



Sunrise over the Côté Gold Project, Canada

Denver Gold Forum

September 12 – 15, 2021

TSX: IMG | NYSE: IAG
www.iamgold.com

Cautionary Statement

CAUTIONARY STATEMENT REGARDING FORWARD-LOOKING INFORMATION

All information included in this presentation, 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, including statements in respect of the prospects and/or development of the Company's projects, other than statements of historical fact, constitutes forward-looking information or forward-looking statements within the meaning of applicable securities laws (collectively referred to herein as "forward-looking statements") and such forward-looking statements are based on expectations, estimates and projections as of the date of this presentation. For example, forward-looking statements in this presentation include, without limitation, but are not limited to, statements with respect to: construction costs and site expenditures; the impact of COVID-19 on the Company, including its operations, the project schedule for Côté Gold, key inputs, staffing and contractors; cost pressures, including diesel, power and haulage, the Company's guidance for production; cost of sales; cash costs; all-in sustaining costs; the timing and amount of estimated future production; costs of production; depreciation expense; effective tax rate; expected capital expenditures; operations outlook; the disclosure of an initial resource at Gosselin; the Company's expected decision with respect to its proposed future heap leach operation at Essakane; expected benefits from the operational improvements and de-risking strategies enacted by the Company; the Company's business recovery plan; the Company's plan to achieve net zero emissions; the resumption of strategic mine development activities; development and expansion projects; exploration; impairment assessments and estimates; the expected receipt of permits; permitting timelines; sale transactions; the future price of gold and other commodities; foreign exchange rates and currency fluctuations; requirements for additional capital; the Company's capital allocation; the estimation of mineral reserves and mineral resources; the realization of mineral reserve and mineral resource estimates; the construction of Côté Gold; and government regulation of mining operations. 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 the use of words such as "may", "will", "should", "continue", "expect", "budget", "forecast", "anticipate", "estimate", "believe", "intend", "plan", "schedule", "guidance", "outlook", "potential", "transformational", "best-in-class", "top-tier", "seek", "targets", "strategy", "superior" or "project" or the negative of these words or other variations on these words or comparable terminology.

The Company cautions the reader that 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, financial, operational and other risks, uncertainties, contingencies and other factors, including those described below, which could cause actual results, performance or achievements of the Company to be materially different from results, performance or achievements expressed or implied by such forward-looking statements and, as such, undue reliance must not be placed on them. Forward-looking statements are also based on numerous material factors and assumptions, including as described in this presentation, including with respect to: the Company's present and future business strategies; operations performance within expected ranges; anticipated future production and cash flows; local and global economic conditions and the environment in which the Company will operate in the future; the price of gold, copper, silver and other key commodities; projected mineral grades; international exchanges rates; anticipated capital and operating costs; the availability and timing of required governmental and other approvals for the construction of the Company's projects.

Although the Company has attempted to identify important factors that could cause actual results to differ materially from those contained in forward-looking statements, there may be other factors that cause results not to be as anticipated, estimated or intended. 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.

CAUTIONARY NON-GAAP PERFORMANCE MEASURES

IAMGOLD uses certain non-GAAP financial performance measures in this presentation, which are described below:

Cash costs ("CC") per ounce sold and all-in sustaining costs ("AISC") per ounce sold, on an attributable basis, are non-GAAP performance measures. Cash costs include mine site operating costs such as mining, processing, administration, royalties, production taxes, and realized derivative gains or losses, exclusive of depreciation, reclamation, capital expenditures and exploration and evaluation costs. AISC include cost of sales, excluding depreciation expense, and includes sustaining capital expenditures which are required to maintain existing operations, sustaining exploration and evaluation expenses, sustaining lease principal payments, environmental rehabilitation accretion and depreciation, by-product credits, and corporate general and administrative costs. These costs are then divided by the Company's attributable ounces of gold sold by mine sites in commercial production to arrive at CC and AISC per ounce sold. The Company believes that the use of CC and AISC per ounce sold metrics will assist analysts, investors and other stakeholders of the Company in assessing its operating performance and its ability to generate free cash flow. CC and AISC per ounce sold are intended to provide additional information only and do not have any standardized meaning prescribed by IFRS, and are unlikely to be comparable to similar measures presented by other issuers, and should not be considered in isolation or as a substitute for measures of performance prepared in accordance with IFRS. Although the World Gold Council defined an all-in sustaining costs measure in 2013, it is not a regulatory organization, and other companies may calculate this measure differently. These measures are not necessarily indicative of net earnings or cash flow from operating activities as determined under IFRS. For a reconciliation of these measures please refer to the "Non-GAAP Performance Measures" section in the most recent MD&A filed on SEDAR at www.sedar.com.

Technical Information and Qualified Persons

QUALIFIED PERSON AND TECHNICAL INFORMATION

The technical and scientific information relating to exploration activities disclosed in this document was prepared under the supervision of and verified and reviewed by Craig MacDougall, P.Geo., Executive Vice President, Growth, IAMGOLD. Mr. MacDougall is a Qualified Person (a "QP") as defined by National Instrument 43-101 – Standards of Disclosure for Mineral Projects ("NI 43-101").

The Mineral Resource and Reserve Estimates contained in this presentation have been prepared in accordance with National Instrument 43-101. The QP responsible for the review and approval of all year-end Mineral Resource and Reserve Estimates for IAMGOLD contained herein is Lisa Ragsdale, Eng., Director, Mining Geology. Ms. Ragsdale has worked in the mining industry for more than 15 years, mainly in operations, project development and consulting. Ms. Ragsdale joined IAMGOLD in January 2018 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 mineral resource estimates. Ms. Ragsdale 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.

Drilling results in this presentation have been prepared in accordance with NI 43-101. 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., Executive Vice President, Growth for IAMGOLD. Mr. MacDougall is a QP as defined by NI 43-101.

For readers to fully understand the technical information contained in this presentation, they should read the relevant technical reports that have been prepared in accordance with NI 43-101 (each, a "Technical Report") in their entirety, including all qualifications, assumptions and exclusions contained therein. Each Technical Report is intended to be read as a whole, and sections should not be read or relied upon out of context. Each Technical Report describes the Mineral Resource and Reserve estimation methodologies and the assumptions used, and to which those estimates are subject. The Company's AIF, which was filed on SEDAR on February 17, 2021 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.

Cautionary Note to Investors Concerning Estimates of Measured and Indicated Resources

This presentation uses the terms "measured resources" and "indicated resources". We advise investors that while such terms are 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.

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 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

I

Diversified Operating Portfolio

- Operating in three regions (North/South America, W. Africa) with 2021 guidance of 565-605koz¹
- Company-wide operational excellence program underway

II

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, contractors and host communities

III

Compelling Value & Production Growth

- Peer-leading organic growth profile targeting **gold production of >1 Mozpa by 2025** as Côte Gold brought online with a **long-term AISC target of <\$1,000/oz^{2,3}**
- **Value opportunity** relative to peers on **P/CF, EV/EBITDA and P/NAV metrics**

IV

Financial Capacity

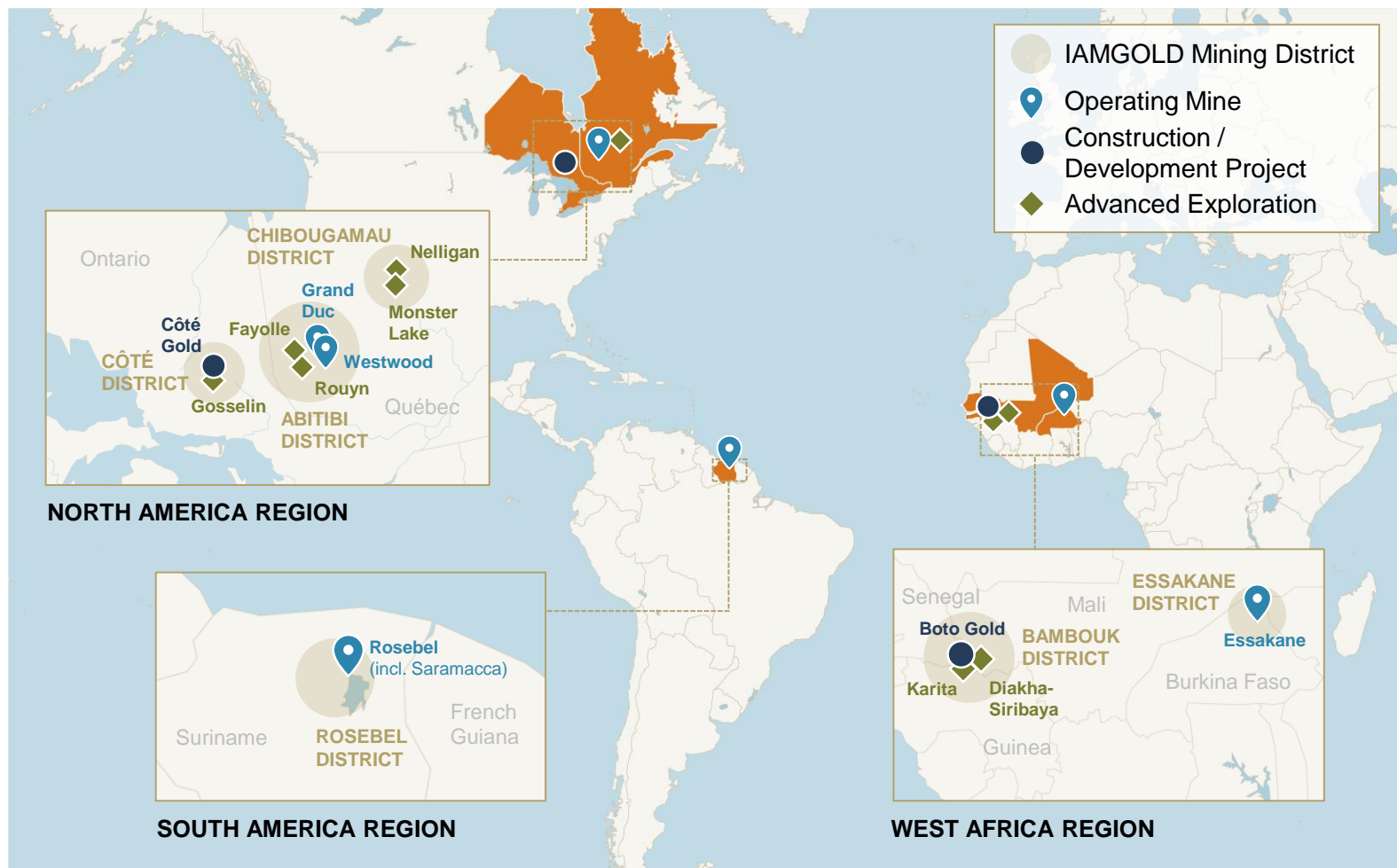
- **Strong liquidity position of close to \$1.3B**, including \$830M in cash & cash equivalents, and improving operating margins at existing operations⁴
- **Adequate financial capacity** to implement ongoing development of Côte Gold

