



IAMGOLD[®]
CORPORATION



Saramacca Reserve Declaration

September 24, 2018

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", "anticipate", "estimate", "believe", "opportunities", "intend", "plan", "possible", "suggest", "guidance", "outlook", "potential", "prospects", "seek", "targets", "strategy" 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; laws and regulations governing the protection of the environment; employee relations; availability and increasing costs associated with mining inputs and labour; 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; 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 disclosure was prepared by IAMGOLD and SRK, and incorporates the work of IAMGOLD, SRK and other consultants. The affiliation and areas of responsibility for each Qualified Person involved in preparing this mineral disclosure upon which the technical report will be based, are:

IAMGOLD QPs

- R. Dutaut, Geo., Property description and location, accessibility, climate, local resources, infrastructure and physiography, history, geological setting and mineralization, deposit type, exploration, drilling, sample preparation and analysis and security, data verification, and mineral resource estimate – Rosebel Property (excluding Saramacca)
- A. Doucette, Eng., Mining method, mineral reserve estimate and Infrastructure
- S. Rivard, Eng., Recovery method – Mineral processing and metallurgical testing
- M. Payeur, Eng., Market Studies and Contracts, Environmental studies, permitting, and social or community impacts, Capital and operating cost estimate, and other relevant data and information

SRK QPs

- D. Chartier, P. Geo., Accessibility, climate, local resources, infrastructure and physiography, history, geological setting and mineralization, deposit type, exploration, drilling, sample preparation and analysis and security, data verification, and mineral resource estimate – Saramacca Property.
- O. Leuangthong, P. Eng., Mineral resource estimate – Saramacca Property

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.



