



IAMGOLD



RBC Capital Markets Global Mining & Materials Conference

June 6-7, 2019

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, all-in sustaining costs, 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 estimation of mineral reserves and mineral resources, the realization of mineral reserve and mineral resource estimates, the timing and amount of estimated future production, costs of production, permitting timelines, currency fluctuations, requirements for additional capital, government regulation of mining operations, environmental risks, unanticipated reclamation expenses, title disputes or claims and limitations on insurance coverage. 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", "anticipate", "estimate", "believe", "intend", "plan", "schedule", "guidance", "outlook", "potential", "seek", "targets", "strategy", "superior" or "project" or the negative of these words or other variations on these words or comparable terminology. Forward-looking statements are necessarily based upon a number of estimates and assumptions that, while considered reasonable by management, are inherently subject to significant business, economic and competitive uncertainties and contingencies. 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 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; 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; the rights of counterparties to terminate 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. 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.

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.

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 Annual Information Form, filed with Canadian securities regulatory authorities 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 Annual Information Form (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.

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 except as required by applicable law.

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

Technical Information and Qualified Persons

The mineral resource estimates contained in this news release have been prepared in accordance with National Instrument 43-101 Standards of Disclosure for Mineral Projects ("NI 43-101"). The "Qualified Person" 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 "Qualified Person" 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 Qualified Person. The Qualified person has verified the data disclosed, and data underlying the information or opinions contained herein.

The technical information for Sadiola contained in this presentation has been prepared in accordance with National Instrument 43-101 Standards of Disclosure for Mineral Projects ("NI 43-101"). The "Qualified Person" responsible for the supervision of the preparation and review of all technical information for IAMGOLD is Philippe Gauthier, BSc. Mechanical Engineering and MSc Mechanical Engineering, the Director Development Projects for IAMGOLD. Philippe has worked as mechanical engineer for 28 years, mainly in mining and project development. He joined IAMGOLD in 2008 and acquired his knowledge of Sadiola through his work on the Infrastructure and Plant Engineering for an internal feasibility report in 2010, his work to update the documentation and engineering subsequent to that report and his most recent site visit on August 28, 2015. He is considered a "Qualified Person" for the purposes of NI 43-101 with respect to the technical information being reported on. The technical information has been included herein with the consent and prior review of the above noted Qualified Person. The Qualified person has read and verified the data disclosed, and data underlying the information or opinions contained herein.

Drilling results in this presentation have been prepared in accordance with National Instrument 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 "Qualified Person" 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 Qualified Person as defined by National Instrument 43-101.

Loma Larga - PEA Qualified Persons and NI 43-101 Disclosure The technical information in this presentation has been prepared by independent Qualified Persons employed by Roscoe Postle Associates Inc. ("RPA"), including Katharine Masun, P.Geo. (Mineral Resources), Jason Cox, P.Eng. (Mineral Reserves and economics), and Kathleen Altman, Ph.D., P.E. (metallurgy and processing). By virtue of education and relevant experience, the aforementioned are "Qualified Persons" for the purpose of NI 43-101.

For readers to fully understand the information in this presentation, they should read the Technical Report in its 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. 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 Mineral 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 March 1, 2016.

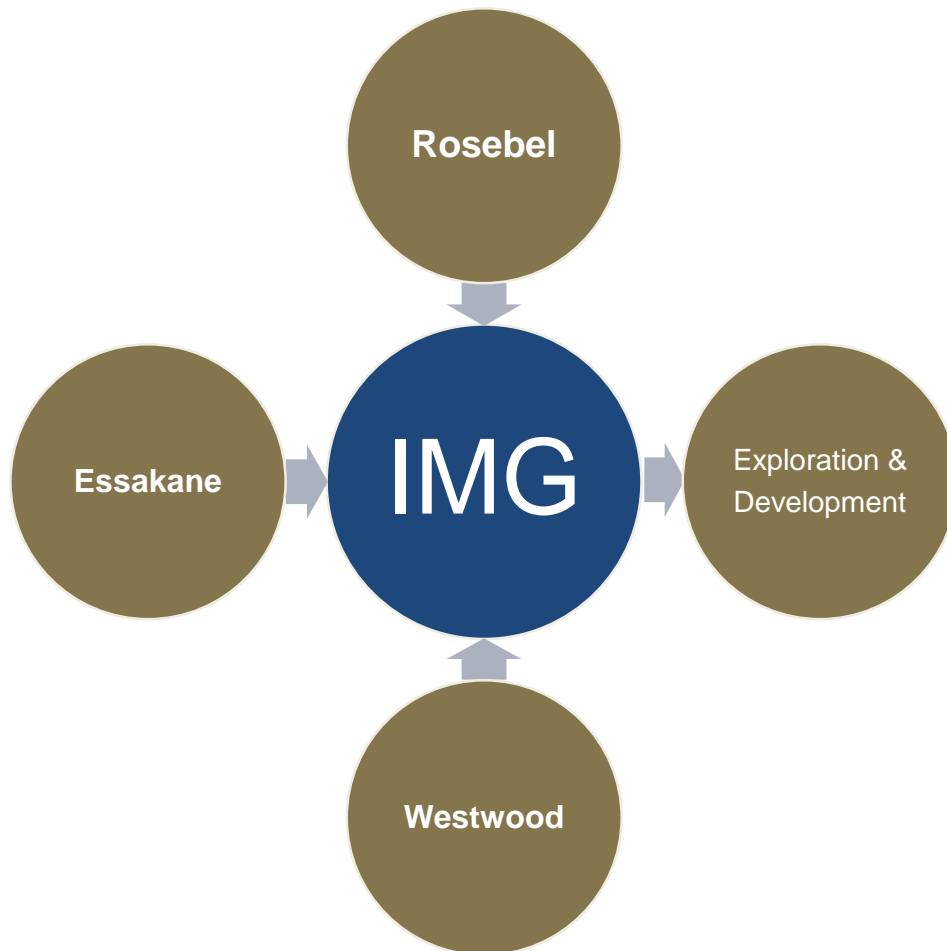
Cautionary Note to Investors Concerning Estimates of Measured and Indicated Resources

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.

Self-Funding Model



- Mine sites tasked with **standalone cash flow generation**.
- **Mine sites fund** corporate, exploration, and project requirements.
- We are initiating an **aggressive cost-cutting and productivity improvement strategy**.

Self-Funding, Self-Sustaining, Safe & Profitable

REINFORCING THE MODEL

- Operating cost management to achieve positive cash-flow;
- Capital expenditures reflect value-adding initiatives.

Operational improvements at our current sites:

- Debottleneck Essakane mill;
- Complete Essakane CIL and Heap Leach Feasibility Study;
- Continue Saramacca development;
- Redesign in progress at Westwood.

Disciplined approach to realizing value:

- Right-sizing Westwood;
- First production from Saramacca;
- Issue Nelligan Initial Resource Estimate;
- Work within budget for all development projects.

Our Operations



Essakane, Burkina Faso



Rosebel, Suriname



Westwood, Canada

Creating Superior Shareholder Value

WE ARE BUILDING STRONG CASH FLOWS THROUGH:

- **Operational improvements** at our current sites, and;
- **Disciplined approach** to realizing value.