V

Robust Pipeline of Projects

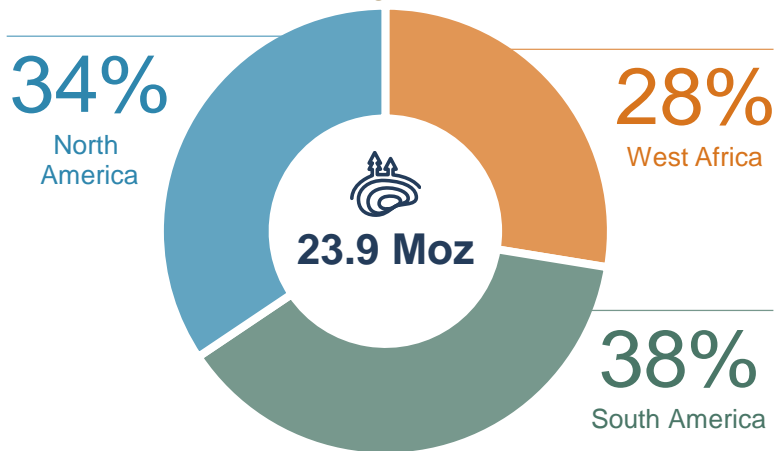
- **Near-site district growth:** Saramacca (Rosebel), Gosselin (Côte), Fayolle / Rouyn (Westwood)
- **Re-seeding the pipeline** with long-term growth: Bambouk and Chibougamau districts

Developing High Potential Mining Districts in Key Regions



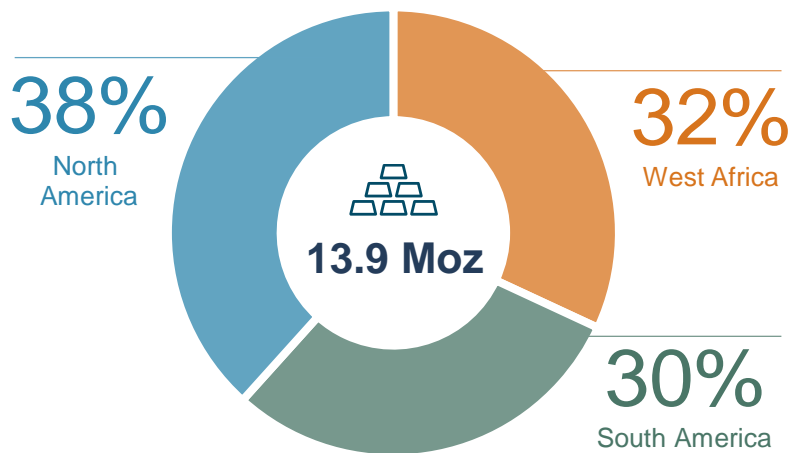
M&I RESOURCES

ATTRIBUTABLE^{1,2}



P&P RESERVES

ATTRIBUTABLE^{1,2}



Mining Regions: Key Operating Assets

West Africa



ESSAKANE

Burkina Faso

(90% Ownership)



South America



ROSEBEL

Suriname

(95% RGM | 66.5% Saramacca³)



North America



WESTWOOD

Canada

(100% Ownership)



☉ Stable Producer of ~400kozpa on a 100% Basis

Start-up	• 2010
Mine Type	• Open Pit
Mine Life	• ~2027 ¹
H1 2021 Results	• 208 koz at \$1,061/oz AISC
2021 Updated Guidance²	• 390 – 400 koz

☉ Long Operating History with Attractive District Upside

Start-up	• 2004 • Saramacca H2 2020
Mine Type	• Open Pit
Mine Life	• ~2033, with Saramacca ⁴
H1 2021 Results	• 72 koz at \$1,732/oz AISC
2021 Updated Guidance²	• 140 – 160 koz

☉ Established Base in the Prolific Abitibi Gold Mining Camp

Start-up	• 2014
Mine Type	• Underground / Satellite OP • Hub-and-spoke model
Mine Life	• 2033+ ⁵
H1 2021 Results	• 15 koz at \$1,743/oz AISC
2021 Updated Guidance²	• 35 – 45 koz

H1 Operating Highlights: Outlook Updated After Challenging Q2

HIGHLIGHTS

- Attributable production guidance reduced due to:
 - Lower actual production in H1 from Westwood and Rosebel and their lower anticipated output for H2; and
 - Partially offset by higher production at Essakane;
- Cash costs guidance increased mainly to reflect lower production, cost pressures and stronger Canadian dollar and euro;
- AISC reflects increased cash costs and sustaining capital spending in H2 2021;
- Certain cost pressures expected to continue into H2;
- Revised capital expenditures for 2021:
 - Reduced spending at operations primarily due to reduction in planned work at Essakane and Rosebel;
 - Offset by estimated increased spending at Côte Gold.

H1 AND 2021 OUTLOOK

	unit	H1 2021	Updated Guidance	Prior Guidance
Essakane (90%)	koz	208	390 – 400	365 – 390
Rosebel (95%)	koz	72	140 – 160	220 – 245
Westwood (100%)	koz	15	35 – 45	45 – 65
Attrib. Production	koz	295	565 – 605	630 – 700
Cash Costs ¹	US\$/oz	\$1,064	\$1,115 – \$1,150	\$930 – \$980
All-in Sustaining Costs ¹	US\$/oz	\$1,324	\$1,395 – \$1,435	\$1,230 – \$1,280
Capex – operations ^{2,3}	US\$M	\$98.7	\$260	\$295
Capex – development ^{3,4}	US\$M	\$155.8	\$485	\$415
Capex – total ^{3,5}	US\$M	\$254.8	\$745	\$710

Environmental, Social and Governance (ESG)

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**

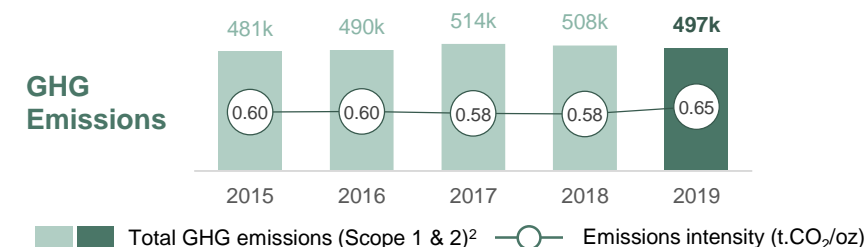


FRAMEWORKS / STANDARDS / PRINCIPLES

- Reporting under **Global Reporting Initiative (GRI)** standards since 2007
- Working toward reporting under **Sustainability Accounting Standards Board (SASB)** standards
- Advancing the **United Nations Sustainable Development Goals**, aligned with our **Zero Harm®** commitment
- Implementing the World Gold Council's **Responsible Gold Mining Principles** since 2019
 - Adopted the **WGC Conflict-Free Gold Standard** since 2017
- Implemented Mining Association of Canada's **Towards Sustainable Mining® (TSM)** framework at operating sites since 2007
- In 2021, adopted new **Board diversity and renewal guidelines** with average tenure not exceeding 10 years and minimum 30% female representation

PERFORMANCE METRICS

- **Focus on safety:** DART¹ frequency rate of 0.40 tracking below 0.51 target in 2021, and below 2018 levels of 0.66
- **Board governance metrics:** Women represent 33% of independent directors; average tenure ~5.5 years; 86% of Board consists of independent directors
- **2019 Health, Safety and Sustainability report** selected highlights:
 - **7% of energy produced from renewable energy**
 - **39% recycled water use** at operating sites



Community Support and Engagement

INITIATIVES & HIGHLIGHTS



Essakane solar/thermal facility commissioned in 2018 consisting of ~130,000 photovoltaic panels

