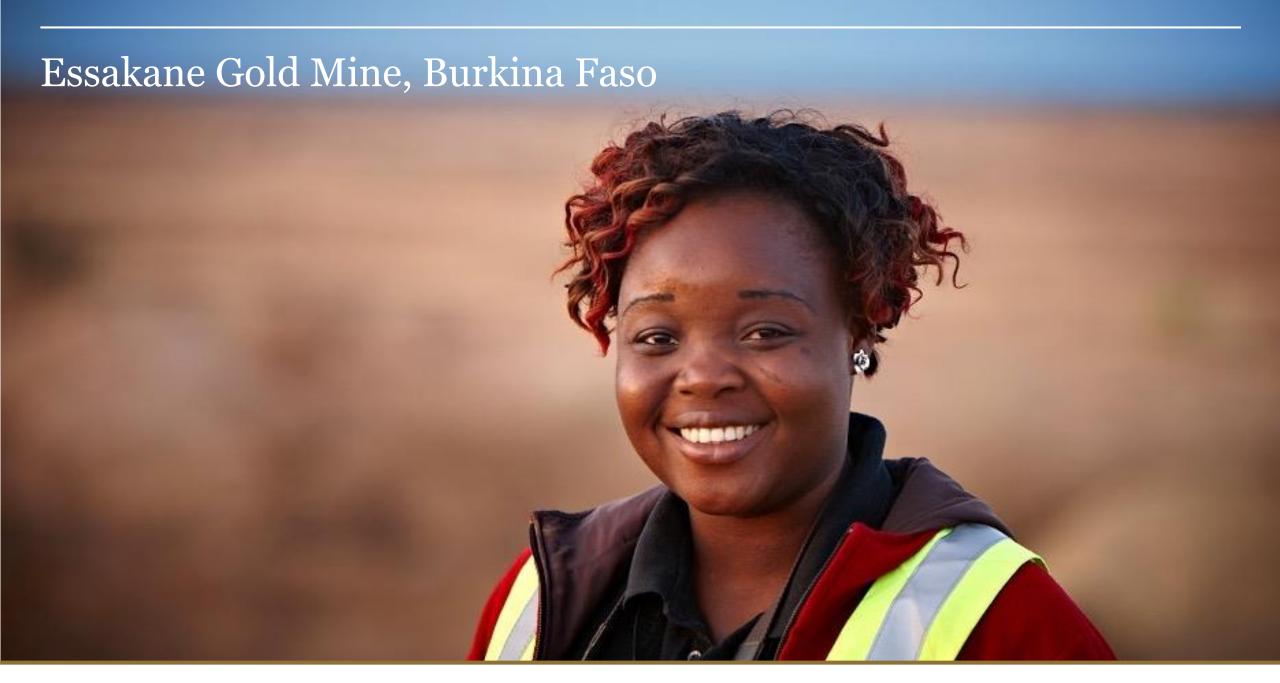


ABOVE: ROM FACILITY PAD











Essakane – Stable Producer of ~400kozpa on a 100% basis

OVERVIEW

| Ownership | 90% IAMGOLD, 10% Government of Burkina Faso |
|-----------------------|---|
| Mining Method | Conventional drill, blast, load and haul surface mining method |
| Production Status | Began commercial production in July 2010 |
| | Plant expansion was completed on time and under budget at the end of 2013 |
| | Expanded plant nameplate capacity on 100% hard rock from 10.8 Mtpa to 11.7 Mtpa |
| LOM | • CIL to 2026 |
| | • HL 2027-2031 |
| | Source: NI 43-101 (Q4/2019) |
| 2020 Production | • 364 koz |
| 2021 | • 365 – 390 koz |
| Guidance ¹ | \$60M sustaining capex |
| | \$90M non-sustaining capex |
| | |

KEY NOTES

CIL (carbon-in-leach) Debottlenecking

- Improve throughput and gravity recovery, \$9M capex
- ~10% Increase in CIL Mill throughput on hard rock 2020+

Satellite Prospects

- Evaluating resource potential of satellite prospects and identified targets within 1-15km of mill
- Gossey initial resource², comprising
 291 koz Indicated and 85 koz Inferred

Heap Leaching³

- Heap Leach after CIL
- Initial capex \$115M (incl. \$9M CIL optimization)

North-eastern Burkina Faso, West Africa



RESERVES AND RESOURCES⁴

(IMG Attributable)

| | Tonnes (000) | Grade (g/t) | Contained Ounces (000 Au) |
|--------------------|-----------------|----------------|---------------------------------|
| P&P Reserves | 112,242 | 1.0 | 3,425 |
| M&I Resources* | 135,624 | 1.0 | 4,219 |
| Inferred Resources | 11,327 | 1.1 | 401 |

^{*} Inclusive of mineral reserves



CIL/HL Feasibility Study Highlights

HIGHLIGHTS¹

| Mine Life | 2031 |
|---|---------------|
| | |
| Mining Capacity | 55.0 Mtpa |
| CIL Milling Capacity (100% hard rock equivalent) | 11.7 Mtpa |
| HL Processing Capacity | 8.5 Mtpa |
| HL Tonnage | 43.1 Mt |
| Average diluted grade | 1.24 g/t Au |
| (CIL / HL) | / 0.40 g/t Au |
| LOM Average Recovery Rate (CIL / HL) | 92% / 67% |
| LOM Average Annual Gold | 433 koz |
| Production (CIL) | (2020-2026) |
| LOM Average Annual Gold | 74 koz |
| Production (HL) | (2027-2031) |
| HL Initial Capital Expenditure | \$115 M |
| (+20% / -15%) | (2025-2026) |
| LOM Average Direct Cash Costs | \$778/oz |
| LOM Average AISC | \$949/oz |
| After-tax NPV _{6%} (\$1,350/oz Au price) | \$874 M |