Current Production Assets



Rosebel, Suriname



Essakane, Burkina Faso



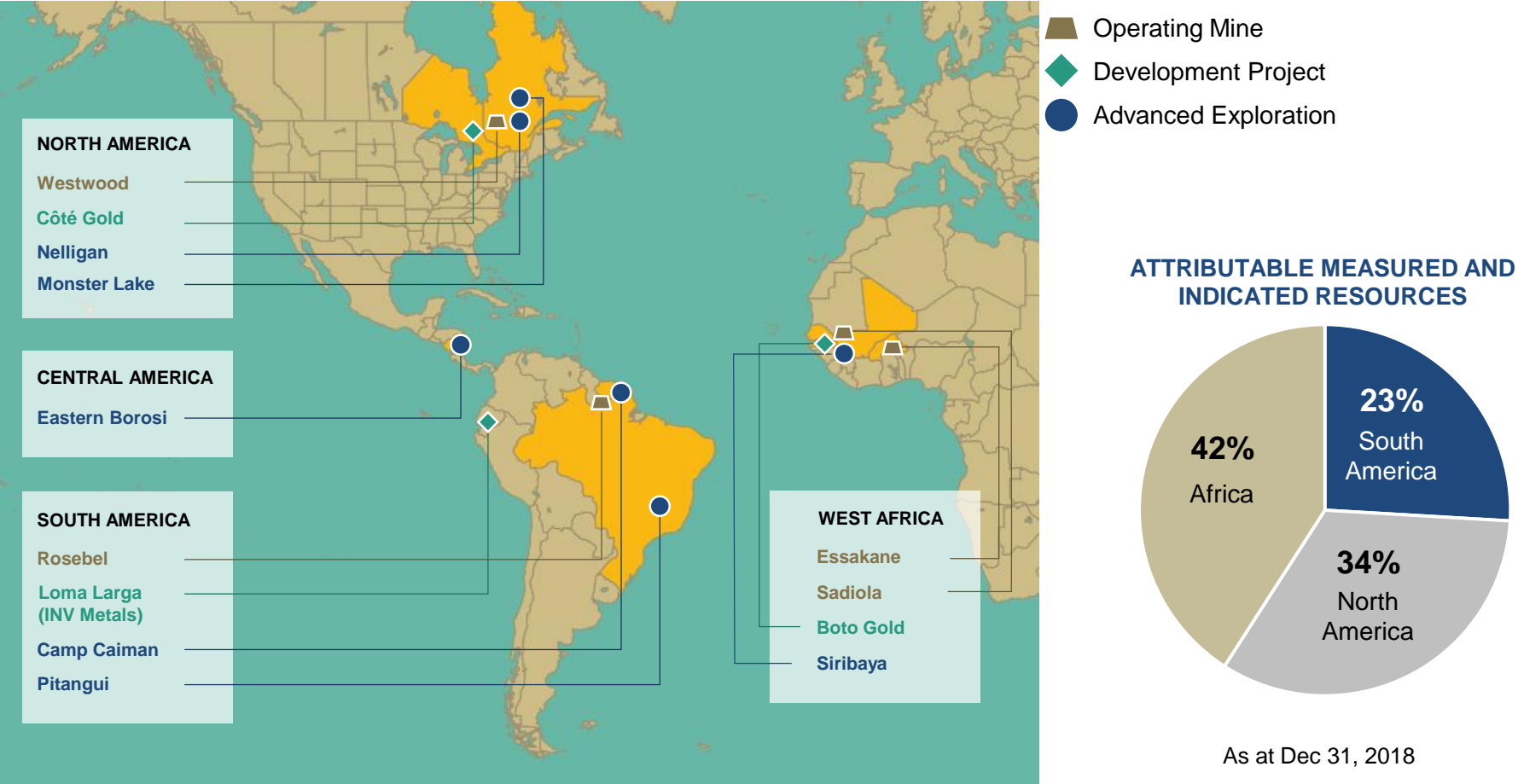
Westwood, Canada



Sadiola, Mali (JV Project)

Diversifying Our Portfolio

MAP OF OPERATING, DEVELOPMENT AND EXPLORATION PROJECTS



Maintaining a Strong Balance Sheet

| | |
|---------------------------|---------|
| Cash and cash equivalents | \$589 M |
|---------------------------|---------|

| | |
|------------------------|--------|
| Short-term investments | \$84 M |
|------------------------|--------|

| | |
|--|---------|
| Available credit facility ¹ | \$500 M |
|--|---------|

| | |
|------------------------|------------------|
| Total Liquidity | \$1,173 M |
|------------------------|------------------|

As at March 31, 2019

| | |
|---------------------------|------------------|
| Forward Sale Funds | + \$170 M |
|---------------------------|------------------|

Receipt: Dec. 2019

On January 15, 2019, IMG entered into a forward gold sale arrangement to receive \$170 M in exchange for delivering 150,000 ounces of gold in 2022².

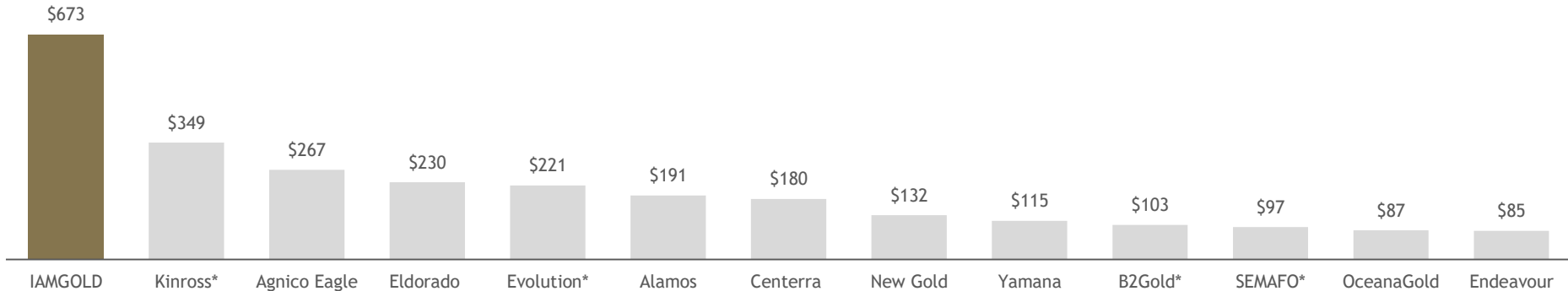
- Funding provided to IAMGOLD in December 2019
- Floor price of \$1,300 per ounce and cap price of \$1,500 per ounce
- Delivery can be made from the production of gold from any of IMG's operations
- Cost of arrangement is 5.38% per annum

¹ Refer to IAMGOLD news release dated November 15, 2018

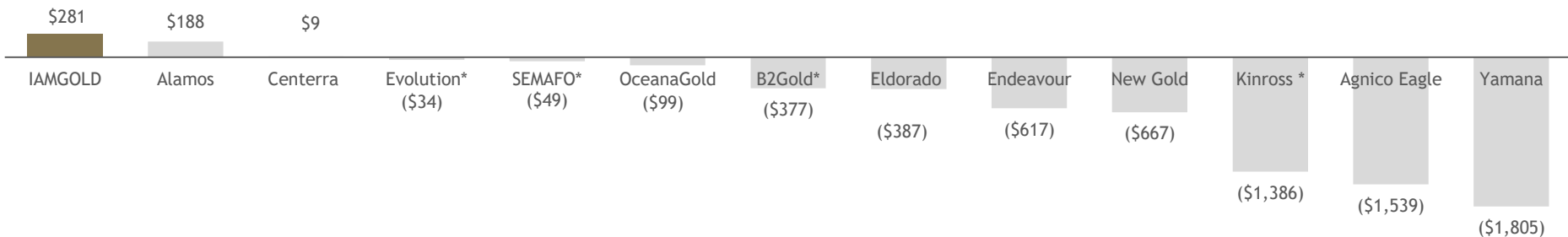
² Refer to IAMGOLD news release dated January 15, 2019

Industry Leading Financial Position

Cash & Cash Equivalents and Short-term Investments Position (US\$M)



Net Cash (Debt) Position (US\$M)

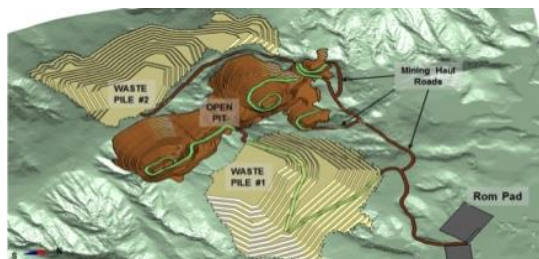


Source: Capital IQ

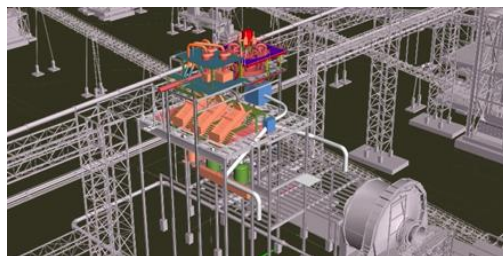
* Represents balance as of 12/31/2018.