Transforming Rosebel

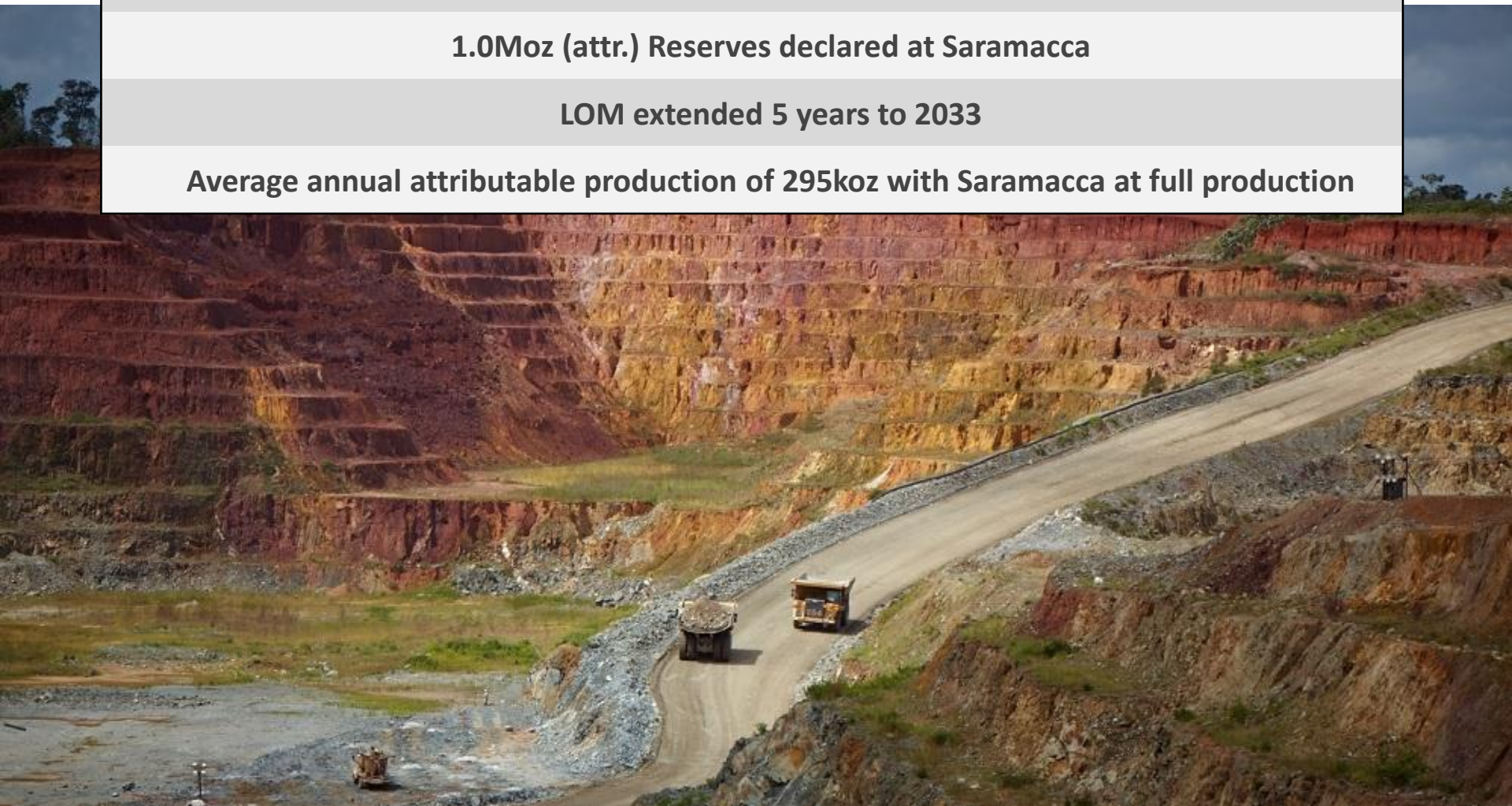
Saramacca Delivers

51% increase in total Reserves to 4.7Moz (attr.)

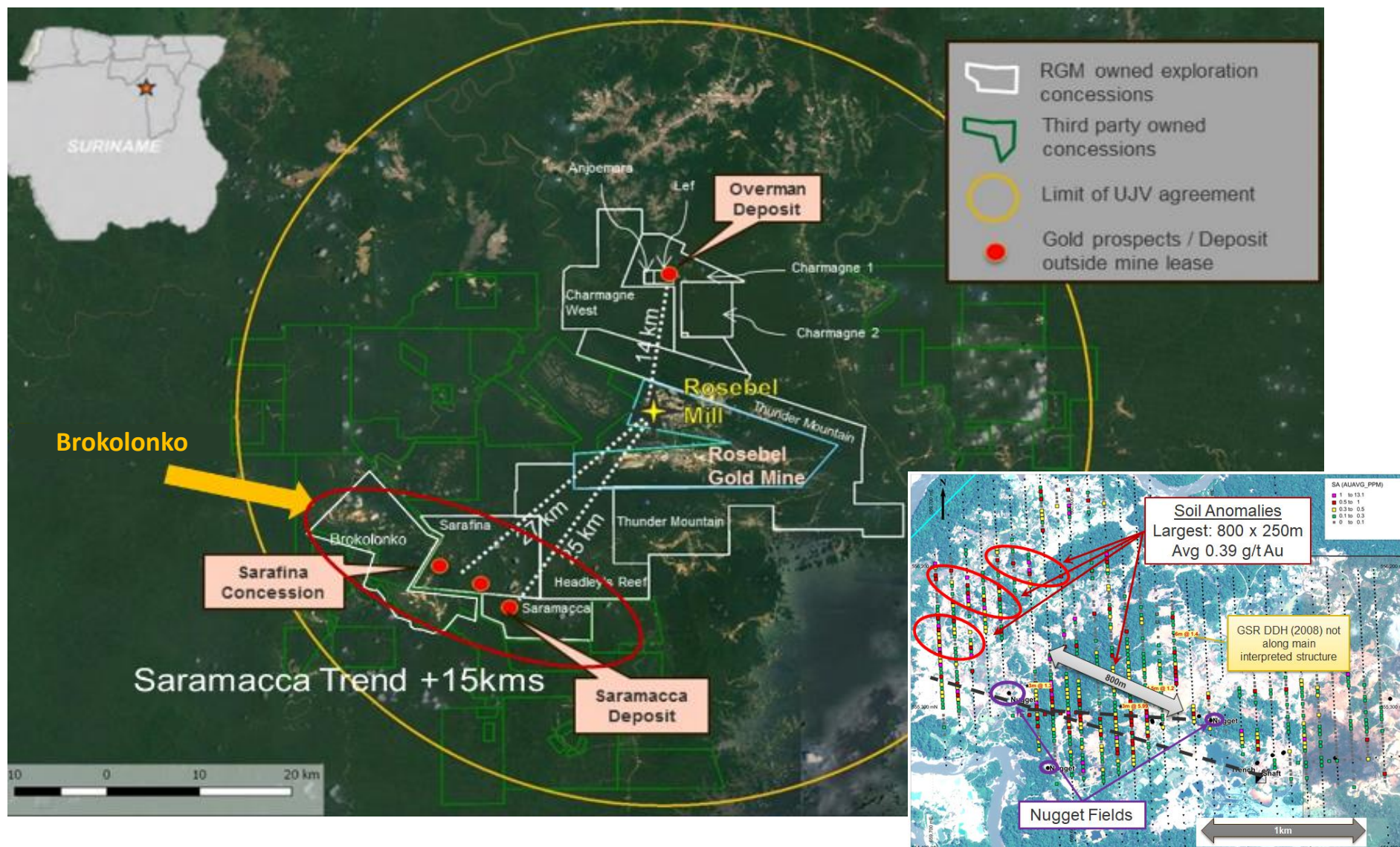
1.0Moz (attr.) Reserves declared at Saramacca