KEY NOTES

CIL Optimization Study

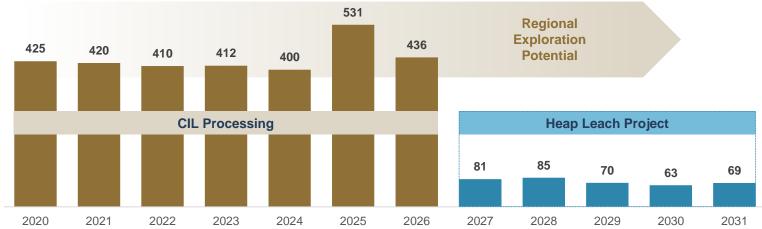
- FS supported increasing mill throughput to 11.7Mtpa (hard rock) from 10.8Mtpa
- Minimal capital outlay of \$9 million with commissioning targeted for Q1/21

Heap Leach Project

- Construction not required until 2025, providing project optionality
- Opportunity to potentially maximize returns and minimize capital investment by utilizing the existing CIL circuit to process HL ore (gold price dependent)

PRODUCTION PROFILE

(100% Gold Production, koz)







Westwood – Foot into the Prolific Abitibi Gold Mining Camp

OVERVIEW

| Ownership | • 100% IAMGOLD |
|---|--|
| Mining Method | Underground |
| Production Status | Began commercial production in July 2014 |
| LOM | • To 2033 |
| 2020 Production | • 79 koz |
| 2021 Guidance¹ | 45 – 65 koz \$10M sustaining capex \$10M non-sustaining capex |
| Underground Ramp-up Period ^{2,3} | Anticipated 3-4 year period 100 – 125 koz \$1,125 – \$1,225 /oz AISC |
| Underground Steady State ^{2,3} | 130 – 145 koz \$1,000 – \$1,100 /oz AISC |

KEY NOTES

Current Status

- Assessing business continuity following seismic event in the west part of the mine in 2020
- Potential to focus on near term mining in the eastern part of the mine

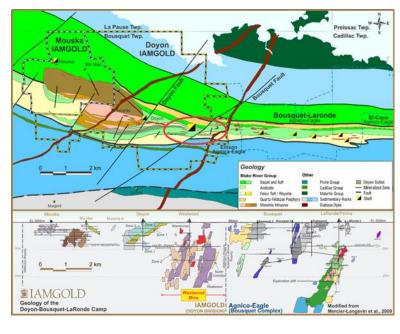
Progressing Development

- Targeting safe, profitable, long life mine
- Ramp-up production and cost guidance issued²
- NI 43-101 Study delivered

Resource Conversion

Delineation drilling to target conversion of resources into reserves

Northwestern Québec



RESERVES AND RESOURCES²

(IMG Attributable)

| | Tonnes (000) | Grade (g/t) | Contained Ounces (000 Au) |
|--------------------|-----------------|--------------------|---------------------------------|
| P&P Reserves | 2,698 | 7.1 | 618 |
| M&I Resources* | 4,764 | 10.2 | 1,557 |
| Inferred Resources | 6,384 | 8.6 | 1,771 |

^{*} Inclusive of mineral reserves



Refer to IAMGOLD news release dated January 19, 2021.
 Refer to IAMGOLD news release dated August 5, 2020.
 Subject to assessment of business continuity plan.

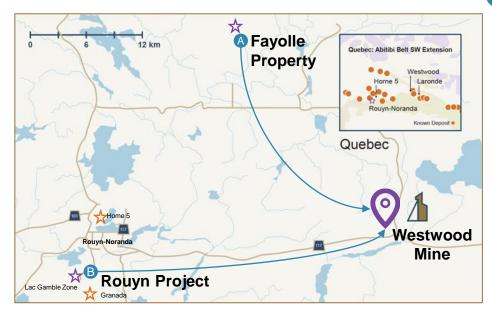
Westwood – "Hub-and-Spoke" Model

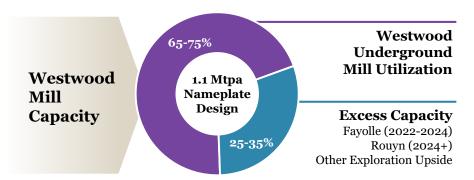
ATTRACTIVE DISTRICT EXPLORATION POTENTIAL THAT COULD SUPPLEMENT EXCESS MILL CAPACITY

FAYOLLE PROPERTY (OP)

100% ACQUIRED FROM MONARCH GOLD IN JUNE 2020

- ~35 km northeast of Rouyn-Noranda and ~29 km northwest from Westwood
- Consists of 39 mineral claims covering an area of 1,373 hectares (14 km²)
- Excellent potential¹ to provide supplemental feed following depletion of Grand Duc
- Resource estimate work ongoing with focus on high-grade near-surface mineralization
- Target production 20-25koz over 2 years, commencing Q4 2022, pending permitting¹
- Historical 2019 drill highlights²:
 - FA19-103: 6.1m grading 8.37g/t
 - FA19-107: 2.7m grading 50.94g/t
 - FA19-108: 3.0m grading 37.97g/t
 - FA19-109: 4.0m grading 15.79g/t





B ROUYN GOLD PROJECT (UG)

OPTION TO ACQUIRE 100% FROM YORBEAU RESOURCES

- 4 km south of Rouyn-Noranda and ~40 km west from Westwood
- Excellent access to infrastructure & skilled mining personnel
- Contains 4 known gold deposits on a 2,700 hectare property covering a 12 km stretch of the prolific Cadillac-Larder Lake Break
- Exploration Target Potential¹ of 400-600koz at 6-8 g/t Au at underground Lac Gamble zone
- Anticipated 3-4 year permitting timeline¹
- Recent Lac Gamble drill highlights³:
 - GA20-750: 9.8m grading 27.8g/t
 - GA20-709W2: 9.8m grading 10.4g/t
 - GA19-694: 29.7m grading 9.0g/t
 - (incl.) 11.1m grading 17.5g/t