Ensuring a Robust Pipeline

FUTURE PRODUCTION OPPORTUNITIES



Saramacca, Suriname



Mill Optimization, Burkina Faso



Côte Gold Project, Canada



Boto Gold Project, Senegal



Pitangui Project, Brazil



Loma Larga, Ecuador

GROWTH OPPORTUNITIES

Monster Lake Quebec

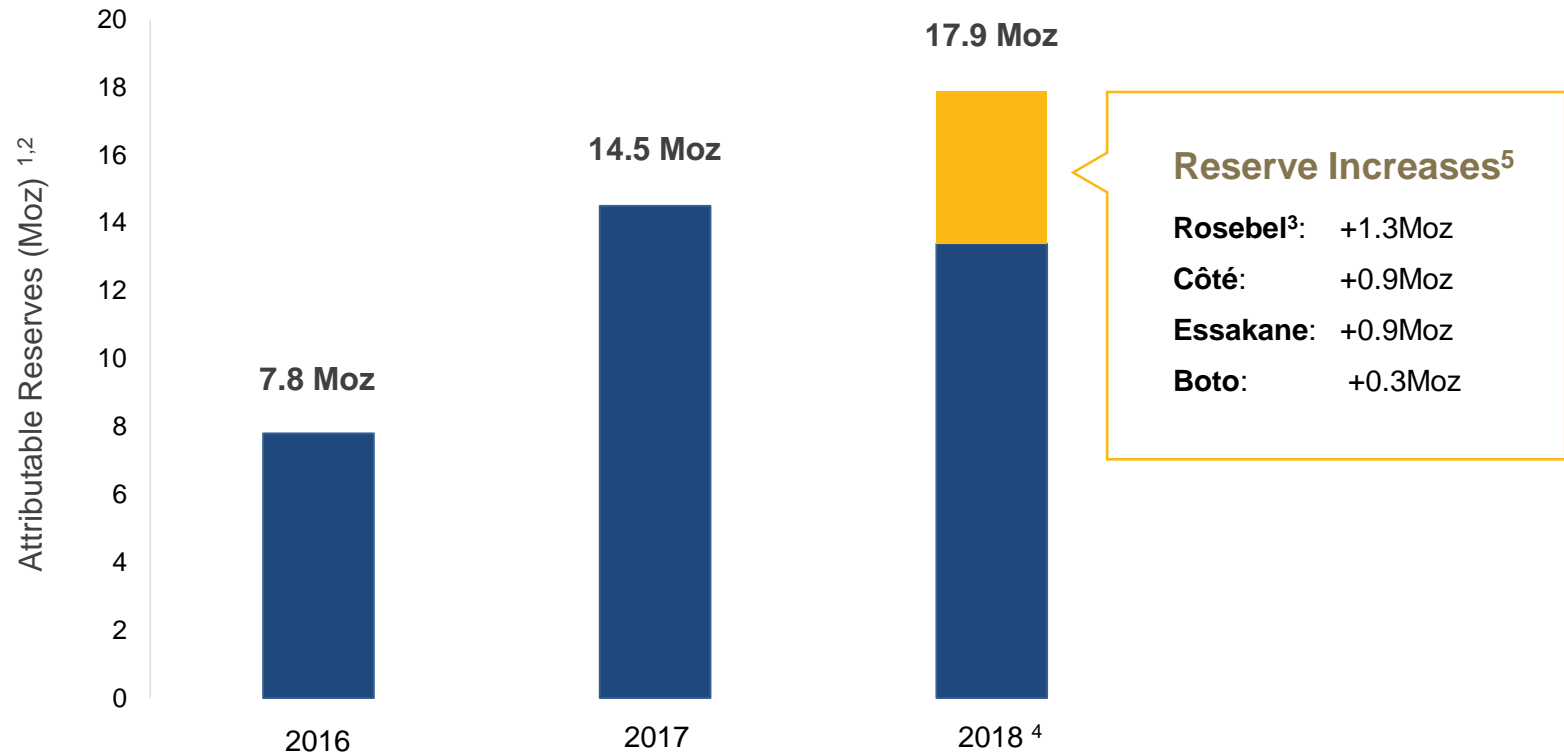
Nelligan Quebec

Camp Caiman French Guiana

Diakha-Siribaya Mali

Eastern Borosi Nicaragua

129% Increase in Reserves Since 2016



1 Mineral reserves have been estimated at December 31, 2017 and 2018 using a gold price of \$1,200 per ounce for owner operated mines and development projects and Sadiola

2 Mineral reserves have been estimated at December 31, 2016 using a gold price of \$1,200 per ounce for owner-operated mines and development projects, and \$1,100 per ounce for Sadiola

3 Includes Saramacca deposit

4 Refer to IAMGOLD news release dated February 12, 2019

5 Net of depletion

*Reserve numbers included on this slide have been rounded

Near Term Catalysts

H1 2019

✓ \$170 Million Gold Prepay Agreement

✓ Diahka-Siribaya Updated Resource

Essakane CIL and Heap Leach Feasibility Study

H2 2019

Saramacca Production

Expect delivery of Boto Mining Permit

Nelligan Initial Resource

Westwood Plan Update

2020

Saramacca Full Production

Essakane Debottleneck (13.5Mtpa)

Leveraging Existing Asset Base



Rosebel Gold Mine, Suriname



Rosebel – Overview

OVERVIEW

| | |
|--------------------------|---|
| Ownership | <ul style="list-style-type: none">95% IAMGOLD, 5% Government of Suriname |
| Mining Method | <ul style="list-style-type: none">Conventional open pit methods |
| Production Status | <ul style="list-style-type: none">Began commercial production in 2004 |
| LOM | <ul style="list-style-type: none">Updated 43-101 disclosed Q3 2018 with mine life to 2033, including Saramacca |
| 2019 Guidance | <ul style="list-style-type: none">315 – 330 koz\$70mm sustaining capex\$75mm non-sustaining capex |

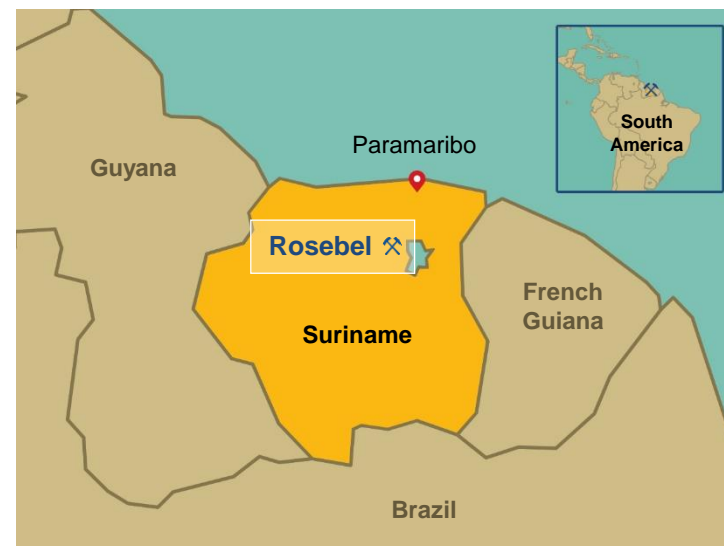
KEY INITIATIVES

To improve mined volumes, recoveries, communiton, productivity and safety performance.

Increased Reserves & Resources

- Rosebel's 39% increase in reserves extends mine life to 2033 including Saramacca

Brokopondo district in north eastern Suriname



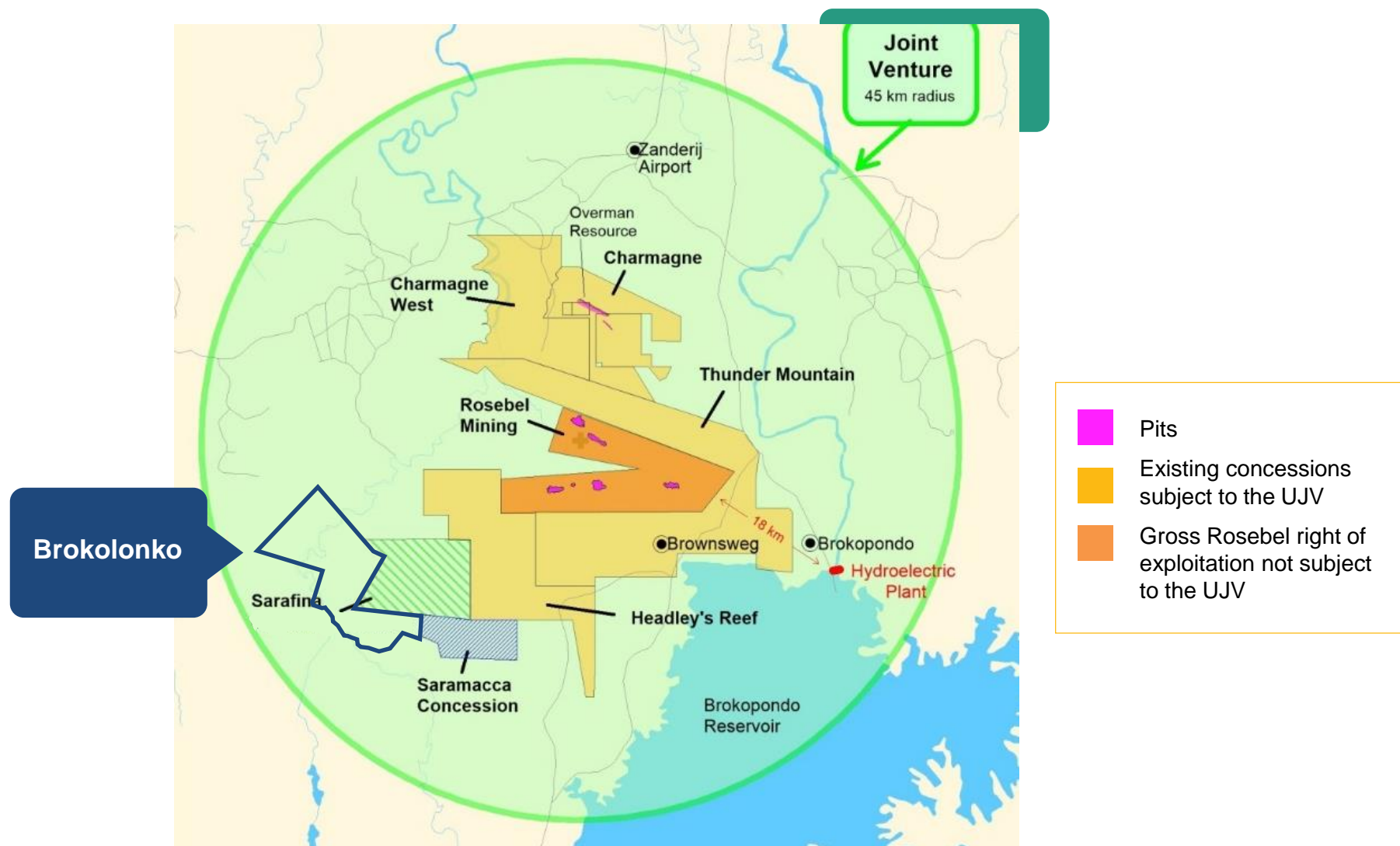
Saramacca Development

- ESIA and mining permits granted
- First production in H2 2019
- Pit optimization and underground being studied