LOM extended 5 years to 2033

Average annual attributable production of 295koz with Saramacca at full production



Consolidating Prospective Land Packages





Rosebel & Saramacca Reserves and Project Update

51% Increase in Total Attributable Reserves

Mineral Reserves – as at September 1, 2018

| Deposit | Classification | Tonnes (000) | Grade (g/t Au) | Contained Ounces (000s) 100% Basis | Attributable Contained Ounces (000s) |
|------------------|-------------------|-----------------|-------------------|--|--|
| Rosebel | Proven & Probable | 117,872 | 1.0 | 3,632 | 3,450 |
| | Stockpiles | 15,803 | 0.6 | 283 | 269 |
| Saramacca | Proven & Probable | 26,549 | 1.8 | 1,542 | 1,025 |
| Total | | 160,224 | 1.1 | 5,457 | 4,745 |

1 Attributable ounces: 95% for Rosebel (excluding Saramacca), 66.5% for Saramacca.

2 Reserves estimated assuming open pit mining methods and an 8%/10%/10% dilution factor (sap./trans./rock) at both Rosebel and Saramacca.

3 Reserves are based on a gold price of \$1,200/oz.

4 Average weighted process recovery of 89.8%.

5 Mining cost: \$2.19/t mined. Processing costs: \$4.79/t milled. Power costs: \$3.13/t milled. General and Administrative costs of \$2.16/t milled.

6 Mineral Reserves include 2018 depletion prior to September 1, 2018.

7 Mineral reserves include material from all pits, including Saramacca.

Mineral Resources – as at September 1, 2018

| Deposit | Classification | Tonnes (000) | Grade (g/t Au) | Contained Ounces (000s) 100% Basis | Attributable Contained Ounces (000s) |
|------------------|---------------------------------|-----------------|-------------------|--|--|
| Rosebel | Measured & Indicated | 295,324 | 0.9 | 8,513 | 8,087 |
| | Inferred | 65,154 | 0.9 | 1,797 | 1,707 |
| Saramacca | Measured & Indicated | 27,938 | 2.0 | 1,763 | 1,172 |
| | Inferred | 11,824 | 0.7 | 273 | 182 |
| Total | Measured & Indicated | 323,262 | 1.0 | 10,276 | 9,260 |
| | Inferred | 76,978 | 0.8 | 2,070 | 1,889 |

1 Attributable ounces: 95% for Rosebel (excluding Saramacca), 66.5% for Saramacca.

2 CIM Definition Standards were followed for classification of Mineral Resources.

3 Mineral Resources reported at an average cut-off grade for Rosebel (excluding Saramacca) of 0.18 g/t Au for saprolite, 0.23 g/t Au for transition material and 0.35 g/t Au for fresh rock material. Average cut-off grades for Saramacca are 0.25 g/t Au for saprolite, 0.30 g/t Au for transition material and 0.50 g/t Au for fresh rock material.