Transformational Value in Canada

CÔTÉ GOLD – HIGHLIGHTS

- NPV_{5%} of \$2.5B and IRR of 25.9% at US\$1,900 / oz gold^{1,2}
 - NPV_{5%} of \$1.1B and IRR of 15.3% at US\$1,350 / oz gold^{1,2}
- Annual gold production 469 koz at \$693 / oz AISC, first 6 years²
- 18+ year potential mine life²
- 7+ Moz in reserves at \$1,200 / oz gold price²
- Risk mitigation technical: +66% detailed engineering complete
- Risk mitigation costs: 55% of capital in firm bids
- Finance through cash flows, balance sheet, credit facility
- Key permits and approvals in hand:
 - Federal Fisheries Act: Sec. 35, Sec. 36 (Schedule 2)
 - Environment Assessment, Closure Plan, Leave to Construct (powerline)
 - LRIA (fish collection/habitat offsets, haul roads), ECA, Permit to take Water
- Strong stakeholder relationships:
 - Sumitomo Metal Mining Joint Venture Partner
 - Indigenous and northern communities
- District Potential: Gosselin and Young Shannon
 - Gosselin & Young-Shannon discoveries, <2km from Côté pit
 - 540 square km exploration land package
 - Exploration Target Potential²: 3 to 5 million ounces grading 0.7 to 1.2 g/t Au



- Ownership: 92.5% JV (70:30 IAMGOLD/SMM); 7.5% 3rd party
- Mining friendly jurisdiction near Gogama, ON, Canada
 - 130 km SW of Timmins, and 200 km NW of Sudbury.
- Skilled local labour pool.
- Close to infrastructure:
 - 6km west of Highway 144.
 - Close to two main rail lines
 - Existing power supply 45 km from site



Côté Gold: Key Project Metrics

PROJECT HIGHLIGHTS: GO-FORWARD UPDATE^{1,2}

(100% basis, average LOM)

| Mine Life | 18 years | | | |
|-----------------------------|------------------------|------------|--|--|
| Open Pit Mining | 70 Mtpa | | | |
| Mill Capacity | 13.1 Mtpa (36,000 tpd) | | | |
| Strip Ratio (w:o) | 2.7 | ·:1 | | |
| Gold Head Grade | 0.96 | 0.96 g/t | | |
| Gold Recovery | 91.8% | | | |
| Total Recovered Gold | 6.61 Moz | | | |
| Average Annual Production | 367 koz | | | |
| Initial Capex | \$1.30B ³ | | | |
| Sustaining Capex | \$1. | 07B | | |
| Gold Price Assumption | \$1,350/oz | \$1,700/oz | | |
| Total Cash Costs | \$600/oz | \$663/oz | | |
| AISC | \$771/oz | \$835/oz | | |
| After-Tax NPV _{5%} | \$1.1B | \$2.0B | | |
| After-Tax IRR | 15.3% | 22.4% | | |

C\$10B*

In estimated economic activity during the mine's operations

C\$5B*

In wages forecast through direct and indirect job creation



Full time, well paying jobs anticipated during operations and over 1,000 local construction jobs



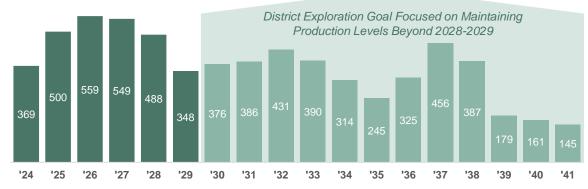
IAMGOLD will be working closely with Indigenous and Northern communities to build and operate the project

MEANINGFUL SCALE & MINE LIFE^{4,5}

469 KOZPA First 6 years

367 KOZPA

(100% Gold Production, koz)





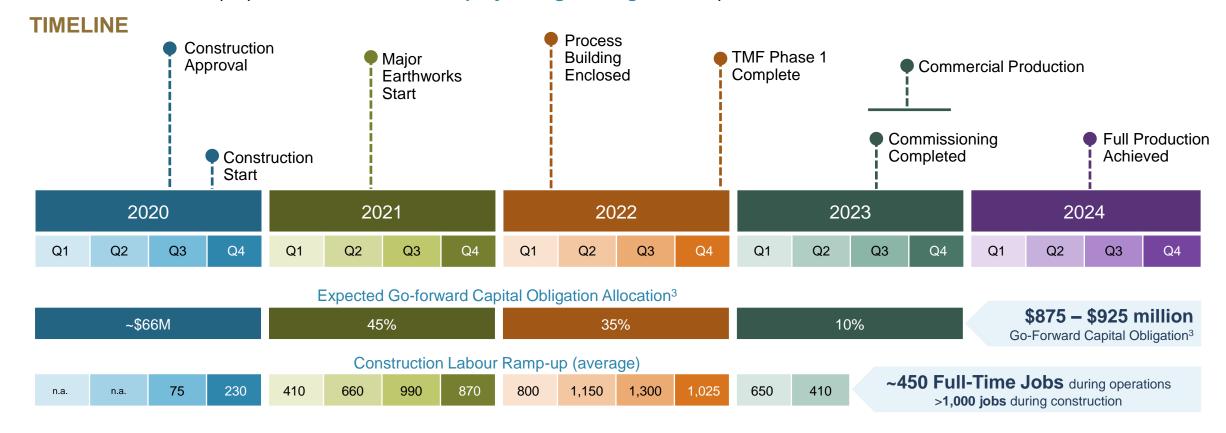
^{1.} Refer to IAMGOLD news release dated July 21, 2020. 2. Based on the FS Extended Case, which is subject to receipt of permitting. 3. Net of equipment financing. 4. Production profile based on June 2020 update. 5. Forward-looking statement. Please refer to the Cautionary Statement.