- Commissioned one of the **world's largest hybrid solar/thermal plants** at Essakane
- Public-Private Partnership with Canada's Gov't, One Drop Foundation, and Cowater on Triangle d'Eau project: Completed Phase I **bringing potable water to 60,000 people near Essakane**; Advancing Phase II (75,000 people)
- Rosebel Community Fund (RCF)** initial funding of **\$2.5 million** to provide grants to local projects with positive economic and/or social impacts
- Signed an **Impact & Benefits Agreement ("IBA")** with **Mattagami First Nation and Flying Post First Nation**, and an **IBA with Metis Nation of Ontario** with respect to Côté Gold
- Investment of \$1.35 million to **improve community access to quality medical care** in Suriname
- Investing ~\$1.0 million in a 4-year **Giants of Africa program**, aimed at encouraging the development of youth through sports in Burkina Faso, Senegal and Mali



Our People: Salamata Kagambega, the first Forewoman in Mill Operations at Essakane



INDUSTRY RECOGNITION

- Received **Mining Association of Canada's** prestigious **2021 TSM® Environmental Excellence Award** for an **innovative recycling program of plastic** at Essakane
- Upgraded to a rating of **AA in the MSCI¹ ESG Ratings assessment**, placing IAMGOLD among the top 15% of precious metals companies
- Included in the **2021 Bloomberg Gender Equality Index** for the 3rd consecutive year and recognized among 380 global companies that foster a more inclusive and equitable workplace
- Named by **Corporate Knights** to Canada's list of **2021 Best 50 Corporate Citizens²**



For more information, see our 2019 Sustainability report at <https://www.iamgold.com>

COVID-19: Q2 2021 Update

Health & Safety Protocols Embedded in our Operations and Projects

- **Rosebel** – increase in cases in Suriname during Q2
 - Workforce availability and productivity and site leadership were impacted by illness, quarantine requirements for inbound employees on rotation, schedule adjustments, inefficient shift changes, testing and contact tracing, equipment sanitization and shortage of rooming to maintain physical distancing protocols
 - Several mitigating controls have been put in place, including a mandatory antigen testing program, with all workers on the 14/7 work rotation
 - Towards the end of Q2 and into July, cases in Suriname have been decreasing
 - The additional 360 beds that have been added to the camp to safely accommodate the necessary workforce have been commissioned
- **Côté Gold** – increased cases in the Timmins area in Q2; small number of workers impacted during this wave; heightened testing and additional constraints on site circulation were implemented; no material impact on the construction schedule due to COVID-19 to date
- **Boto Gold** – subsequent to the end of Q2, several contract workers tested positive and were under observation; no material impact expected on activities
- The **previously implemented protocols across our operations and offices globally remain in place** and there have been no other material impacts at our operations, development projects or exploration sites
- Committed to contribute \$250,000 to UNICEF to support the International ACT-A / COVAX Emergency Response

 **\$1.5M**

COVID-19 community
support in 2020



RCF and SEMiF finance new cooling system for public health laboratory in Suriname



Medical equipment donations to the Dori Hospital in Burkina Faso



Rosebel Community Fund (RCF) contributes \$250,000 to the fight against COVID-19

Côté Gold: Construction on Schedule¹

~27%

PROJECT COMPLETION

~82%

DETAILED ENGINEERING

\$930 – \$980M

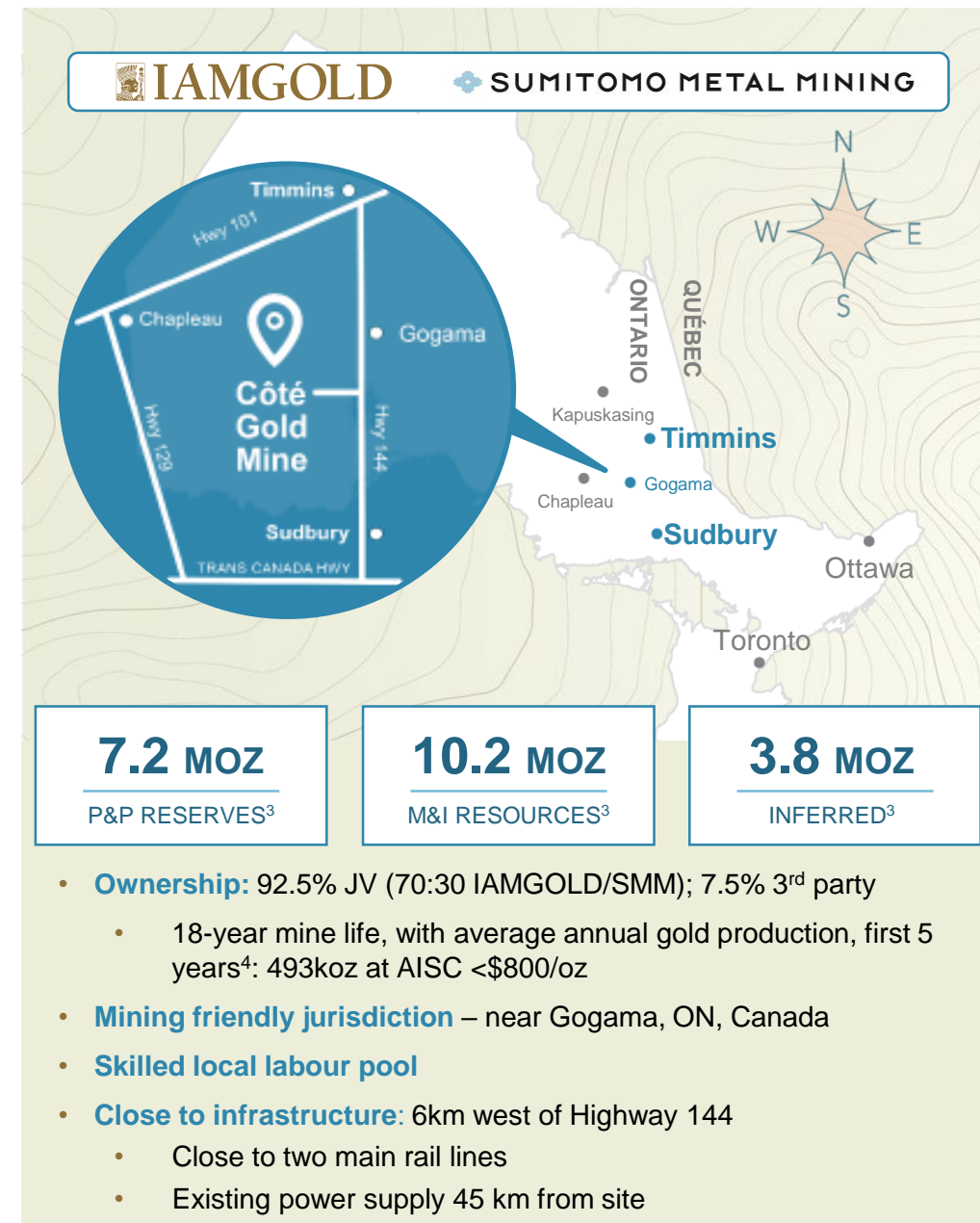
REMAINING COSTS²

Q2 2021 Progress

- Procurement and expediting of major equipment contracts are progressing with the logistics contract awarded;
- Earthworks progressed with roadwork, water pumping, fish relocation, the completion of the TMF coffer dam and drill and blast activities in the open pit;
- Plant foundation work underway;
- Concrete batch plant commissioned and is in production, with concrete pouring and form work started focused on the ball vertical mill foundation work;
- Permanent camp at ~60% of the planned capacity commissioned at the end of July.

2021 OUTLOOK

- Work plan to continue with earthworks, haul road construction and water management infrastructure around the pit site;
- Pre-stripping work in the pit is expected to continue during Q3 and the permanent camp is expected to be fully commissioned in Q3;
- Civil works expected to continue with the placement of pre-cast and cast-in-place concrete, as well as the preparation for erection of the plant building shell;
- Updated 2021 project costs of \$430 million, with ~\$301 million remaining in H2 2021.



Côté Gold: Costs Updated in July 2021¹

SUMMARY

- Project review identified certain estimated project costs increases:
 - Increased SMPEI* costs for the processing facility and increases in earthworks and concrete (collectively representing almost 50% of the increase);
 - Increased estimated mine facilities costs and other costs, resulting in increases in indirect costs, EPCM and owner costs;
 - Increased direct costs related to COVID-19 and changes in the FX rate;
 - Partially offset by the transfer of certain costs to the operating period;
- Revised project costs range includes new contingency amounts for the remaining expenditures estimate;
- Revisions result from increases in estimates including quantities and manpower, changes in scope, the negative impact of COVID-19 on labour productivity and inflation.