Consolidating Prospective Land Packages

- Secured exploration rights to the Brokolonko property

Rosebel – Consolidating a Gold District



Saramacca Progress: Roadwork



Essakane Gold Mine, Burkina Faso



Essakane – Overview

OVERVIEW

| | |
|--------------------------|--|
| Ownership | <ul style="list-style-type: none"> 90% IAMGOLD, 10% Government of Burkina Faso |
| Mining Method | <ul style="list-style-type: none"> Conventional drill, blast, load and haul surface mining method |
| Production Status | <ul style="list-style-type: none"> 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 12.0 Mtpa Falagountou satellite deposit mining commenced in 2015 |
| LOM | <ul style="list-style-type: none"> 2018 LOM, with Heap Leach in series demonstrate life to 2030 |
| 2019 Guidance | <ul style="list-style-type: none"> 375 – 390koz \$55mm sustaining capex \$70mm non-sustaining capex |

KEY INITIATIVES

CIL (carbon-in-leach) Debottlenecking

- Improve throughput and gravity recovery
- ~10% Increase in CIL Mill throughput on hard rock 2020+

Falagountou & Satellite Prospects

- Growing 4 satellite prospects within 10–15 km of mill
- Gossey initial attributable resource of 338 koz¹

¹ Refer to IAMGOLD news release dated Feb 19, 2019

North-eastern Burkina Faso, West Africa



Heap Leaching

- Heap Leach at end of mine life, after CIL
- Will use existing CIL crushing circuit
- Expect to complete Feasibility Study in Q2'19
- Potential to transform Essakane with additional 3–5 years of mine life

Essakane – Regional Exploration Targets

BROWNFIELD SUCCESS

- ~1 Moz of resources delineated at Falagountou West and East, 8 kilometres east of Essakane; evaluating potential to increase resources at both deposits
- During Q4'18, completed approximately 4.2km RC and diamond drilling on the mine lease and surrounding concessions

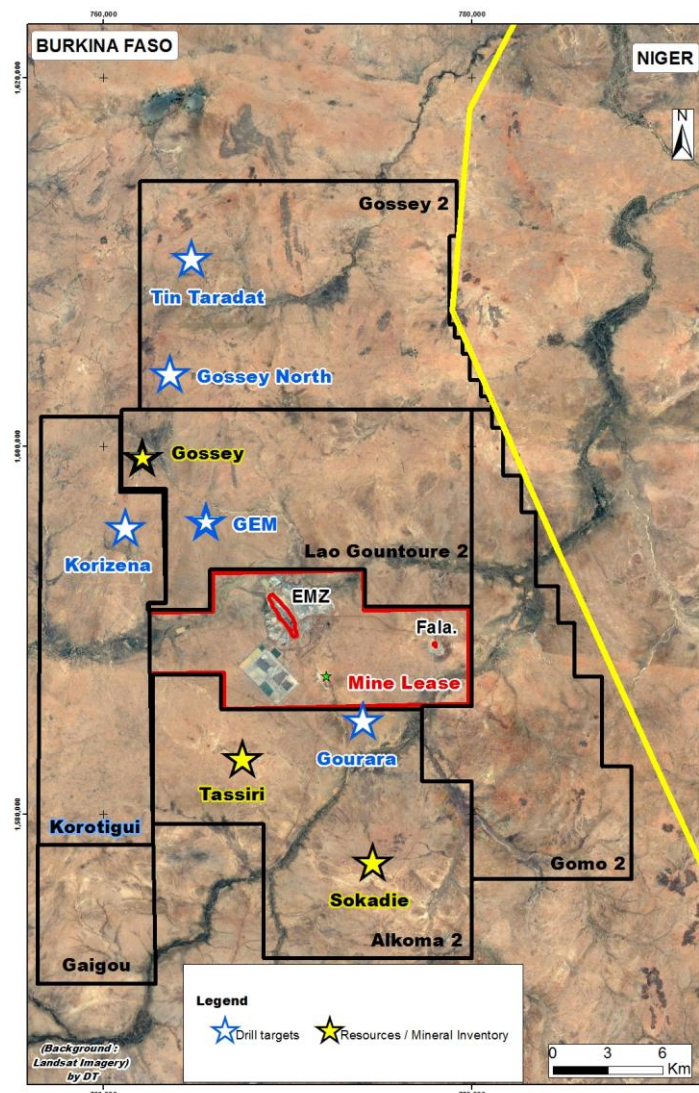
GOSSEY DELINEATION DRILLING PROGRAM

- Initial Resource Estimate¹ with over 70% of the delineated resources contained within shallow, soft, saprolite and transition hosted mineralization:
- 10.5 Mt of Indicated Resources grading 0.87 g/t for 291koz
- 2.9 Mt of Inferred Resources averaging 0.91 g/t for 85koz

2018 EXPLORATION PROGRAM

- Gossey-Korizena trend +20 km, anomaly adjacent to Markoye shear
 - › Numerous artisanal sites, encouraging RC drill results
- Continued exploration along trend of other regional targets:
 - › Tin Taradat | Gourara | Tassiri | Sokadie

¹ Refer to IAMGOLD news release dated Dec 12, 2018



Westwood Gold Mine, Canada



Westwood – Overview

OVERVIEW

| | |
|--------------------------|--|
| Ownership | <ul style="list-style-type: none"> 100% IAMGOLD |
| Mining Method | <ul style="list-style-type: none"> Underground |
| Production Status | <ul style="list-style-type: none"> Commenced commercial production July 2014 Progressing development |
| LOM | <ul style="list-style-type: none"> Mine life to 2033 |
| 2019 Guidance | <ul style="list-style-type: none"> 100 – 120koz \$15mm sustaining capex \$30mm non-sustaining capex |