^{*} Figures referenced (C\$10B in estimated economic activity during the mine's operations and C\$5B in wages) from independent report conducted by RIAS July 13, 2018.

Project Timeline – Key Milestones

EXECUTION PLAN

- Construction commenced at Côté in early September following ground-breaking ceremony
 - Fish salvage, construction camp preparation and road access development
 - Activities ramp-up into Q4 2020 with ~66% project engineering now complete





^{1.} Refer to IAMGOLD news release dated February 18, 2020. 2. Refer to news release dated November 1, 2018.

37

Ground-breaking & Site Preparation













GROUND-BREAKING CEREMONY



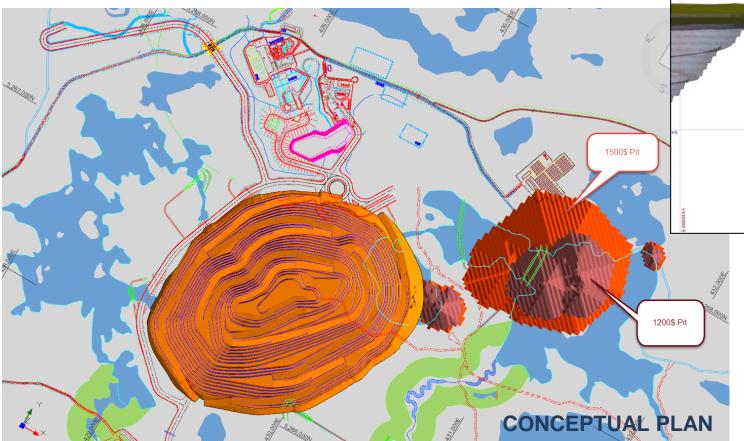


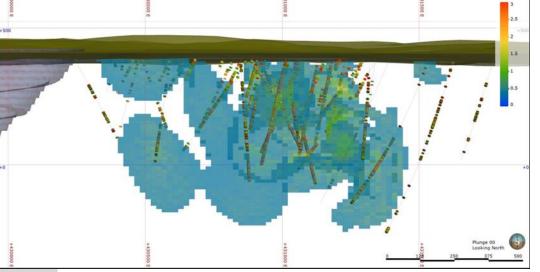




Exploration Potential at Côté

GOSSELIN, YOUNG-SHANNON 1.5 KM NORTHEAST OF CÔTÉ





Gosselin Drill Hole Highlights¹

- GOS19-17: 342.5 metres grading 0.98 g/t Au
 - includes: 225.0 metres grading 1.34 g/t Au
- GOS19-24: 412.0 metres grading 1.28 g/t Au
 - includes: 221.4 metres grading 1.47 g/t Au

Exploration Target Potential*: 3 to 5 million ounces grading @ 0.7 to 1.2 g/t Au (Targeting maiden resource in 2021)



Boto Gold – High Margin Investment in Prospective District

OVERVIEW

| Location | Senegal, West Africa |
|------------|---|
| Ownership | 90% IAMGOLD / 10% Gov't of Senegal |
| Highlights | Along same trend as B2Gold's Fekola Mine in Mali |
| | Mining permit received December 23, 2019 for an initial period of 20 years¹ |
| | De-risking for future construction decision (estimated 13 month pre- production period) |

RESERVE AND RESOURCE¹

(100% Basis)

| | Tonnes (000) | Grade (g/t) | Contained Ounces (000 Au) |
|------------------------|-----------------|--------------------|---------------------------------|
| Probable Reserves | 29,040 | 1.7 | 1,593 |
| Measured & Indicated * | 40,567 | 1.6 | 2,033 |
| Inferred | 8,196 | 1.8 | 469 |

^{*} Inclusive of Reserves



Community market garden near Boto sponsored by IAMGOLD to help promote sustainable business ventures for the local community



Operating RC Drill Rig

OPTIMIZATION STUDY HIGHLIGHTS¹

(100% Basis)

| Mining: open pit | Mine Capacity: 38 Mtpa |
|---|---|
| Process: crush, grind, gravity, leach, CIP (hard rock equivalent) | Mill Capacity: 2.7 Mtpa (HR equivalent) |
| LOM Average Annual Gold Production | 130,000 oz |
| Average Annual Gold Production (years 1-6) | 160,000 oz |
| LOM Average Recovery Rate | 89.4% |
| Mine Life | 11 years |
| LOM Average Total Cash Costs | \$778/oz |
| LOM Average AISC | \$842/oz |
| Average Grade | 1.71 g/t Au |
| Average LOM Strip Ratio | 7.5 : 1 |
| Estimated capital expenditure | |
| Initial Capital | \$271 million |
| Sustaining Capital | \$68 million |
| Investment metrics | |
| Gold Price Assumption | \$1,350/oz |
| After-tax NPV (6%) | \$219 million |
| After-tax IRR | 22.6% |
| Payback Period | 3.2 years |

Bambouk District: Boto – Karita – Diakha-Siribaya

BOTO GOLD PROJECT, SENEGAL

- Announced the receipt of the exploitation permit for an initial period of 20 years
- De-risking Detail Engineering and Preliminary Infrastructure construction
- Optimization Study¹ completed in 2019 confirms robust project economics on a standalone basis:

| Gold Price (US\$/oz) | After-tax NPV _{6%} 1 (US\$M) | After-tax IRR ¹ (%) |
|-------------------------|--|-----------------------------------|
| \$2,000 | \$732 | 55% |
| \$1,900 | \$652 | 50% |
| \$1,800 | \$572 | 45% |
| \$1,500 | \$329 | 30% |
| \$1,350 | \$219 | 23% |
| \$1,250 | \$151 | 18% |