PROJECT COSTS UPDATE

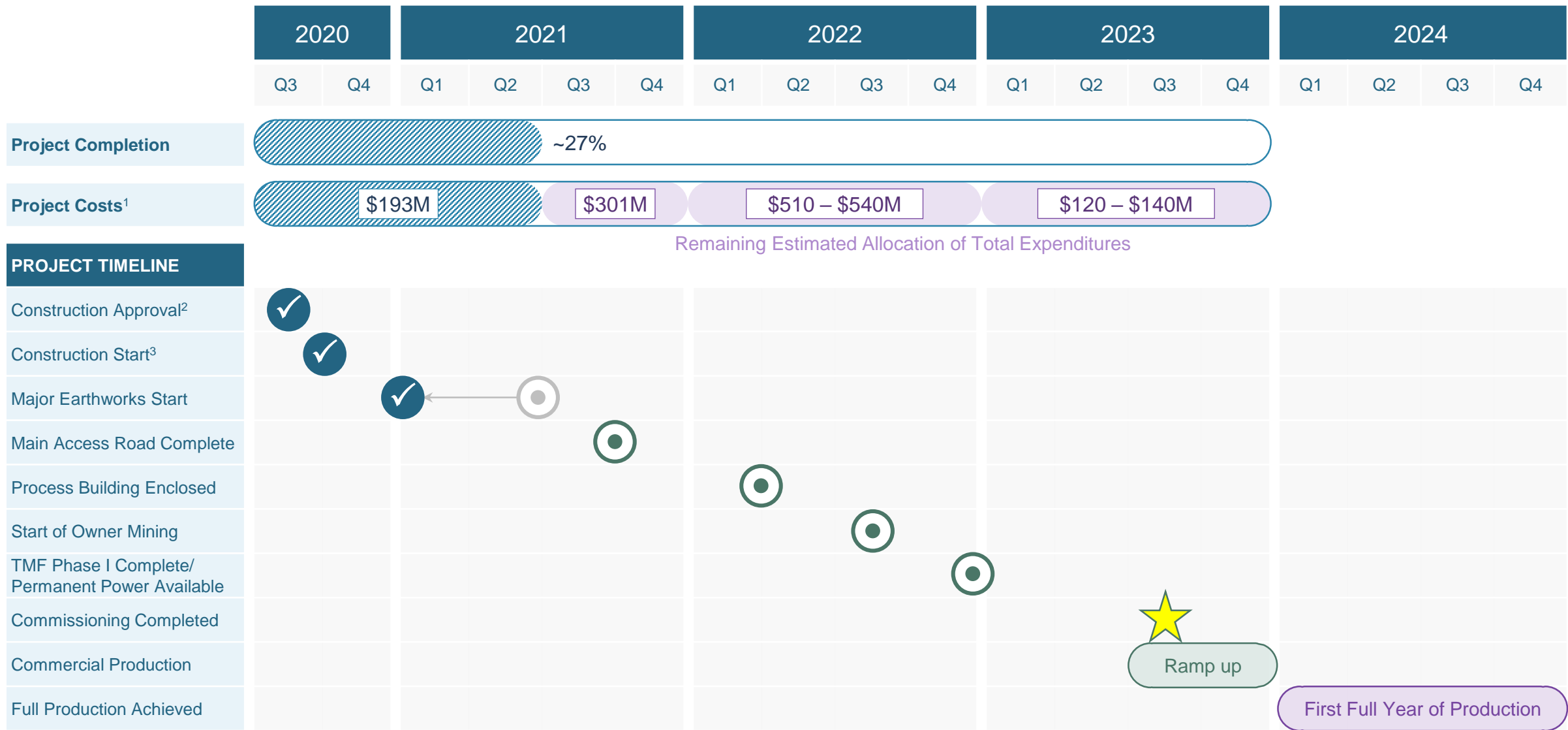
	July 2020	July 2021
Company's 70% share of project costs estimate	\$875 – \$925 million	\$1,125 – \$1,175 million ¹
Leasing (on a 70% project basis)	\$80 million	\$100 – \$120 million ²
USDCAD exchange rate	1.35	1.30
Expended – July 1, 2020 to June 30, 2021	–	\$193 million ³
Company's remaining 70% share of project costs estimate	\$875 – \$925 million	\$930 – \$980 million

Notes:

1. Total costs are approximately 95% capital expenditures and 5% non-capitalized costs. Approximately 95% of the estimated capital costs are in Canadian dollars. The Company has implemented a hedge program which includes USDCAD exchange rate hedging which is described in further detail in Market Risk section – Summary of Hedge Portfolio in the MD&A.
2. Leasing is net of lease payments during the construction period. Previously \$120 million at a USDCAD exchange rate of 1.30 (see news release dated May 3, 2021).
3. Recorded at an average USDCAD exchange rate of 1.2871.

*Structural, Mechanical, Piping, Electrical and Instrumentation.

Project Timeline – Key Milestones

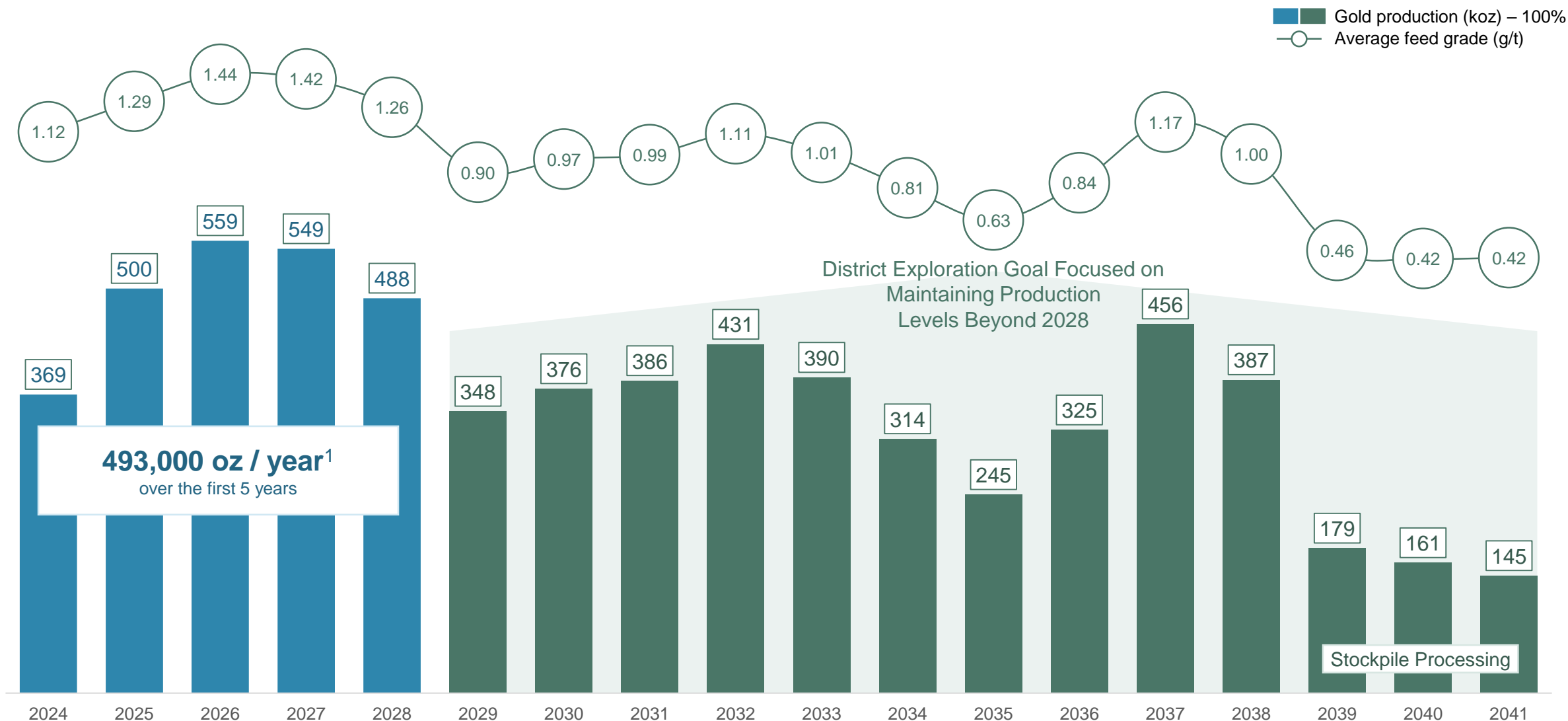


1. Actual expended costs to June 30, 2021, with the remaining estimated total costs to completion at an assumed USDCAD exchange rate of 1.30.
 2. Refer to IAMGOLD news release dated July 21, 2020. 3. Refer to IAMGOLD news release dated September 11, 2020.