KEY INITIATIVES

Progressing Development

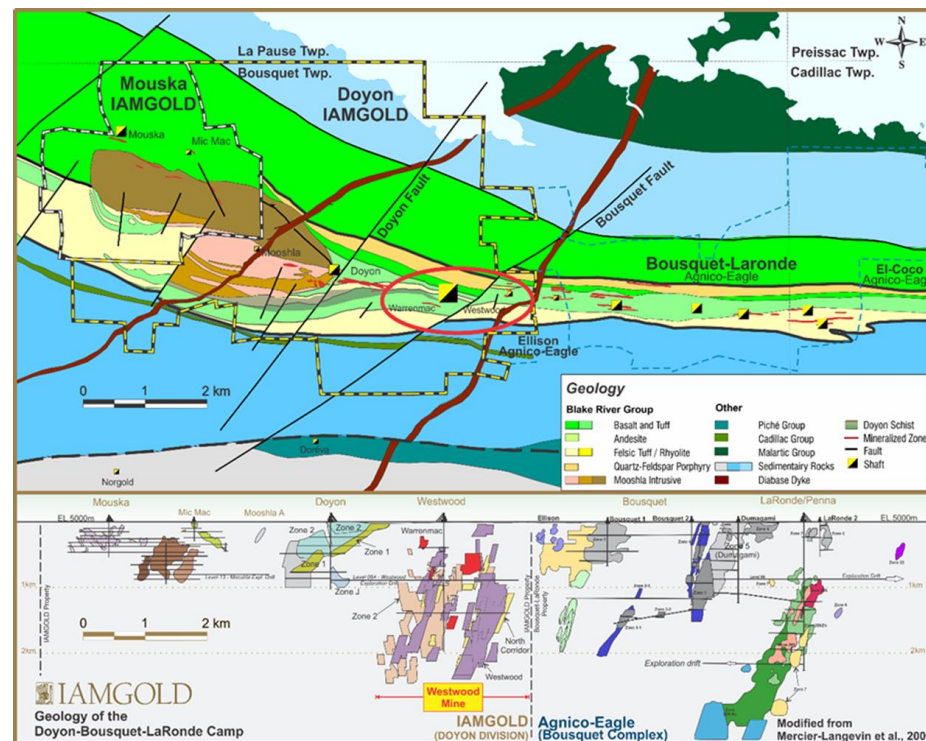
- Plan under review

Significant Resource Conversion Year over Year

- Reserves increased by 3% year-over-year to 1.2Moz¹

¹ Refer to news release dated Feb 19, 2019

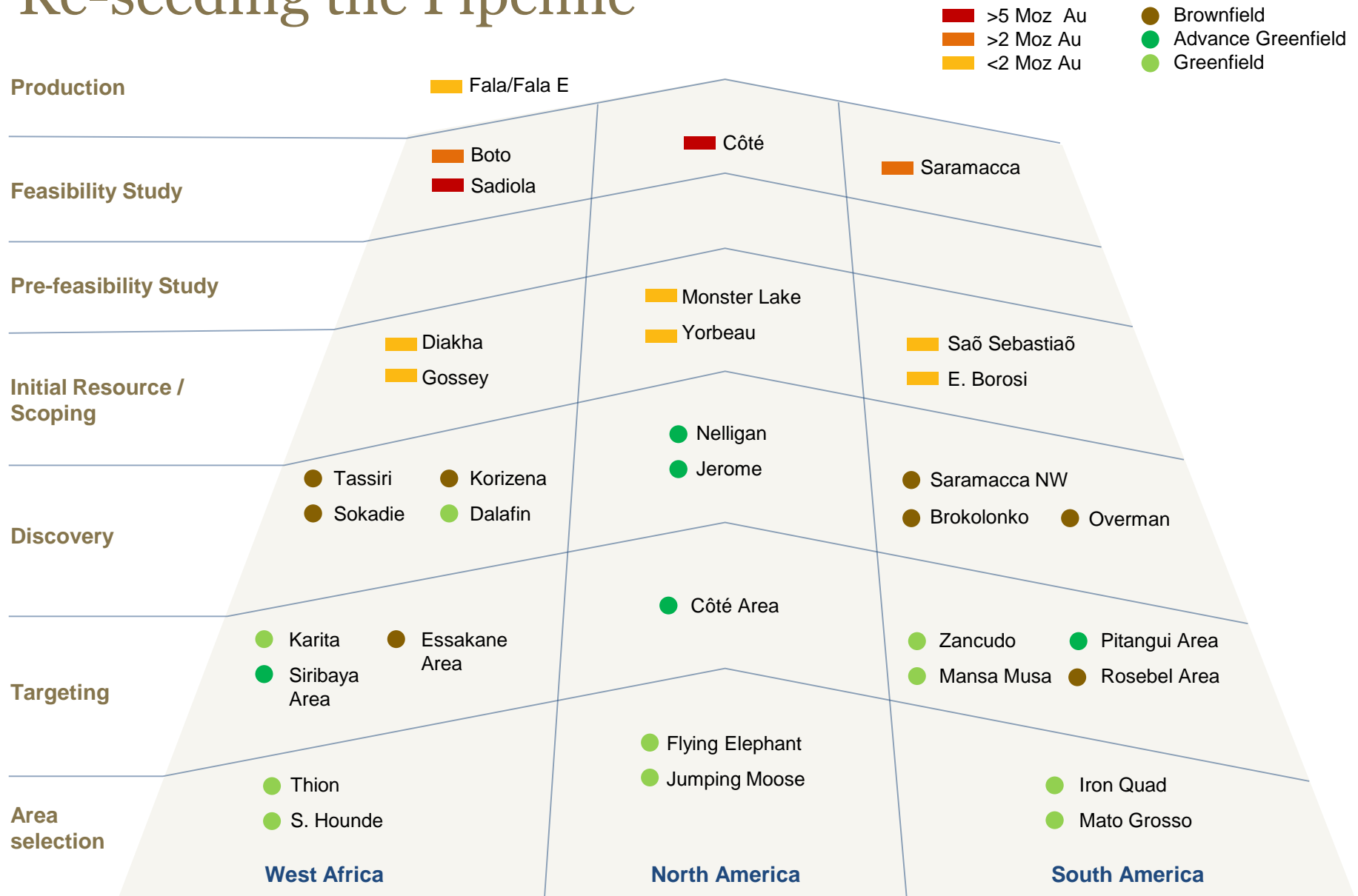
Northwestern Québec – A Prolific Gold Mining Camp



Strategic Review Study

- Geotechnical management plan implemented
- Improved micro-seismic system
- Improved ground control packages

Re-seeding the Pipeline



IAMGOLD: Building a Cash Flow Pipeline

Our vision is to be the global leader in generating superior value for our stakeholders through accountable mining.



Development Projects



Côte Gold Project Ontario (64.75%)

OVERVIEW

| | |
|-----------------------|---|
| Location | <ul style="list-style-type: none"> Gogama, Ontario, 130 km southwest of Timmins; 200 km northwest of Sudbury Land package covering 500 km² |
| Ownership | <ul style="list-style-type: none"> 70% IAMGOLD / 30% Sumitomo JV |
| Infrastructure | <ul style="list-style-type: none"> 6km off of a major highway Close to two main rail lines Existing power supply within 45 km of site |



¹ Refer to news release dated November 1, 2018

FEASIBILITY STUDY HIGHLIGHTS¹

| | |
|---|--------------------------|
| Mining: open pit | Mine Capacity: 62 Mtpa |
| Process: crush, grind, gravity, leach, CIP | Mill Capacity: 13.1 Mtpa |
| Mill Daily Throughput | 36,000 tpd |
| LOM Average Annual Gold Production | 367,000 oz |
| LOM Recovered Gold | 5.9 Moz |
| LOM Average Recovery Rate | 91.8% |
| Mine Life | 16 years |
| LOM Average Total Cash Costs | \$594/oz |
| LOM Average AISC | \$694/oz |
| Average Grade | 0.98 g/t Au |
| Average LOM Strip Ratio | 2.4:1 |

Estimated capital expenditure

| | |
|---------------------------|-----------------|
| Initial Capital | \$1,147 million |
| Sustaining Capital | \$527 million |

Investment metrics

| | |
|------------------------------|---------------|
| Gold Price Assumption | \$1,250/oz |
| After-tax NPV (6%) | \$795 million |
| After-tax IRR | 15.2% |
| Payback Period | 4.4 years |

Boto Gold Senegal (90%)

OVERVIEW

| | |
|------------------|--|
| Location | <ul style="list-style-type: none"> Senegal, West Africa Along same trend as B2Gold's Fekola Mine in Mali |
| Ownership | <ul style="list-style-type: none"> 90% IAMGOLD / 10% Government of Senegal |

RESERVE AND RESOURCE (100% Basis)

| | Tonnes (000) | Grade (g/t) | Contained ounces (000 Au) |
|---|-----------------|----------------|---------------------------------|
| Probable Reserves¹ | 35,060 | 1.71 | 1,926 |
| Measured & Indicated^{1,2} | 48,045 | 1.61 | 2,487 |
| Inferred¹ | 2,483 | 1.80 | 144 |

¹ Refer to news release dated February 19, 2019

² Inclusive of Reserves

³ Refer to news release dated Oct 22, 2018

FEASIBILITY STUDY HIGHLIGHTS³

| | |
|---|--------------------------|
| Mining: open pit | Mine Capacity: 18.2 Mtpa |
| Process: crush, grind, leach, CIP | Mill Capacity: 2.75 Mtpa |
| Mill Daily Throughput | 7,500 tpd |
| LOM Average Annual Gold Production | 140,000 oz |
| LOM Recovered Gold | 1.7 Moz |
| LOM Average Recovery Rate | 89.5% |
| Mine Life | 12.8 years |
| LOM Average Total Cash Costs | \$714/oz |
| LOM Average AISC | \$753/oz |
| Average Grade | 1.71 g/t Au |
| Average LOM Strip Ratio | 5.8:1 |
| Estimated capital expenditure | |
| Initial Capital | \$254 million |
| Sustaining Capital | \$66 million |
| Investment metrics | |
| Gold Price Assumption | \$1,250/oz |
| After-tax NPV (6%) | \$261 million |
| After-tax IRR | 23.0% |
| Payback Period | 3.4 years |

2018 Mineral Reserves and Resources

2018 Mineral Reserves and Resources

Mineral resources (“resources”) and mineral reserves (“reserves”) have been estimated as at December 31, 2018 pursuant to Canadian securities regulatory requirements, specifically the requirements of National Instrument 43-101 and the definitions of resources and reserves incorporated therein. Consistent with National Instrument 43-101, resources are divided into “inferred,” “indicated” and “measured” based on the level of geological confidence in the mineralization, and reserves, into “probable” and “proven” upon at least a pre-feasibility study having been undertaken on the indicated and measured resources. Measured and indicated resources are inclusive of proven and probable reserves. Mineral resources that are not mineral reserves do not have demonstrated economic viability and are not guaranteed to have economic viability. Inferred resources are too speculative geologically to have any economic considerations applied to them that would allow a translation into reserves.

Cautionary Notes to U.S. Investors

The United States Securities and Exchange Commission (“SEC”) limits disclosure for U.S. reporting purposes to mineral deposits that a company can economically and legally extract or produce. IAMGOLD uses certain terms in the Annual Report, such as “measured,” “indicated,” or “inferred,” which may not be consistent with the reserve definitions established by the SEC. U.S. investors are urged to consider closely the disclosure in the IAMGOLD Annual Reports on Forms 40-F filed with the SEC.