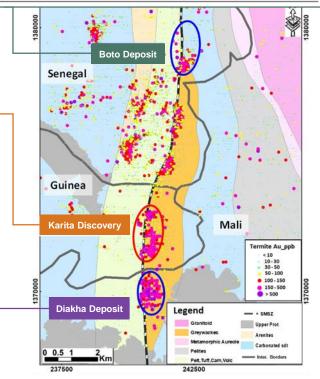
KARITA GOLD PROJECT, GUINEA

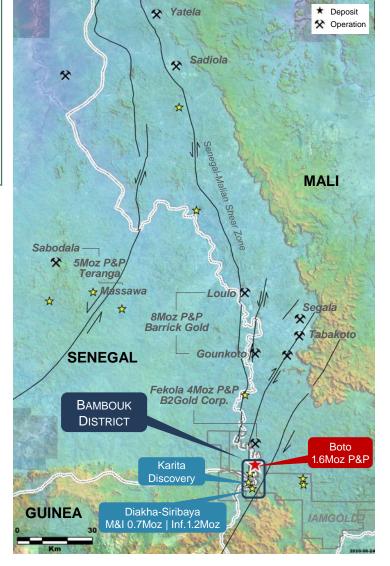
 Reported results from 2019 drilling program³, comprising 16 reverse circulation (RC) drill holes totaling 1,839 metres. Highlights included:

KRC19-006: 29.0 m grading 2.96 g/t Au KRC19-009: 16.0 m grading 3.17 g/t Au KRC19-011: 21.0 m grading 9.01 g/t Au

DIAKHA-SIRIBAYA GOLD PROJECT, MALI

 Resource ounces increased by 57%² with a significant conversion to indicated ounces. Converted >700 koz to Indicated category







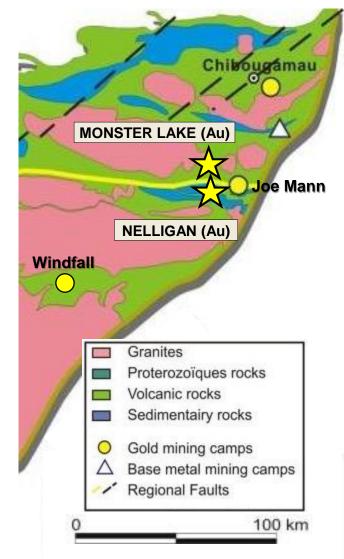
Chibougamau: Emerging Prospective District in Quebec, Canada

NELLIGAN (75% JV INTEREST)

- 15 kilometres south of Monster Lake
- Exercised option to increase undivided interest to 75% (from 51%), following completion of NI 43-101 Technical Report
- Completed initial resource estimate¹, comprising approximately 97 million tonnes grading 1.02 g/t Au for 3.2 million ounces, on a 100% basis
- Awarded 2019 AEMQ Discovery of the Year
- Recent drill highlights²:
 - 39.1 metres @ 2.14 g/t Au
 - 34.5 metres @ 1.85 g/t Au

MONSTER LAKE (100% INTEREST)

- Hosts an inferred resource¹ of 1.1 million tonnes grading 12.1 grams of gold per tonne for 433 thousand ounces
- Acquired remaining 25% held by TomaGold to hold 100% interest
- Recent drill highlights³:
 - 3.8 metres @ 16.9 g/t Au
 - 2.82 metres @ 5.63 g/t Au
 - 12.3 metres @ 2.09 g/t Au







IAMGOLD – Positioned for Profitable Growth





Appendix



Reducing Input Exposure Through Hedging

| | 2020 | 2021 | 2022 | 2023 |
|---|-------------|---------------|---------------|-------------|
| Foreign Currency ¹ | | | | |
| Canadian dollar contracts (millions of C\$) | 68 | 252 | 210 | 185 |
| Rate range ² (\$/C\$) | 1.30 – 1.40 | 1.30 – 1.47 | 1.30 – 1.48 | 1.30 – 1.46 |
| Commodities ^{1,3,4} | | | | |
| Brent oil contracts (barrels) | 144 | 588 | 520 | 170 |
| Contract price range (\$/barrel of crude oil) | 50 – 65 | 54 – 65 | 50 – 65 | 50 – 65 |
| WTI oil contracts (barrels, 000s) | 120 | 514 | 573 | 395 |
| Contract price range (\$/barrel of crude oil) | 43 – 60 | 34 – 62 | 38 – 62 | 40 – 60 |
| Gold bullion option contracts (ounces, 000s) | _ | 114 | 18 | _ |
| Contract price range (\$/ounce) | _ | 1,800 – 3,000 | 1,800 – 3,000 | _ |

During the third quarter 2020, IAMGOLD executed zero cost collar option contracts based on the West Texas Intermediate ("WTI") benchmark, in the range of \$33.80 to \$50.00 per barrel, from January 2021 to July 2023 to hedge attributable fuel consumption related to the Côté Gold Project. These contracts represent approximately 90% of anticipated attributable fuel consumption during construction. IAMGOLD also hedged C\$65 million of the Project's Canadian dollar exposure at an average forward contract rate of \$1.3604 from April 2023 to July 2023. These contracts represent approximately 6% of the attributable Canadian dollar capital expenditures on the Project.

Subsequent to the end of the third quarter 2020, IAMGOLD added to its gold hedge position for 2021 with a zero cost collar with strike prices of \$1,600 to \$2,505 per ounce on 28,000 ounces as well as a collar with strike prices of \$1,700 to \$2,800 per ounce on 50,040 ounces, for which a premium of \$1.3 million was paid.

⁴ The Company executed Gold collar options, which consist of Gold put and call options with strike prices within the given range in 2021 and 2022. The Company will incur a loss from the difference between a higher market price and the call strike price. The Company will recognize a gain



from the difference between a lower market price and the put strike price.