Côté Construction Progress: July 2021

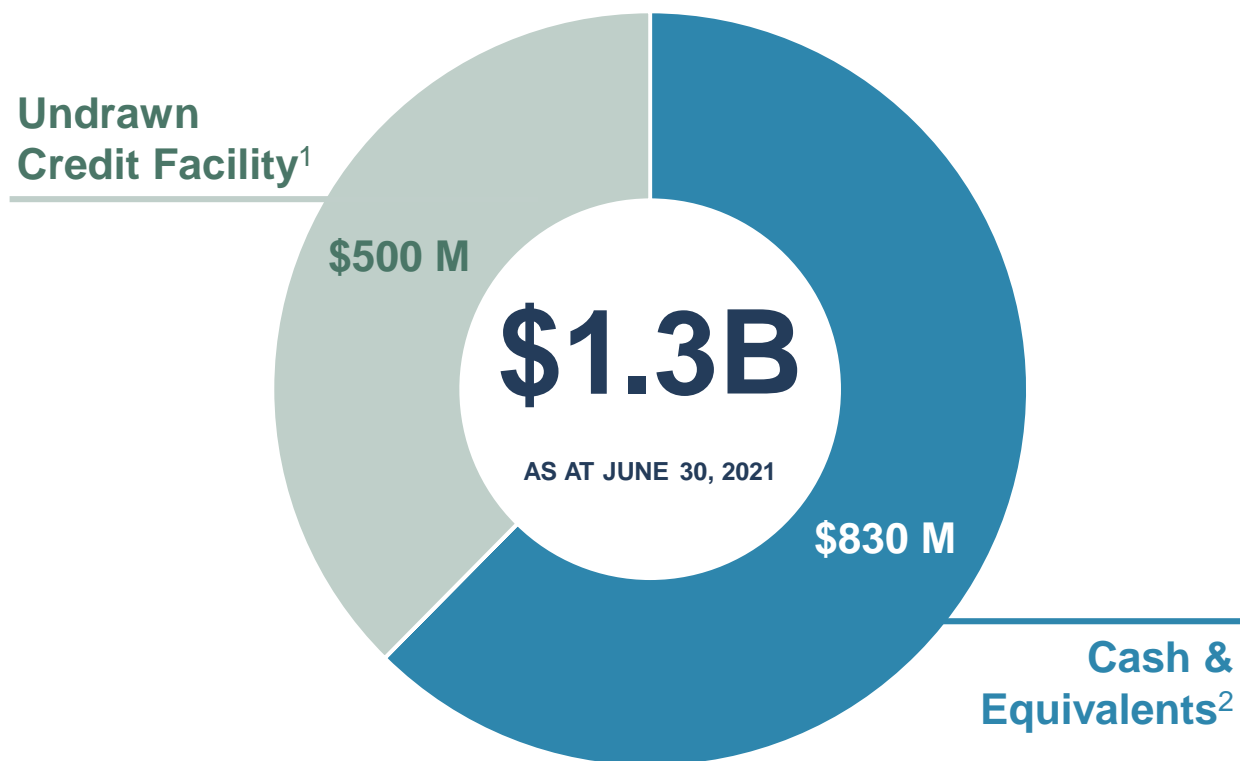


Côte Gold: Meaningful Scale and Mine Life (100% basis)



Liquidity Position

AVAILABLE LIQUIDITY



NET CASH

(In \$ Millions)	Q2 2021	Q1 2021	Q4 2020
Cash, equivalents & STI	\$829.8	\$967.8	\$947.5
Lease liabilities	(\$62.2)	(\$63.8)	(\$66.8)
Long term debt ³	(\$473.5)	(\$475.2)	(\$478.2)
Revolving credit facility	(\$1.8)	(\$1.8)	(\$1.7)
Net cash	\$292.3	\$427.0	\$400.8

\$450 M

SENIOR NOTES
OUTSTANDING

OCT. 15, 2028

MATURITY DATE

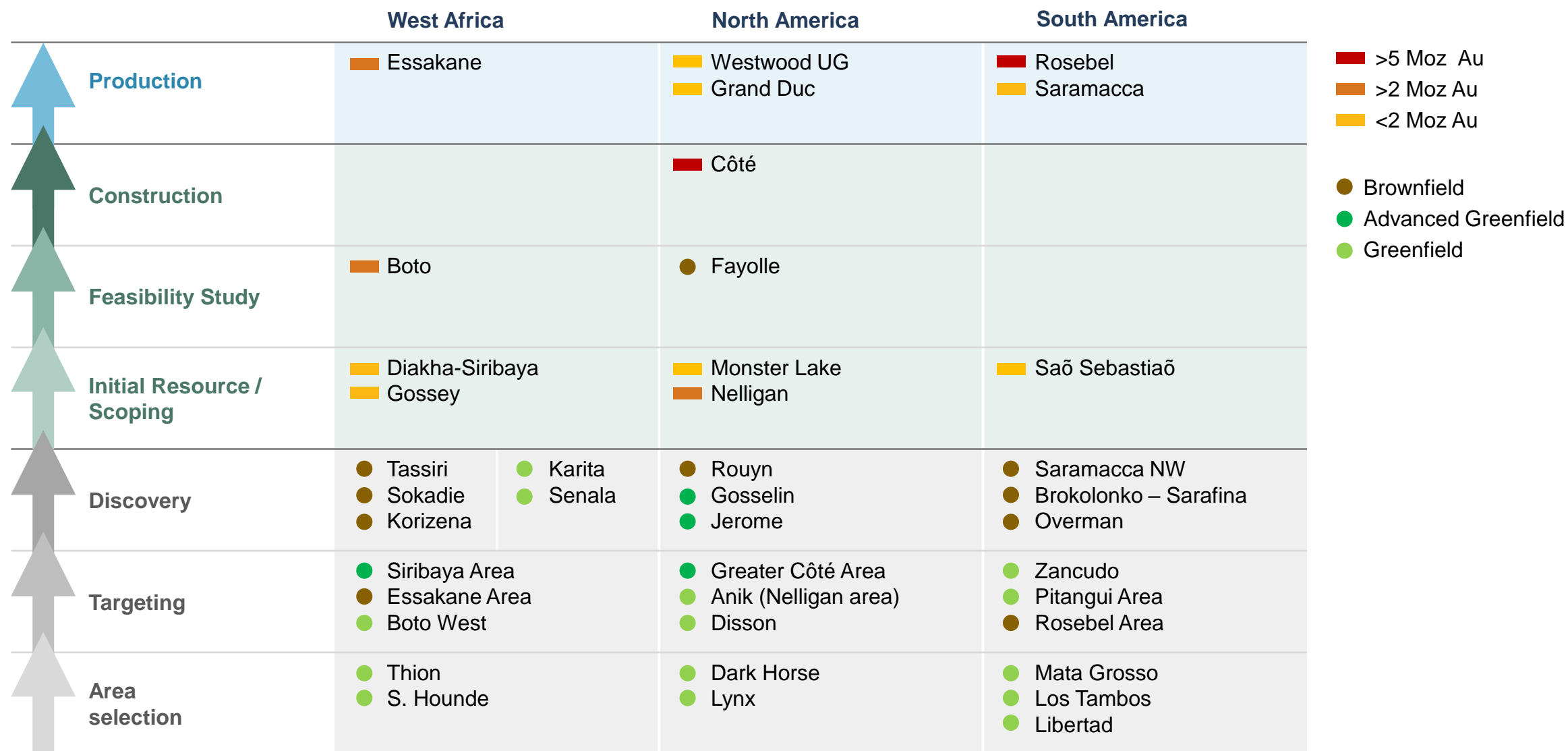
5.75%

COUPON RATE

B1 (Moody's) B+ (S&P)

CORPORATE DEBT RATING

Robust Exploration Pipeline



2021 Milestones¹

		Updated Target	Progress
Essakane	Completion of mill optimization project	Q1 2021	Completed
Rosebel	Completion of Saramacca non-critical infrastructure	H1 2022	Ongoing
Westwood	Westwood underground re-start ²	H2 2021	On track
Côte Construction	Start of major earthworks	Q2 2021	Early start in Q1
	Permanent camp commissioning	Q3 2021	On track
Boto Project	Access road & other project infrastructure ³	2021	Ongoing
Exploration	Gosselin maiden resource	Q4 2021	Ongoing
	Resource delineation: Abitibi, Chibougamau, Bambouk	2021	Ongoing

Operations



Photo: Wärtsilä, Essakane Mine

Hybrid Solar/Thermal Plant at Essakane Gold Mine

- Commissioned in 2018
- 15 MWp solar plant produces ~27 MWh of carbon-free electricity per year
- ~130,000 photovoltaic panels
- Supplements an existing 57 MW thermal plant
- One of the world's largest hybrid solar/thermal power plants

Essakane Gold Mine, Burkina Faso



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

OVERVIEW

Ownership	<ul style="list-style-type: none"> 90% IAMGOLD, 10% Government of Burkina Faso
Mining Method	<ul style="list-style-type: none"> Conventional open pit
Start-up	<ul style="list-style-type: none"> 2010
Mill Expansion (Hard Rock)	<ul style="list-style-type: none"> 2013/14: Hard rock plant expansion from 5.4 Mtpa to 10.8 Mtpa completed on time and under budget 2021: Expanded plant nameplate capacity on 100% hard rock from 10.8 Mtpa to 11.7 Mtpa
Mine Life	<ul style="list-style-type: none"> ~5 years¹ <p>Source: NI 43-101 (Q4/2019)</p>
H1 2021 Results	<ul style="list-style-type: none"> 208 koz at \$1,061/oz AISC
2021 Updated Guidance²	<ul style="list-style-type: none"> 390 – 400 koz \$45M sustaining capex \$95M expansion capex

KEY NOTES

CIL (carbon-in-leach) Debottlenecking

- ✓ Mill upgrade project completed in Q1 2021
- Equipment optimization ongoing to increase hard rock processing from 10.8 Mtpa to 11.7 Mtpa

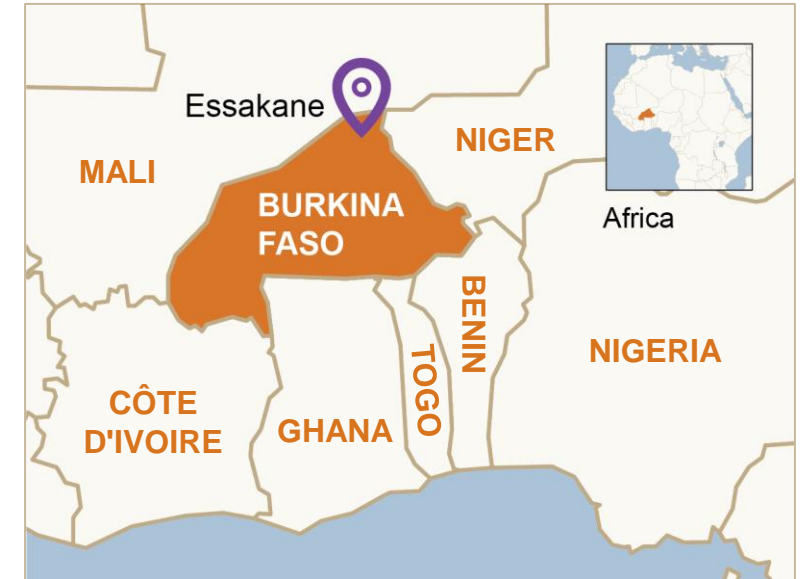
Satellite Prospects

- Evaluating resource potential of satellite prospects and identified targets within 1-15 km of mill