Gold Mineral Reserves¹

100% BASIS RESERVES

| As at December 31, 2018 | Proven | | | Probable | | |
|---|------------------|----------------|-------------------------------|------------------|----------------|-------------------------------|
| | Tonnes (000s) | Grade (g/t) | Contained Ounces (000s) | Tonnes (000s) | Grade (g/t) | Contained Ounces (000s) |
| Rosebel | 29,776 | 0.6 | 587 | 100,583 | 1.0 | 3,208 |
| Saramacca | — | — | — | 26,549 | 1.8 | 1,542 |
| Essakane | — | — | — | 148,812 | 0.9 | 4,380 |
| Westwood | 1,317 | 7.9 | 336 | 3,627 | 7.5 | 875 |
| Sadiola | 118 | 1.7 | 6 | 63,674 | 1.9 | 3,971 |
| Côte Gold | 139,253 | 1.0 | 4,640 | 93,747 | 0.9 | 2,644 |
| Boto Gold | — | — | — | 35,060 | 1.7 | 1,926 |
| Total proven reserves | | | | 170,464 | 1.0 | 5,569 |
| Total probable reserves | | | | 472,052 | 1.2 | 18,546 |
| Total proven and probable reserves | | | | 642,516 | 1.2 | 24,116 |

¹ Mineral reserves have been estimated at December 31, 2018 using a gold price of \$1,200 per ounce for Essakane, Rosebel, Westwood, Sadiola, Côte Gold Project and Boto Gold Project.

Gold Mineral Reserves¹

ATTRIBUTABLE RESERVES

| As at December 31, 2018 | Proven | | | Probable | | |
|---|------------------|----------------|-------------------------------|------------------|----------------|-------------------------------|
| | Tonnes (000s) | Grade (g/t) | Contained Ounces (000s) | Tonnes (000s) | Grade (g/t) | Contained Ounces (000s) |
| Rosebel (95%) | 28,287 | 0.6 | 558 | 95,554 | 1.0 | 3,048 |
| Saramacca (66.5%) | — | — | — | 17,655 | 1.8 | 1,025 |
| Essakane (90%) | — | — | — | 133,931 | 0.9 | 3,942 |
| Westwood (100%) | 1,317 | 7.9 | 336 | 3,627 | 7.5 | 875 |
| Sadiola (41%) | 48 | 1.7 | 3 | 26,106 | 1.9 | 1,628 |
| Côté Gold (64.75%) | 90,166 | 1.0 | 3,004 | 60,701 | 0.9 | 1,712 |
| Boto Gold (100%) | — | — | — | 31,554 | 1.7 | 1,733 |
| Total proven reserves | | | | 119,819 | 1.0 | 3,901 |
| Total probable reserves | | | | 369,128 | 1.2 | 13,964 |
| Total proven and probable reserves | | | | 488,947 | 1.1 | 17,864 |

¹ Mineral reserves have been estimated at December 31, 2018 using a gold price of \$1,200 per ounce for Essakane, Rosebel, Westwood, Sadiola, Côté Gold Project and Boto Gold Project.

Gold Mineral Resources^{1,2}

(Measured and Indicated Resources are Inclusive of Proven and Probable Reserves)

100% BASIS RESOURCES

| As at December 31, 2018 | Measured | | | Indicated | | | Inferred | | |
|---|------------------|----------------|-------------------------------|------------------|----------------|-------------------------------|------------------|----------------|-------------------------------|
| | 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 | 35,645 | 0.6 | 771 | 256,835 | 0.9 | 7,683 | 64,770 | 0.9 | 1,793 |
| Saramacca | — | — | — | 27,938 | 2.0 | 1,763 | 11,825 | 0.7 | 273 |
| Essakane | — | — | — | 173,041 | 1.0 | 5,287 | 13,811 | 1.1 | 470 |
| Gossey | — | — | — | 10,454 | 0.9 | 291 | 2,939 | 0.9 | 85 |
| Westwood | 1,007 | 11.9 | 385 | 3,169 | 10.8 | 1,101 | 5,494 | 9.5 | 1,680 |
| Sadiola | 118 | 1.7 | 6 | 117,647 | 1.8 | 6,904 | 17,643 | 1.7 | 956 |
| Côte Gold | 171,900 | 1.0 | 5,310 | 183,500 | 0.8 | 4,660 | 112,800 | 0.7 | 2,430 |
| Boto Gold | — | — | — | 48,045 | 1.6 | 2,487 | 2,483 | 1.8 | 144 |
| Monster Lake | — | — | — | — | — | — | 1,110 | 12.1 | 433 |
| Eastern Borosi | — | — | — | — | — | — | 4,418 | 5.7 | 812 |
| Pitangui | — | — | — | — | — | — | 5,365 | 4.7 | 819 |
| Diakha-Siribaya | — | — | — | 18,031 | 1.3 | 744 | 23,179 | 1.6 | 1,176 |
| Total measured resources | | | | | | | 208,670 | 1.0 | 6,412 |
| Total indicated resources | | | | | | | 838,660 | 1.1 | 30,920 |
| Total measured and indicated resources³ | | | | | | | 1,047,330 | 1.1 | 37,333 |
| Total inferred resources | | | | | | | 265,837 | 1.3 | 11,071 |

1 Mineral resources have been estimated at December 31, 2018, using a gold price of \$1,500 per ounce for Essakane, Rosebel, Côte Gold, Boto Gold, Saramacca, Gossey, Monster Lake, Pitangui, and Diakha-Siribaya, \$1,400 per ounce for Sadiola, and \$1,200 per ounce using a 6.0 g/t Au cut-off over a minimum width of 2 metres for Westwood.

2 Mineral resources have been estimated at December 31, 2018, using a gold price of \$1,500 per ounce gold price, and a \$23 per ounce silver price for Eastern Borosi. Underground resources are estimating using a cut-off grade of 2.0 g/t gold equivalent with

a minimum width of 2.4 m and open pit resources are estimated using a cut-off grade of 0.42 g/t gold equivalent over a 3.0 m minimum width. Resources are disclosed as gold equivalent ounces calculated using the formula: $AuEq (g/t) = Au (g/t) + Ag (g/t) / 101.8$

3 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.

4 Due to rounding, numbers presented 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

| As at December 31, 2018 | Measured | | | Indicated | | | Inferred | | |
|---|------------------|----------------|-------------------------------|------------------|----------------|-------------------------------|------------------|----------------|-------------------------------|
| | 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%) | 33,863 | 0.6 | 675 | 243,993 | 0.9 | 7,299 | 61,532 | 0.9 | 1,703 |
| Saramacca (66.5%) | — | — | — | 18,579 | 2.0 | 1,172 | 7,864 | 0.7 | 182 |
| Essakane (90%) | — | — | — | 155,737 | 1.0 | 4,759 | 12,430 | 1.1 | 423 |
| Gossey (90%) | — | — | — | 9,409 | 0.9 | 262 | 2,645 | 0.9 | 77 |
| Westwood (100%) | 1,007 | 11.9 | 385 | 3,169 | 10.8 | 1,101 | 5,494 | 9.5 | 1,680 |
| Sadiola (41%) | 48 | 1.7 | 3 | 48,235 | 1.8 | 2,831 | 7,234 | 1.7 | 392 |
| Côte Gold (64.75%) | 111,305 | 1.0 | 3,438 | 118,816 | 0.8 | 3,017 | 73,038 | 0.7 | 1,573 |
| Boto Gold (90%) | — | — | — | 43,241 | 1.6 | 2,238 | 2,235 | 1.8 | 130 |
| Monster Lake (50%) | — | — | — | — | — | — | 555 | 12.1 | 217 |
| Eastern Borosi (51%) | — | — | — | — | — | — | 2,253 | 5.7 | 414 |
| Pitangui (100%) | — | — | — | — | — | — | 5,365 | 4.7 | 819 |
| Diakha-Siribaya (90%) | — | — | — | 16,228 | 1.3 | 669 | 20,861 | 1.6 | 1,058 |
| Total measured resources | | | | | | | 146,223 | 1.0 | 4,501 |
| Total indicated resources | | | | | | | 657,407 | 1.1 | 23,349 |
| Total measured and indicated resources³ | | | | | | | 803,630 | 1.1 | 27,850 |
| Total inferred resources | | | | | | | 201,505 | 1.3 | 8,668 |

1 Mineral resources have been estimated at December 31, 2018, using a gold price of \$1,500 per ounce for Essakane, Rosebel, Côte Gold, Boto Gold, Saramacca, Gossey, Monster Lake, Pitangui, and Diakha-Siribaya, \$1,400 per ounce for Sadiola, and \$1,200 per ounce using a 6.0 g/t Au cut-off over a minimum width of 2 metres for Westwood.