¹ The Company acted on its financial risk mitigation strategies by executing currency hedges and fuel hedges due to favourable market conditions relative to internal planning rates.

² The Company executed Canadian dollar collar options, which consist of Canadian dollar call and put options within the given range in 2020 through 2023. The Company will recognize a gain from the difference between a higher market price and the Canadian dollar call strike price. The Company will incur a loss from the difference between a higher market price and the Canadian dollar put strike price.

³ The Company executed Brent and WTI collar options, which consist of Brent and WTI put and call options with strike price. The Company will incur a loss from the difference between a lower market price and the put strike price. The Company will recognize a gain from the difference between a higher market price and the call strike price.

Reserves & Resources (Year-over-Year)

ATTRIBUTABLE CONTAINED GOLD (000S OZ)

As at December 31st, 2019

| | 2019 | Change | 2018 |
|---|--------|--------|--------|
| Proven and Probable Mineral Reserves ¹ | 16,706 | (6%) | 17,864 |
| Measured and Indicated Mineral Resources ^{2,3} | 27,164 | (2%) | 27,850 |
| Inferred Resources | 11,965 | 38% | 8,668 |

- Mineral reserves have been estimated at December 31, 2019 using a gold price of \$1,200 per ounce for the Company's owned and
 operated mines and development projects.
- Mineral resources have been estimated at December 31, 2019 using a gold price of \$1,500 per ounce for Essakane, Rosebel, and resource-stage projects and \$1,200 per ounce for Westwood.
- Sadiola reserves and resources have been estimated by our joint venture partner using \$1,200 per ounce and \$1,400 per ounce, respectively.

³ In mining operations, measured and indicated resources that are not mineral reserves are considered uneconomic at the price used for reserves estimations, but are deemed to have a reasonable prospect of economic extraction.



¹ Detail behind the gold price assumptions used to determine reserves and resources can be found in the Reserves and Resources section of the IAMGOLD MD&A.

² Measured and indicated gold resources are inclusive of reserves.

Gold Mineral Reserves

| 100% BASIS RESERVES | | Proven | | Probable | | | |
|------------------------------------|----------------------|-----------------------|-------------------------------|------------------|-----------------------|-------------------------------|--|
| As at December 31, 2019 | Tonnes (000s) | Grade (g/t) | Contained Ounces (000s) | Tonnes (000s) | Grade (g/t) | Contained Ounces (000s) | |
| Rosebel ¹ | 29,522 | 0.6 | 574 | 92,356 | 1.0 | 2,947 | |
| Saramacca ¹ | 111 | 0.5 | 2 | 26,090 | 1.8 | 1,531 | |
| Essakane ¹ | _ | <u>—</u> | _ | 124,713 | 1.0 | 3,805 | |
| Westwood ^{1,4} | 1,196 | 8.1 | 313 | 4,073 | 6.7 | 871 | |
| Sadiola ^{2,5} | _ | _ | _ | 59,751 | 2.0 | 3,860 | |
| Côté Gold ³ | 139,253 | 1.0 | 4,640 | 93,747 | 0.9 | 2,644 | |
| Boto Gold ¹ | _ | _ | _ | 29,040 | 1.7 | 1,593 | |
| Total proven reserves | 170,082 | 1.0 | 5,529 | | | | |
| Total probable reserves | | | | 429,770 | 1.3 | 17,251 | |
| Total proven and probable reserves | | | | 599,852 | 1.2 | 22,780 | |

¹ Rosebel, Saramacca, Essakane, Westwood and Boto Gold mineral reserves have been estimated as of December 31, 2019 using a \$1,200/oz gold price.

⁵ The Company completed the sale of Sadiola – please refer to IAMGOLD news release dated December 30, 2020.



² Mineral reserves at Sadiola have been estimated as of December 31, 2019 using an average of \$1,200/oz gold price and have been estimated in accordance with the JORC code.

³ Côté Gold Mineral Reserves have been estimated as of December 31, 2018 using a \$1,200/oz gold price.

⁴ The Company released an updated reserve and resource estimate for Westwood – please refer to IAMGOLD news release dated August 5, 2020.

Gold Mineral Reserves

| ATTRIBUTABLE RESERVES | | Proven | | Probable | | | | |
|------------------------------------|------------------|--------------------|-------------------------------|------------------|--------------------|-------------------------------|--|--|
| As at December 31, 2019 | Tonnes (000s) | Grade (g/t) | Contained Ounces (000s) | Tonnes (000s) | Grade (g/t) | Contained Ounces (000s) | | |
| Rosebel (95%) ¹ | 28,046 | 0.6 | 545 | 87,738 | 1.0 | 2,800 | | |
| Saramacca (66.5%) ¹ | 74 | 0.5 | 1 | 17,350 | 1.8 | 1,018 | | |
| Essakane (90%) ¹ | _ | <u>—</u> | | 112,242 | 1.0 | 3,425 | | |
| Westwood (100%) ^{1,4} | 1,196 | 8.1 | 313 | 4,073 | 6.7 | 871 | | |
| Sadiola (41%) ^{2,5} | _ | <u>—</u> | | 24,498 | 2.0 | 1,583 | | |
| Côté Gold (64.75%) ³ | 90,166 | 1.0 | 3,004 | 60,701 | 0.9 | 1,712 | | |
| Boto Gold (90%) ¹ | _ | <u>—</u> | _ | 26,136 | 1.7 | 1,434 | | |
| Total proven reserves | 119,482 | 1.0 | 3,864 | | | | | |
| Total probable reserves | | | | 332,738 | 1.2 | 12,842 | | |
| Total proven and probable reserves | | | | 452,220 | 1.1 | 16,706 | | |

¹ Rosebel, Saramacca, Essakane, Westwood and Boto Gold mineral reserves have been estimated as of December 31, 2019 using a \$1,200/oz gold price

⁵ The Company completed the sale of Sadiola - please refer to IAMGOLD news release dated December 30, 2020.