Community Relations

- ✓ Renewed 3 year CLA agreement in July 2021 to June 2024
- Proposal to advance Phase II of the Triangle d'Eau Project submitted – decision expected in 2022

North-eastern Burkina Faso, West Africa



Inauguration ceremony of a potable water treatment station in Dori, Burkina Faso

Rosebel Gold Mine, Suriname



Rosebel – Long Operating History with District Potential

OVERVIEW

Ownership	<ul style="list-style-type: none"> Gross Rosebel Concession (RGM): 95% IAMGOLD, 5% Government of Suriname Saramacca UJV: 70% RGM, 30% Staatsolie (66.5% IAMGOLD effective¹)
Mining Method	<ul style="list-style-type: none"> Conventional open pit
Start-up	<ul style="list-style-type: none"> 2004 Saramacca H2 2020
Mine Life	<ul style="list-style-type: none"> To 2033, with Saramacca² <p>Source: NI 43-101 (Q3/2018)</p>
H1 2021 Results	<ul style="list-style-type: none"> 72 koz at \$1,732/oz AISC
2021 Updated Guidance	<ul style="list-style-type: none"> 140 – 160 koz³ \$40M sustaining capex \$60M expansion capex

KEY NOTES

Saramacca Satellite Deposit

- ✓ Production ramp-up complete in 2020
- Non-critical infrastructure to be completed in H1 2022

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 socio-economic development, health and well-being of local communities

Brokopondo district in north-eastern Suriname



RCF and Ministry of Natural Resources partner on an LED street lighting and electrification project in Brokopondo

Rosebel: Focus Areas for the Remainder of 2021

Challenges	Mitigations
COVID-19 impacts on workforce availability and productivity	<ul style="list-style-type: none"> ➤ Mandatory antigen testing program implemented & all workers on the 14/7 work rotation being tested to reduce the impact on operations; ➤ Towards the end of Q2 and into July, cases in Suriname have been decreasing; ➤ Commissioned additional 360 beds at camp expected to safely accommodate the necessary workforce.
Flooding restricted access to higher grade benches	<ul style="list-style-type: none"> ➤ Focused on pit dewatering, clean up of excess water induced pit wall failures to re-establish access to lower elevations, addressing geotechnical issues, optimization of the mine design and sequence and in-pit road haulage improvements; ➤ These activities are expected to re-establish and increase push back access in H2, provide additional productive faces at Rosebel and increase the overall mined grade over the remainder of 2021 (below reserve grades); ➤ Conditions in the pits are being improved and the operation has met its updated plan for July.
Low equipment availability	<ul style="list-style-type: none"> ➤ Ongoing improvements to the maintenance program; ➤ Additional new mobile equipment scheduled to arrive in Q4 and expected to improve availability, loading and reduce reliance on higher-cost hauling contractors.
Lower recoveries and plant processing challenges	<ul style="list-style-type: none"> ➤ Initiated an asset integrity program with multiple improvement initiatives to be run over the next 18 months and to debottleneck congested mill areas.
Processing efficiency	<ul style="list-style-type: none"> ➤ Ongoing adsorption/desorption project, which is intended to improve efficiency of the carbon adsorption/desorption circuit.

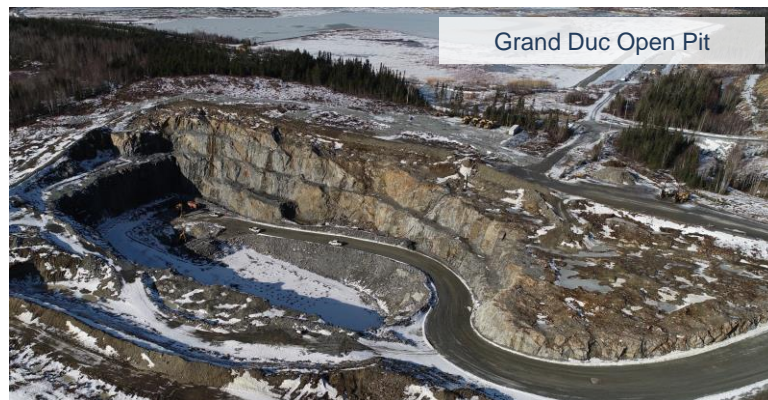
Westwood Gold Mine, Canada



Westwood – Established Base in Prolific Abitibi Gold Camp

OVERVIEW

Ownership	<ul style="list-style-type: none"> 100% IAMGOLD
Mining Method	<ul style="list-style-type: none"> Underground Grand Duc satellite open pit
Start-up	<ul style="list-style-type: none"> 2014
Mine Life	<ul style="list-style-type: none"> 2033+²
H1 2021 Results	<ul style="list-style-type: none"> 15 koz at \$1,743/oz AISC
2021 Updated Guidance¹	<ul style="list-style-type: none"> 35 – 45 koz \$15M sustaining capex \$5M expansion capex



KEY NOTES

Current Status

- ✓ Underground operations in the East Zone recommenced in June 2021
- Conditions in the West and Central Zones remain under assessment, with mining in these zones expected to resume in Q1 2022
- Work on a short-term 3 year operating plan expected to be completed before year-end

Resource Conversion

- Delineation drilling to target conversion of resources into reserves
- Focus on upgrading resources at the satellite Grand Duc open pit

Northwestern Québec, Canada



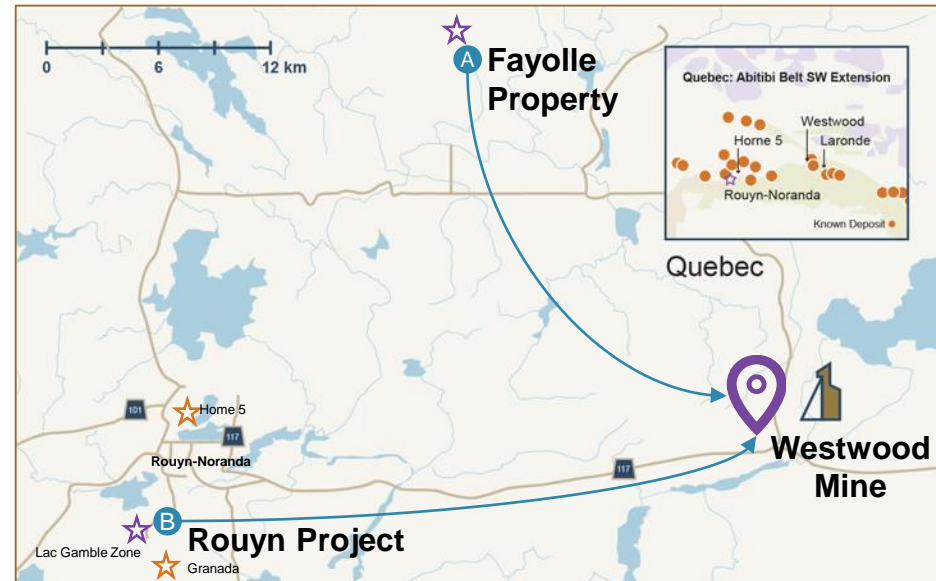
Westwood – “Hub-and-Spoke” Model

ATTRACTIVE DISTRICT EXPLORATION POTENTIAL¹ THAT COULD SUPPLEMENT EXCESS MILL CAPACITY

FAYOLLE PROPERTY (OP) A

100% ACQUIRED FROM MONARCH GOLD IN JUNE 2020

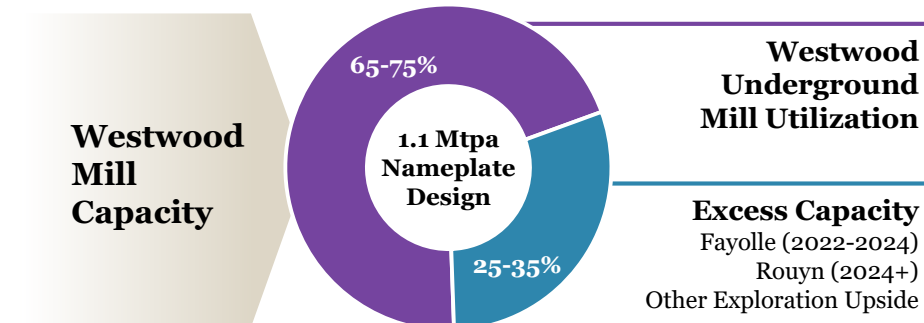
- ~35 km northeast of Rouyn-Noranda and ~29 km northwest from Westwood
- 39 mineral claims covering an area of 1,373 hectares (14 km²)
- **Resource estimate work ongoing with focus on high-grade near-surface mineralization**
- **Target production 20-25koz over 2 years, commencing Q4 2022, pending permitting¹**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