4 Mineral Resources includes 2018 depletion prior to September 1, 2018.

5 Mineral Resources are constrained within a pit shell estimated using a long-term gold price of \$1,500/oz.

6 Mineral Resources are inclusive of Reserves.

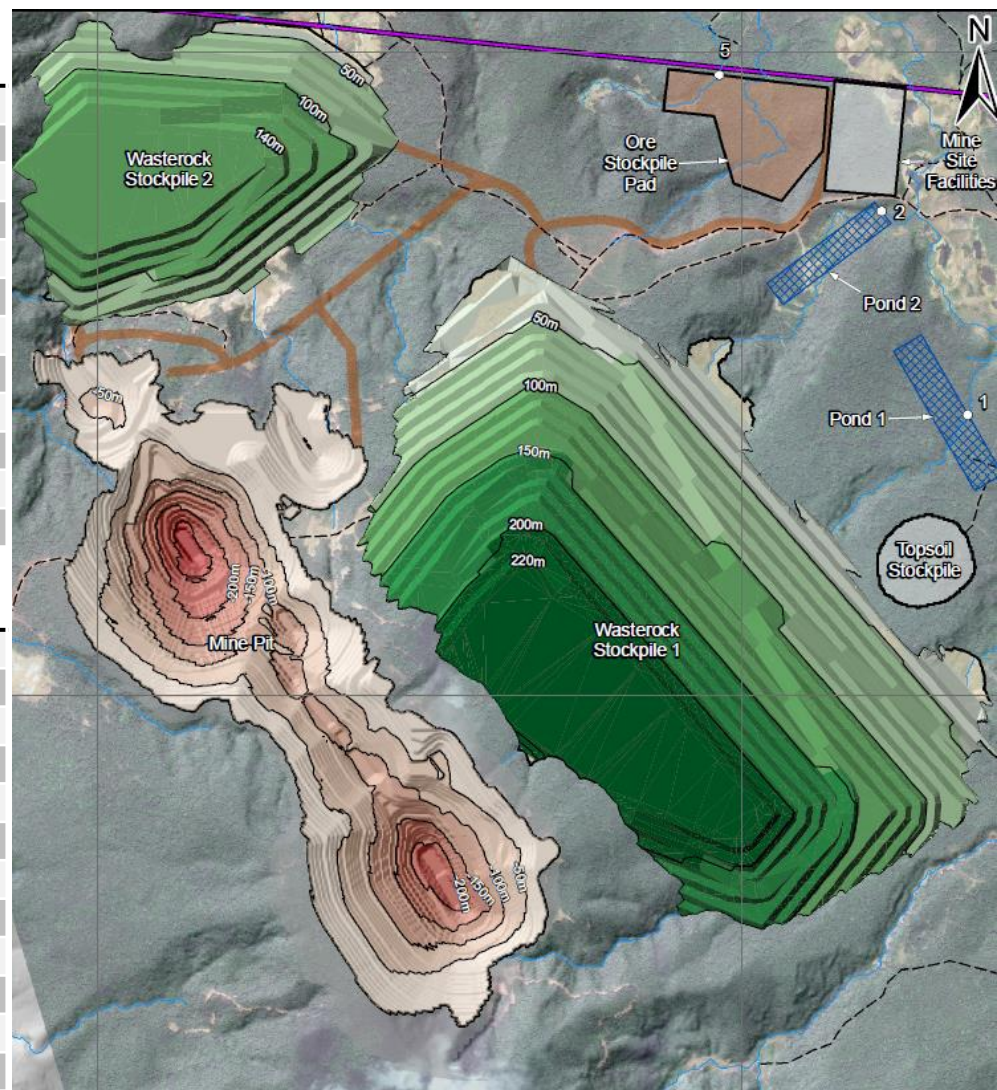
Rosebel's Strengthened Profile

Life of Mine (incl. Saramacca) – 100% Basis

| | |
|--|-------------|
| Mining Capacity | |
| 2019 | 70.0 Mtpa |
| 2020 | 87.0 Mtpa |
| 2021 and remainder of LOM | 105.0 Mtpa |
| Mining Dilution (Saprolite-Transition-Rock) | 8-10-10% |
| Maximum Milling Capacity | 12.8 Mtpa |
| LOM Average Annual Gold Production | 318,000 oz. |
| LOM Average Recovery | 89.8% |
| Mine Life (2018-2033) | 15 years |
| LOM Average Mined Diluted Grade | 1.12 g/t Au |
| Average LOM Strip Ratio | 6.9 : 1 |
| Gold Price Assumption used in financial analysis | \$1,200/oz |