2 Mineral resources have been estimated at December 31, 2018, using a gold price of \$1,500 per ounce gold price, and a \$23 per ounce silver price for Eastern Borosi. Underground resources are estimating using a cut-off grade of 2.0 g/t gold equivalent with

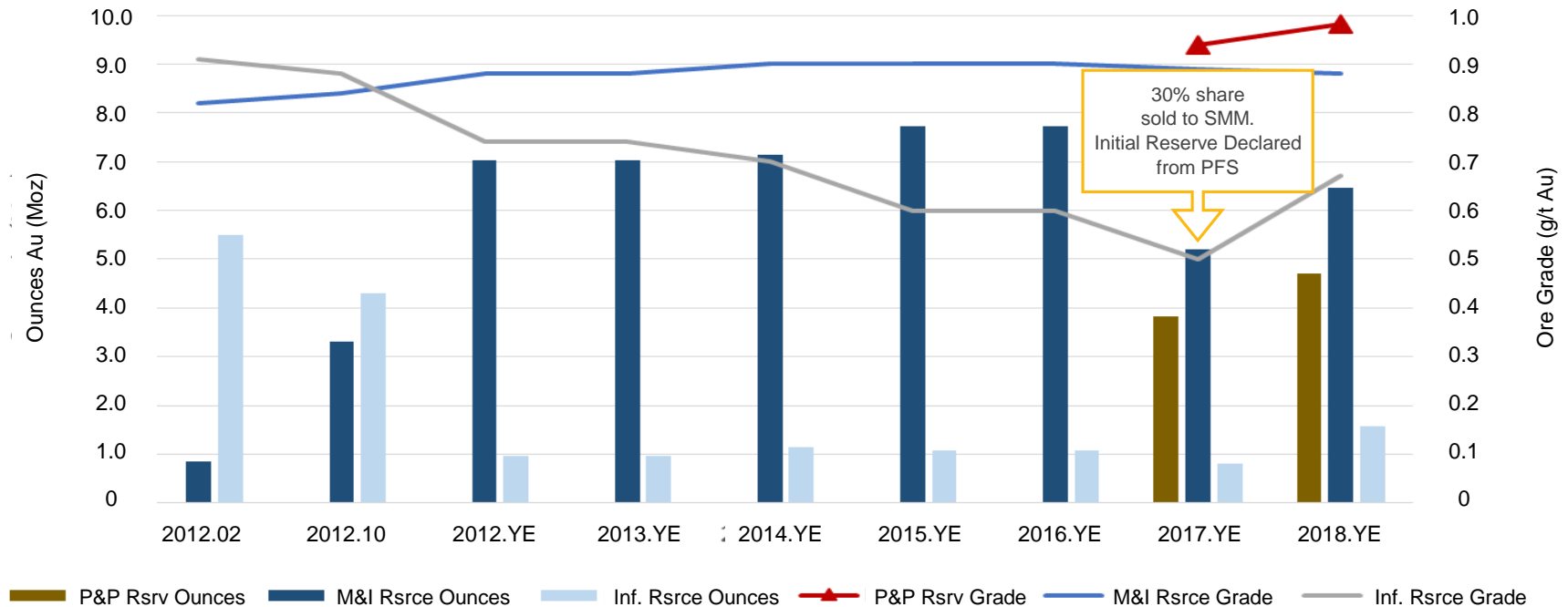
a minimum width of 2.4 m and open pit resources are estimated using a cut-off grade of 0.42 g/t gold equivalent over a 3.0 m minimum width. Resources are disclosed as gold equivalent ounces calculated using the formula: $AuEq (g/t) = Au (g/t) + Ag (g/t) / 101.8$

3 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.

4 Due to rounding, numbers presented may not add up precisely to the totals.

Côte Gold Project – Reserves & Resources History

CÔTÉ GOLD - IMG ATTRIBUTABLE RESERVES & RESOURCES



- CIM NI43-101 Definitions were followed for the classification of Mineral Reserves and Resources. Please refer to the appropriate IAMGOLD Corporate disclosure for greater detail.
- Indicated Mineral Resources are inclusive of Mineral Reserves. Mineral Resources are constrained within a pit shell
- 2012.10 and 2012 YE Mineral Resources were estimated using an assumed gold price of \$US1,600 / troy ounce; All other Mineral Resource estimates used an assumed gold price of \$US1,500 / troy ounce

- 2017 and 2018 Mineral Reserves are estimated using an assumed gold price of \$US1,200 / troy ounce
- Mineral Resources up to 2016 are reported at 92.5% Ownership; Mineral Reserves and Resources for 2017 and 2018 are reported at 64.75% Ownership

1 For 2018 Reserves, see News Release dated February 19, 2019

2 Measured and Indicated Resources are inclusive of Reserves

Appendix

2019 Capex Outlook

| \$millions | Current Guidance | | |
|---|-------------------------|----------------|--------------|
| | Sustaining ¹ | Non-Sustaining | Total |
| Essakane | \$55 | \$70 | \$125 |
| Rosebel | \$70 | \$75 | \$145 |
| Westwood | \$15 | \$30 | \$45 |
| Owner-operator | \$140 | \$175 | \$315 |
| Corporate and Development Projects ² | — | \$40 | \$40 |
| Total (±5%)^{3,4} | \$140 | \$215 | \$355 |

1 Sustaining capital includes capitalized stripping of \$20 million for Essakane and \$30 million for Rosebel. In accordance with the World Gold Council guidance on all-in-sustaining costs, capitalized stripping of \$20 million is included in non-sustaining capital for Essakane.

2 Includes estimated attributable capital expenditures for the Côte Gold Project (70%) for the first six months of 2019.

3 Includes \$16 million of capitalized exploration and evaluation expenditures. Refer to the Exploration section of the MD&A

4 Excludes capitalized borrowing costs and \$10 million of principal lease payments.

Hedge position – Q1 2019

| | 2019 | 2020 | 2021 | 2022 | 2023 |
|---|-------------|-------------|---------|---------|---------|
| Foreign Currency | | | | | |
| Canadian dollars (millions of C\$) ¹ | 20 | - | - | - | - |
| Canadian dollar contracts (millions of C\$) | 212 | 186 | - | - | - |
| Rate range (\$/C\$) ² | 1.25 - 1.39 | 1.30 - 1.36 | - | - | - |
| Hedge ratio | 69% | 50% | | | |
| Euro (millions of €) ³ | 70 | - | - | - | - |
| Euro contracts (millions of €) | 72 | - | - | - | - |
| Rate range (€/€) ⁴ | 1.13 - 1.20 | - | - | - | - |
| Hedge ratio | 73% | - | - | - | - |
| Commodities ⁵ | | | | | |
| Brent oil contracts (barrels) ⁶ | 491 | 573 | 588 | 420 | - |
| Contract price range (\$/barrel of crude oil) | 44 - 65 | 50 - 65 | 54 - 65 | 53 - 65 | - |
| Hedge ratio | 90% | 75% | 75% | 50% | - |
| WTI oil contracts (barrels) ⁶ | 374 | 489 | 456 | 348 | 348 |
| Contract price range (\$/barrel of crude oil) | 40 - 60 | 43 - 60 | 46 - 62 | 45 - 62 | 47 - 60 |
| Hedge ratio | 90% | 75% | 75% | 49% | 49% |

¹ During the first quarter 2018, the Company purchased C\$60 million in cash at a rate of 1.3090 to be used for 2019 expenditures related to Canadian mining operations and projects.

² The Company executed Canadian dollar collar options, which consist of Canadian dollar call and put options. The strike prices for the call options are C\$1.25 and C\$1.30. The strike prices for the put options are C\$1.39 and C\$1.36.

The Company will recognize a gain from the difference between a lower 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 During the second quarter 2018, the Company purchased €100 million in cash at a rate of 1.1960 to be used for 2019 expenditures, all related to West African mining operations and projects. The cash was held in short-term investments at March 31, 2019.

⁴ The Company executed euro collar options, which consist of euro put and call options. The strike price for the put options is €1.13. The strike price for the call options is €1.20.

The Company will incur a loss from the difference between a lower market price and the euro put strike price. The Company will recognize a gain from the difference between a higher market price and the euro call strike price.

⁵ The Company executed Brent and WTI collar options, which consist of Brent and WTI put and call options with strike prices within the given range in 2019 through 2023.

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.

⁶ Quantities of barrels are in thousands.