² Mineral reserves at Sadiola have been estimated as of December 31, 2019 using an average of \$1,200/oz gold price and have been estimated in accordance with the JORC code.

³ Côté Gold Mineral Reserves have been estimated as of December 31, 2018 using a \$1,200/oz gold price.

⁴ The Company released an updated reserve and resource estimate for Westwood – please refer to IAMGOLD news release dated August 5, 2020.

Gold Mineral Resources^{1,2}

(Measured and indicated resources are inclusive of proven and probable reserves)

| 100% BASIS RESOURCES | | Measured | | | Indicated | | | Inferred | |
|---|------------------|--------------------|-------------------------------|------------------|--------------------|-------------------------------|------------------|--------------------|-------------------------------|
| As at December 31, 2019 | Tonnes (000s) | Grade (g/t) | Contained Ounces (000s) | Tonnes (000s) | Grade (g/t) | Contained Ounces (000s) | Tonnes (000s) | Grade (g/t) | Contained Ounces (000s) |
| Rosebel ³ | 35,276 | 0.6 | 698 | 247,210 | 0.9 | 7,397 | 64,191 | 0.9 | 1,785 |
| Saramacca ³ | 111 | 0.5 | 2 | 27,509 | 2.0 | 1,752 | 11,689 | 0.7 | 270 |
| Essakane ³ | _ | | _ | 150,693 | 1.0 | 4,688 | 12,586 | 1.1 | 446 |
| Gossey ⁴ | _ | _ | _ | 10,454 | 0.9 | 291 | 2,939 | 0.9 | 85 |
| Westwood ^{5,9} | 925 | 12.1 | 359 | 4,133 | 8.3 | 1,108 | 6,174 | 8.6 | 1,698 |
| Sadiola ⁶ | _ | | _ | 113,725 | 1.9 | 6,793 | 17,643 | 1.7 | 956 |
| Côté Gold ³ | 152,100 | 1.0 | 4,720 | 213,400 | 0.8 | 5,480 | 189,600 | 0.6 | 3,820 |
| Boto Gold ³ | _ | <u> </u> | | 40,567 | 1.6 | 2,033 | 8,196 | 1.8 | 469 |
| Nelligan ³ | <u> </u> | _ | _ | _ | _ | <u> </u> | 96,990 | 1.0 | 3,194 |
| Monster Lake ⁴ | _ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | 1,110 | 12.1 | 433 |
| Eastern Borosi ⁷ | _ | _ | <u> </u> | _ | _ | <u> </u> | 4,418 | 5.7 | 812 |
| Pitangui ³ | _ | <u> </u> | | 3,330 | 4.4 | 470 | 3,559 | 3.8 | 433 |
| Diakha-Siribaya ⁴ | <u> </u> | _ | <u> </u> | 18,031 | 1.3 | 744 | 23,179 | 1.6 | 1,176 |
| Total measured resources | 188,412 | 1.0 | 5,779 | | | | | | |
| Total indicated resources | | | | 829,052 | 1.2 | 30,756 | | | |
| Total measured and indicated resources ^{1,2} | | | | 1,017,464 | 1.1 | 36,535 | | | |
| Total inferred resources ² | | | | | | | 442,273 | 1.1 | 15,577 |

¹ In mining operations, measured and indicated resources that are not mineral reserves are considered uneconomic at the price used for reserve estimations but are deemed to have a reasonable prospect of economic extraction.

⁹ The Company released an updated reserve and resource estimate for Westwood - please refer to IAMGOLD news release dated August 5, 2020.



² Although "measured resources", "indicated resources" and "inferred resources" are categories of mineralization that are recognized and required to be disclosed under Canadian regulations; SEC Industry Guide 7 does not recognize them. Disclosure of contained ounces is permitted under Canadian regulations; however, SEC Industry Guide 7 generally permits resources to be reported only as in place tonnage and grade. See "Cautionary Note to U.S. Investors Regarding Disclosure of Mineral Resource Estimates".

³ Rosebel, Saramacca, Essakane, Côté Gold, Boto Gold, Nelligan, and Pitangui mineral resources have been estimated as of December 31, 2019 using a \$1,500/oz gold price and have been estimated in accordance with NI 43-101.

⁴ Gossey, Monster Lake, and Diakha-Siribaya mineral resources have been estimated as of December 31, 2018 using a \$1,500/oz gold price and have been estimated in accordance with NI 43-101.

⁵ Westwood mineral resources have been estimated as of December 31, 2019 using a 5.5 g/t gold cut-off over a minimum width of 2.4 metres and have been estimated in accordance with NI 43-101.

⁶ Mineral resources at Sadiola have been estimated as of December 31, 2019 using an average of \$1,400/oz gold price and have been estimated in accordance with the JORC code. The Company completed the sale of Sadiola – please refer to IAMGOLD news release dated December 30, 2020. 7 Calibre Mining Corp. acquired 100% ownership of the Eastern Borosi project from IAMGOLD – please refer to Calibre Mining news release dated August 13, 2020.

⁸ Due to rounding, numbers presented throughout this document may not add up precisely to the totals.