ROUYN GOLD PROJECT (UG) B

OPTION TO ACQUIRE 100% FROM YORBEAU RESOURCES

- 4 km south of Rouyn-Noranda and ~40 km west from Westwood
- 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**
- Drill highlights³:
 - 9.8 m grading 27.8 g/t
 - 9.8 m grading 10.4 g/t
 - 29.7 m grading 9.0 g/t
 - 7.6 m grading 9.7 g/t

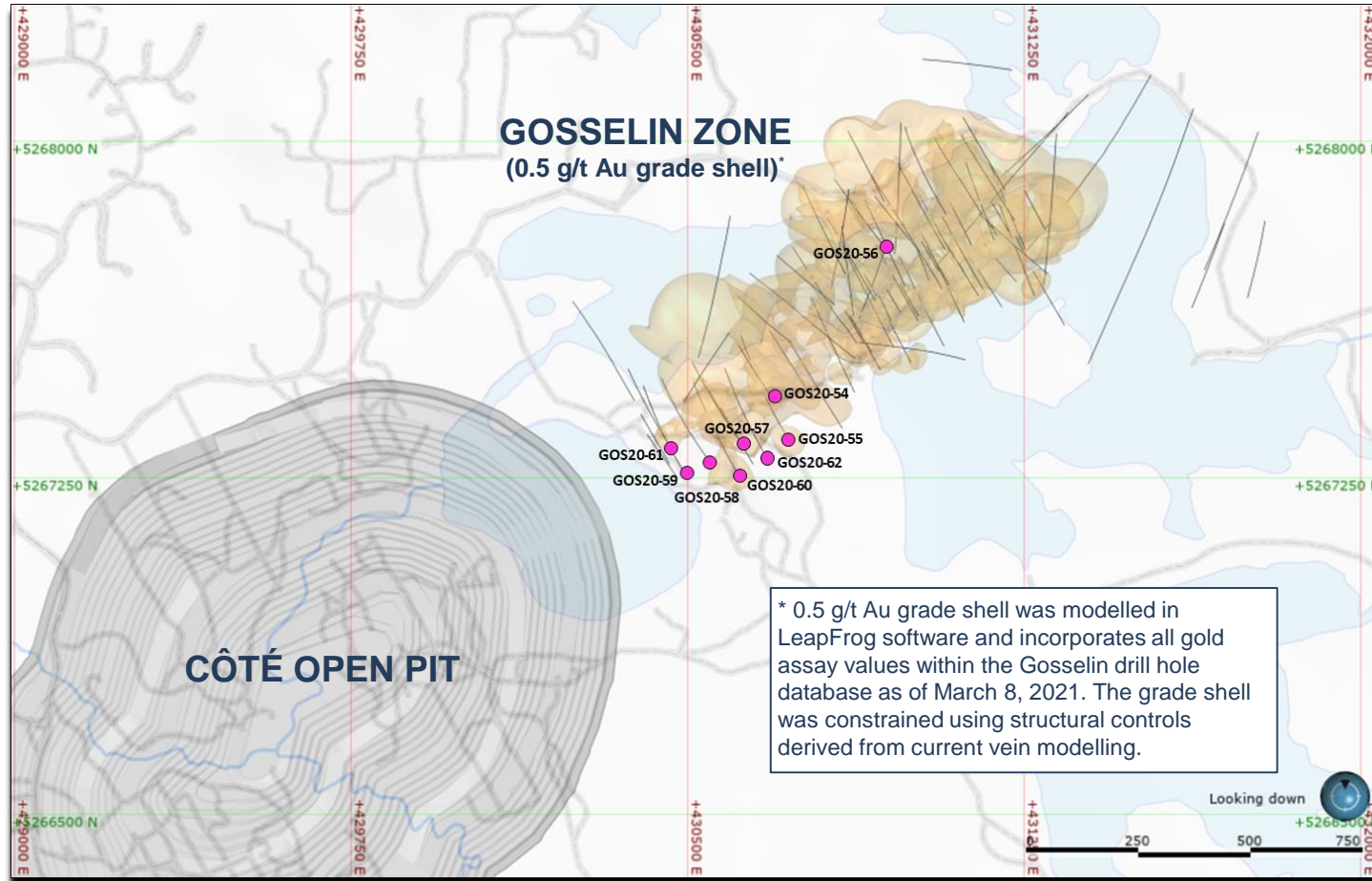


Development and Exploration Projects



Gosselin Zone: Exploration Target Potential* of 3-5 Moz Near Côté

Ontario, Canada (64.75% ownership¹)



2021 OUTLOOK

- Côté district greenfield budget of \$2.8 million
- ~13,000-16,000 metres of planned diamond drilling, with 10,200 metres completed in H1 2021
- Targeting maiden resource estimate in Q4 2021

DRILL HIGHLIGHTS (2019/2020)²

- **342.5 metres at 0.98 g/t Au**
 - incl. 225.0 metres at 1.34 g/t Au
- **412.0 metres at 1.28 g/t Au**
 - incl. 221.4 metres at 1.47 g/t Au
- **353.0 metres at 1.04 g/t Au**
 - incl. 46.0 metres at 3.39 g/t Au
- **202.0 metres at 1.22 g/t Au**
 - incl. 151.0 metres at 1.50 g/t Au
- **86.0 metres at 5.57 g/t Au**
 - incl. 30.4 metres at 14.70 g/t Au

* Refer to Exploration Target Potential cautionary language on slide 3.

Bambouk District: Boto – Karita – Diakha-Siribaya

Boto Gold (90% ownership)

1.6Moz
RESERVES¹

2.0Moz
M&I RESOURCES¹

0.7Moz
INFERRED¹

- Along same trend as B2Gold's Fekola Mine in Mali
- Mining permit received in 2019 for a period of 20 years²
- 2019 Optimization Study outlines an 11 year mine life producing 160 kozpa of gold in the first 6 years
- Advancing an early works package in 2021, including establishing permanent access to the site

Karita Discovery (100% ownership)

**EXPLORATION
STAGE**

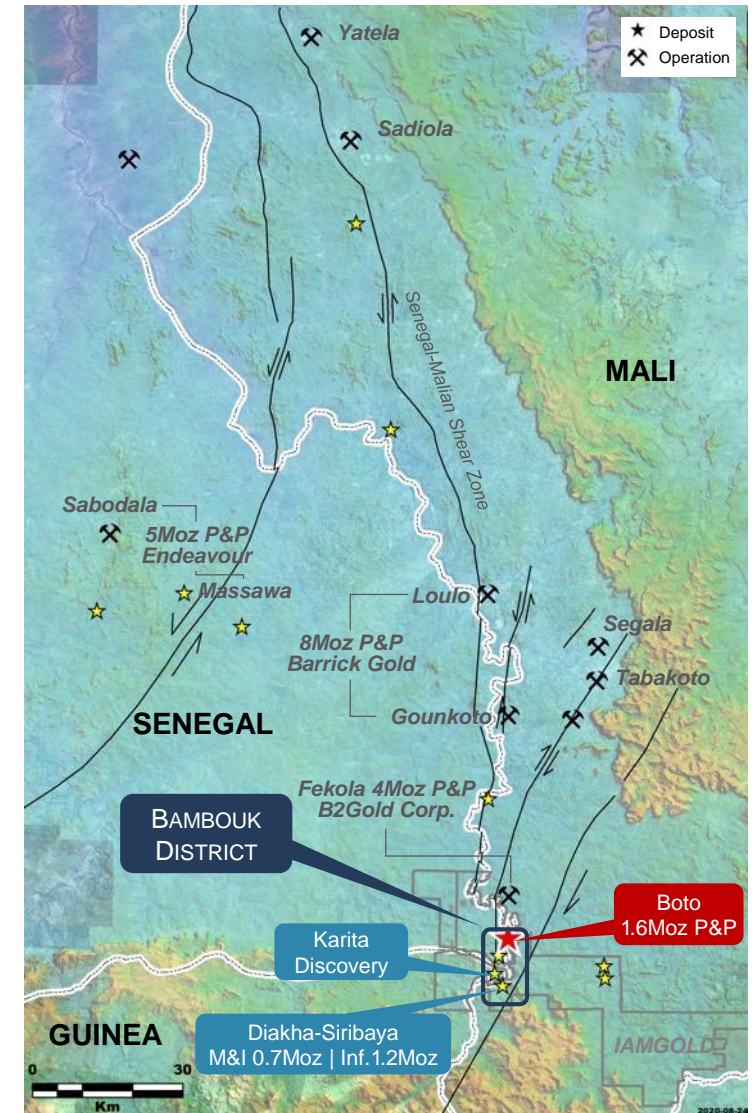
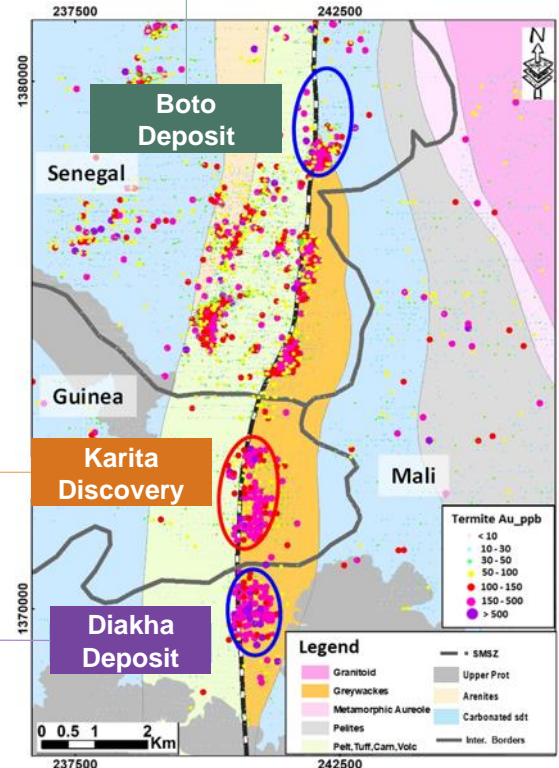
- Located in north-eastern Guinea covering an area of 100 km²
- Acquired 100% in 2017 as a granted exploration permit
- 2021 delineation drilling program under assessment
- Highlight intercepts: 29m @ 2.96 g/t; 21m @ 9.01 g/t³