Nelligan Quebec (51% JV Interest)

OVERVIEW

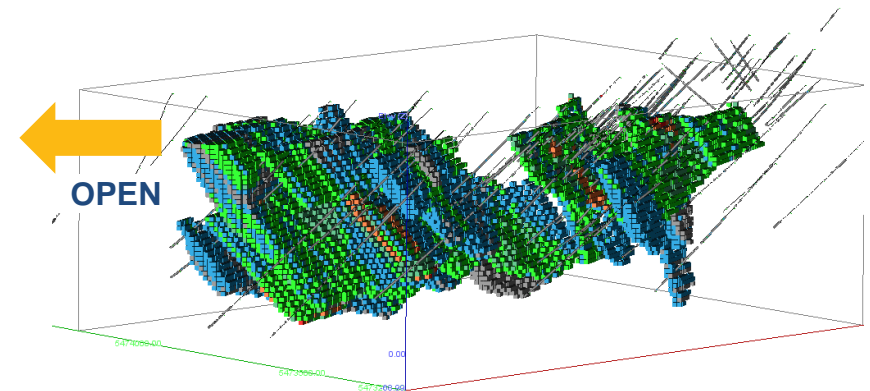
| | |
|------------|--|
| Location | <ul style="list-style-type: none">Quebec |
| Ownership | <ul style="list-style-type: none">51% JV Interest, option to earn up to 80% interest |
| Highlights | <ul style="list-style-type: none">Located 15 km south of Monster LakeRenard Zone: Large bulk tonnage, low grade deposit hosted within hydrothermally altered metasedimentsZone open to the west with mineralized drill intersections 800m along strikeNext: maiden resource estimate |

HIGHLIGHTS

Renard Zone drill hole results¹:

- NE-18-84: 82.6 metres grading 3.30 g/t Au
- NE-18-95: 42.1 metres grading 3.59 g/t Au
- NE-18-96: 27.8 metres grading 5.69 g/t Au

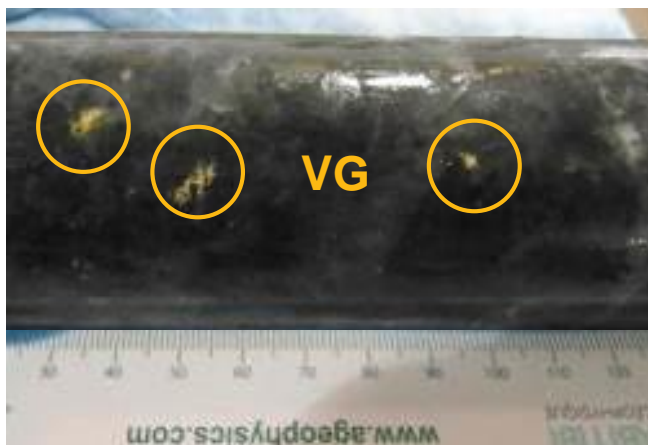
¹ Refer to IAMGOLD news releases dated Nov 15, 2018 and Jan 10, 2019



Monster Lake Quebec (50% JV Interest)

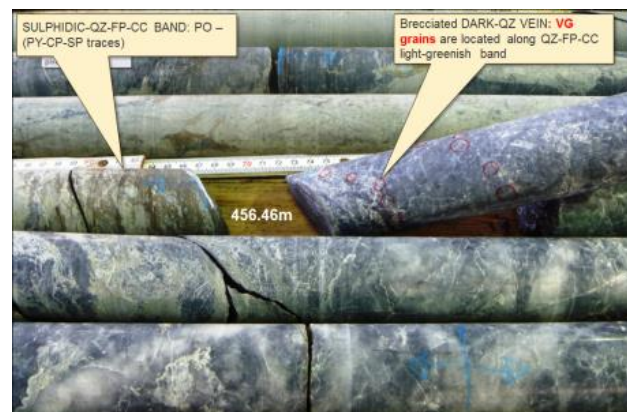
OVERVIEW

| | |
|-------------------|--|
| Location | <ul style="list-style-type: none"> Quebec |
| Ownership | <ul style="list-style-type: none"> 50:50 JV with TomaGold, with option to earn up to a 75% interest |
| Highlights | <ul style="list-style-type: none"> Continuing to better define and extend the 325-Megane Zone and evaluating newly discovered parallel zones 2017 drilling results include: <ul style="list-style-type: none"> › 121.7 g/t Au over 3.1m › 80.3 g/t Au over 5.0m |



RESOURCE

| 100% Basis | Tonnes (000) | Grade (g/t) | Contained Ounces (000 Au) |
|-----------------------|--------------|-------------|---------------------------|
| Inferred ¹ | 1,114 | 12.14 | 435 |



¹ Refer to IAMGOLD news release dated February 19, 2019

Diakha-Siribaya Mali (90%)

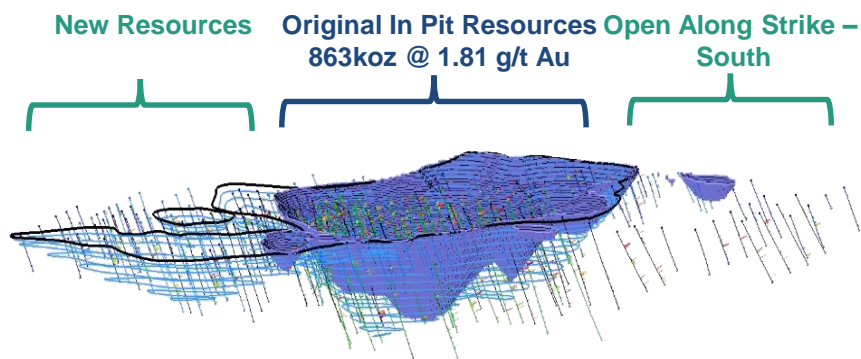
OVERVIEW

Highlights

- Located approximately 10km south along strike from the Boto Gold Project in Senegal
- 2018²: 14,600 metres of RC & DD drilling completed. Results include:
 - › 1.61 g/t Au over 51m
 - › 6.05 g/t Au over 13m
 - › 11.6 g/t Au over 13m
- Resource ounces increased by 57% with a significant conversion to indicated ounces
- Targeting resource expansions north and south of current resource pit shell

RESOURCE

| 100% Basis | Tonnes (000) | Grade (g/t) | Contained Ounces (000 Au) |
|-----------------------------------|--------------|-------------|---------------------------|
| Measured & Indicated ¹ | 18,031 | 1.28 | 744 |
| Inferred ¹ | 23,179 | 1.58 | 1,176 |



¹ Refer to IAMGOLD news release dated February 19, 2019

² Refer to IAMGOLD news release dated Oct 18, 2018

Pitangui Brazil (100%)

OVERVIEW

| | |
|-------------------|--|
| Highlights | <ul style="list-style-type: none">• Banded iron formation hosted deposit• 25 km from Jaguar's Turmalina mill• 2017 drilling program resulted in a 21% increase in inferred resources• Continuing to test priority targets |
|-------------------|--|

RESOURCE

| | Tonnes (000) | Grade (g/t) | Contained Ounces (000 Au) |
|-----------------------|-------------------------|------------------------|--------------------------------------|
| Inferred ¹ | 5,365 | 4.7 | 819 |



¹ Refer to IAMGOLD news release dated February 19, 2019

Loma Larga: Optionality via Strategic Investment

Ecuador (~36%)

OVERVIEW

| | |
|------------|--|
| Highlights | <ul style="list-style-type: none">IAMGOLD owns ~36% of INV Metals (TSX:INV)FS has robust economics with after-tax IRR of 24.7%, NPV@5% of US\$356M, payback of 2.6 yearsMineral Reserves of 2.2M oz of contained Au at 4.91 g/t, 13.3 M oz contained Ag at 29.6 g/t, 88.0M lb contained Cu at 0.29%M&I Mineral Resources of 2.71M oz of contained Au at 4.25 g/t, 17.7M oz contained Ag at 27.8 g/t, 109.5M lb contained Cu at 0.25%Inferred Mineral Resources of 0.33M oz of contained Au at 2.22 g/t, 4.5M oz contained Ag at 29.7 g/t, 14.5M lb contained Cu at 0.14% |
|------------|--|

**Targeting production
for late 2021**

¹ Refer to INV news release dated November 29, 2018

FEASIBILITY STUDY HIGHLIGHTS¹

| | |
|--------------------------------------|-----------------|
| Mine Life | ~12 years |
| Nameplate Capacity | 3,000 tpd |
| Annual Average Gold Production | 130,000 oz |
| Gold Grade | 4.91 g/t |
| Gold Payable | 1.61 million oz |
| Gold Recovery | 90% |
| Total Cash Costs | \$540/oz sold |
| All-in Sustaining Costs | \$609/oz sold |
| All-in Costs | \$768/oz sold |
| Initial Capital | \$279M |
| Sustaining Capital and Closure Costs | \$84M |

Ecuador – Strong Commitment to Mining

- Loma Larga and INV Metals have strong support from Ecuadorian government and local communities
- Creation of Ministry of Mines in 2015 was a significant commitment to mining with positive changes to mining tax laws
- Significant investment in roads, airports, ports, hydroelectric power

Eastern Borosi Nicaragua (51% JV Interest)

OVERVIEW

| | |
|-------------------|---|
| Ownership | <ul style="list-style-type: none"> Earn-in option with Calibre Mining; IAMGOLD can earn up to a 70% interest |
| Highlights | <ul style="list-style-type: none"> Multiple high grade Au-Ag epithermal vein systems over 40kms strike length IMG: 154 DDH totaling >28,800m |

RESOURCE

| 100% Basis | Tonnes (000) | Grade AuEq (g/t) | Contained Ounces (000 Au) |
|-------------------------|---------------------|-------------------------|----------------------------------|
| Inferred ^{1,2} | 4,418 | 5.7 | 812 |



¹ Refer to IAMGOLD news release dated February 19, 2019

² Gold equivalent values were calculated using the formula: $\text{AuEq (g/t)} = \text{Au (g/t)} + \text{Ag (g/t)} / (101.8)$

³ Refer to Calibre Mining news release dated September 5, 2018 and December 18, 2018



IAMGOLD



Indi Gopinathan
Investor Relations Lead
T: 416-360-4743

Martin Dumont
Senior Analyst, Investor Relations
T: 416-933-5783

TSX: IMG | NYSE: IAG