Gold Mineral Resources^{1,2}

(Measured and indicated resources are inclusive of proven and probable reserves)

| ATTRIBUTABLE RESOURCES | Measured | | | | Indicated | | | Inferred | | |
|---|------------------|--------------------|-------------------------------|------------------|--------------------|-------------------------------|------------------|--------------------|-------------------------------|--|
| As at December 31, 2019 | Tonnes (000s) | Grade (g/t) | Contained Ounces (000s) | Tonnes (000s) | Grade (g/t) | Contained Ounces (000s) | Tonnes (000s) | Grade (g/t) | Contained Ounces (000s) | |
| Rosebel (95%) ³ | 33,512 | 0.6 | 663 | 234,850 | 0.9 | 7,027 | 60,981 | 0.9 | 1,696 | |
| Saramacca (66.5%) ³ | 74 | 0.5 | 1 | 18,293 | 2.0 | 1,165 | 7,773 | 0.7 | 180 | |
| Essakane (90%) ³ | _ | _ | _ | 135,624 | 1.0 | 4,219 | 11,327 | 1.1 | 401 | |
| Gossey (90%) ⁴ | _ | _ | _ | 9,409 | 0.9 | 262 | 2,645 | 0.9 | 77 | |
| Westwood (100%) ^{5,9} | 925 | 12.1 | 359 | 4,133 | 8.3 | 1,108 | 6,174 | 8.6 | 1,698 | |
| Sadiola (41%) ⁶ | _ | _ | _ | 46,627 | 1.9 | 2,785 | 7,233 | 1.7 | 392 | |
| Côté Gold (64.75%) 3 | 98,485 | 1.0 | 3,056 | 138,177 | 0.8 | 3,548 | 122,766 | 0.6 | 2,473 | |
| Boto Gold (90%) ³ | _ | _ | _ | 36,510 | 1.6 | 1,830 | 7,376 | 1.8 | 422 | |
| Nelligan (75%) ³ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | 72,743 | 1.0 | 2,396 | |
| Monster Lake (75%) ⁴ | _ | _ | _ | _ | _ | <u> </u> | 832 | 12.1 | 325 | |
| Eastern Borosi (51%) ⁷ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | 2,253 | 5.7 | 414 | |
| Pitangui (100%) ³ | _ | _ | _ | 3,330 | 4.4 | 470 | 3,559 | 3.8 | 433 | |
| Diakha-Siribaya (90%) ⁴ | _ | _ | _ | 16,228 | 1.3 | 669 | 20,861 | 1.6 | 1,058 | |
| Total measured resources | 132,996 | 1.0 | 4,080 | | | | | | | |
| Total indicated resources | | | | 643,180 | 1.1 | 23,084 | | | | |
| Total measured and indicated resources ^{1,2} | | | | 776,176 | 1.1 | 27,164 | | | | |
| Total inferred resources ² | | | | | | | 326,525 | 1.1 | 11,965 | |

¹ In mining operations, measured and indicated resources that are not mineral reserves are considered uneconomic at the price used for reserve estimations but are deemed to have a reasonable prospect of economic extraction.

⁹ The Company released an updated reserve and resource estimate for Westwood - please refer to IAMGOLD news release dated August 5, 2020.



² Although "measured resources", "indicated resources" and "inferred resources" are categories of mineralization that are recognized and required to be disclosed under Canadian regulations; SEC Industry Guide 7 does not recognize them. Disclosure of contained ounces is permitted under Canadian regulations; however, SEC Industry Guide 7 generally permits resources to be reported only as in place tonnage and grade. See "Cautionary Note to U.S. Investors Regarding Disclosure of Mineral Resource Estimates".

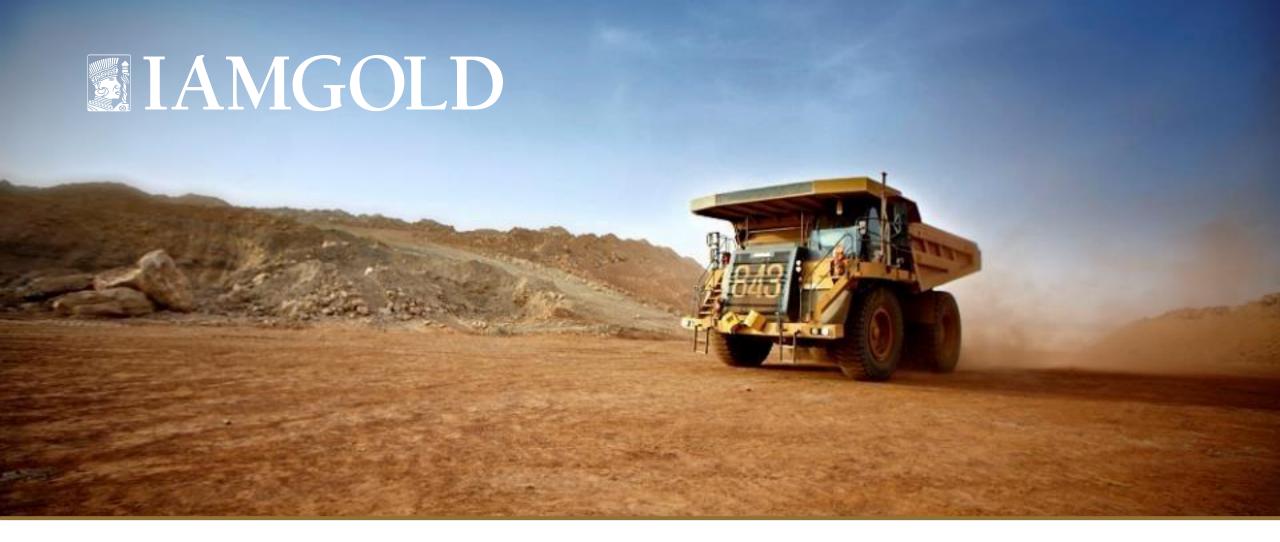
³ Rosebel, Saramacca, Essakane, Côté Gold, Boto Gold, Nelligan, and Pitangui mineral resources have been estimated as of December 31, 2019 using a \$1,500/oz gold price and have been estimated in accordance with NI 43-101.

⁴ Gossey, Monster Lake, and Diakha-Siribaya mineral resources have been estimated as of December 31, 2018 using a \$1,500/oz gold price and have been estimated in accordance with NI 43-101.

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⁸ Due to rounding, numbers presented throughout this document may not add up precisely to the totals.



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