Saramacca – 100% Basis

| | |
|---|---------------|
| Mining Capacity | |
| 2019 | 1.0 Mtpa |
| 2020 | 15.0 Mtpa |
| 2021 and remainder of LOM | 30.0 Mtpa |
| Average Mill Feed | 1.9 Mtpa |
| Average Annual Gold Production (2020-2032) | 98,000 oz. |
| Average Recovery | 84.2% |
| Mine Life (2019-2033) | 14.5 years |
| Average Diluted Grade | 1.81 g/t Au |
| Average Strip Ratio | 10.8 : 1 |
| Total Gold Production (100%) | 1,298,000 oz. |
| Estimated Project Execution Capital Expenditure | \$128M ± 15% |

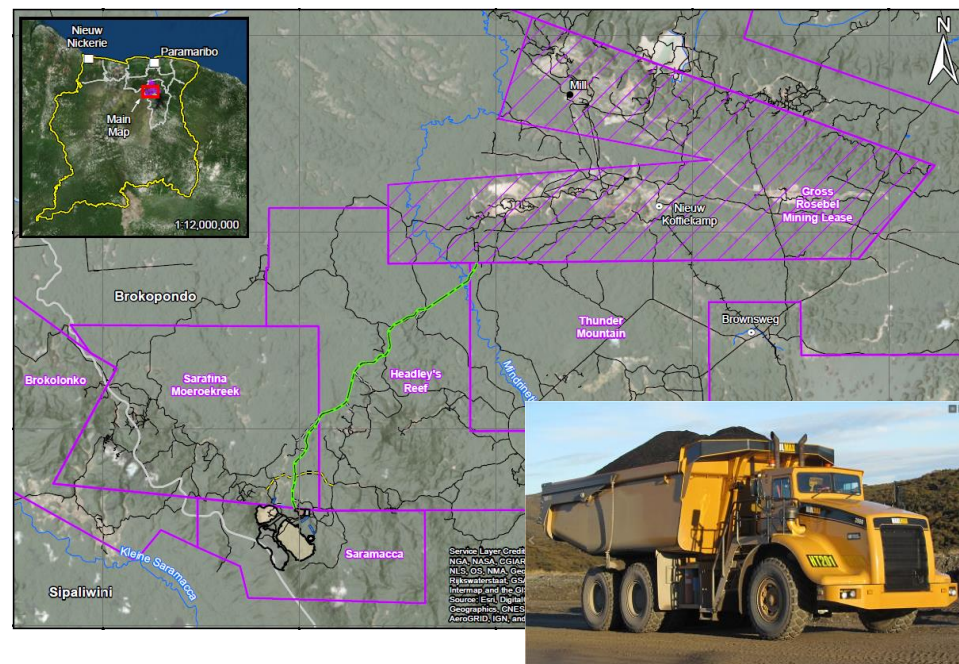


Saramacca production start expected H2'19

Saramacca Progressing Towards H2'19 Production

- Detailed engineering work related to infrastructure and production of the haul road nearly complete
- Completed long haul truck selection: 80t Haulmax 3900
- Haul road construction start expected October 2018
- ESIA submitted to the regulators on July 31, 2018
- Permitting expected to be completed in Q4'18
- Camp enlargement construction commenced in July 2018
- Ongoing focus on optimizing project economics
- Continuing exploration of Saramacca-Brokolonko trend

| | Tonnes (000) | Grade (g/t) | Contained Ounces (000 Au) | Attributable ³ Contained Ounces (000 Au) |
|---|--------------|-------------|---------------------------|---|
| Proven & Probable Reserves ¹ | 26,549 | 1.8 | 1,542 | 1,025 |
| Measured & Indicated ^{1,2} | 27,938 | 2.0 | 1,763 | 1,172 |
| Inferred ¹ | 11,824 | 0.7 | 273 | 182 |



¹ See IAMGOLD News Release dated September 23, 2018

² Inclusive of Reserves

³ Attributable ounces at 66.5%



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CORPORATION

Ken Chernin

VP, Investor Relations
T: 416-360-4743

Laura Young

Director, Investor Relations
T: 416-933-4952

Martin Dumont

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