Diakha Deposit (90% ownership)

0.7Moz
INDICATED¹

1.2Moz
INFERRED¹

- Located less than 1 km south of Karita across the border of western Mali
- 8 contiguous exploration permits covering 596.5 km²
- Hosts an indicated resource of 18.0 Mt grading 1.28 g/t inferred resource of 23.2 Mt grading 1.58 g/t⁴



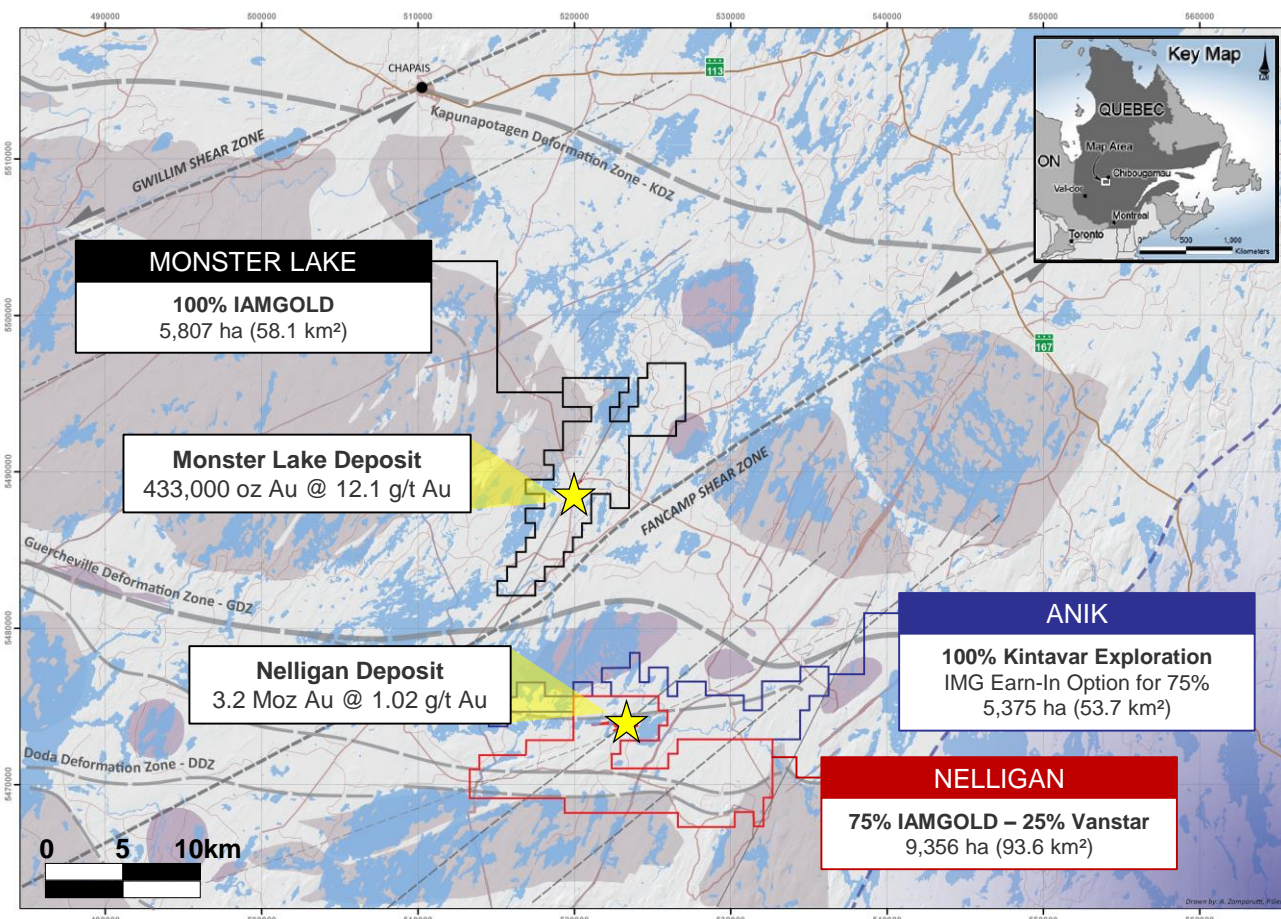
Chibougamau: Emerging Prospective District in Québec, Canada

NELLIGAN (75% JV INTEREST)

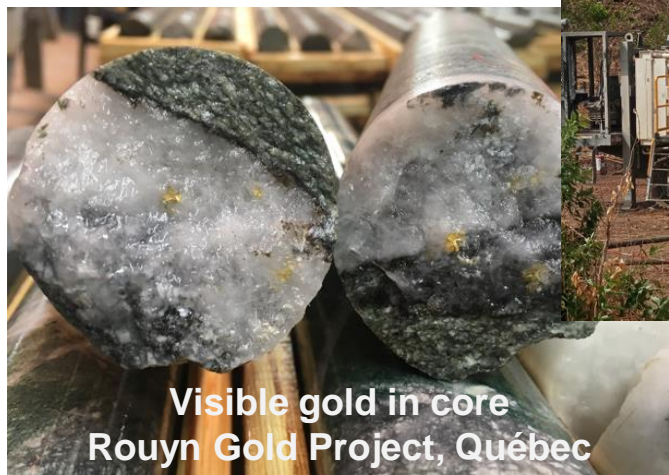
- Located 60 kilometres southwest of Chibougamau, Québec
- Exercised option to increase undivided interest to 75% (from 51%), following completion of NI 43-101 Technical Report
- Completed initial resource estimate, comprising 97 million tonnes grading 1.02 g/t Au for 3.2 Moz¹
- Awarded **2019 AEMQ Discovery of the Year**
- 2020 drilling highlights²:
 - 39.1 metres @ 2.14 g/t Au
 - 17.3 metres @ 7.62 g/t Au

MONSTER LAKE (100% INTEREST)

- 15 kilometres north of Nelligan
- Consolidated 100% ownership in 2020
- Hosts an inferred resource of 1.1 million tonnes grading 12.1 g/t for 433,000 oz¹
- 2020 drilling highlights³:
 - 3.8 metres @ 16.9 g/t Au
 - 2.8 metres @ 5.63 g/t Au
 - 12.3 metres @ 2.09 g/t Au

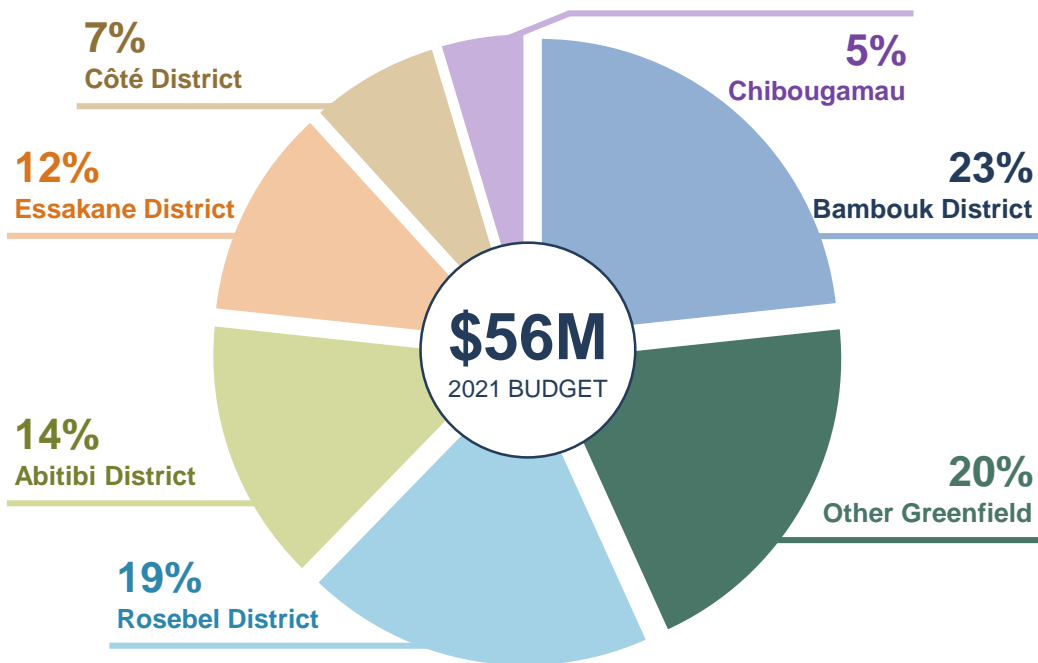


Advancing Exploration Activities in Key Districts

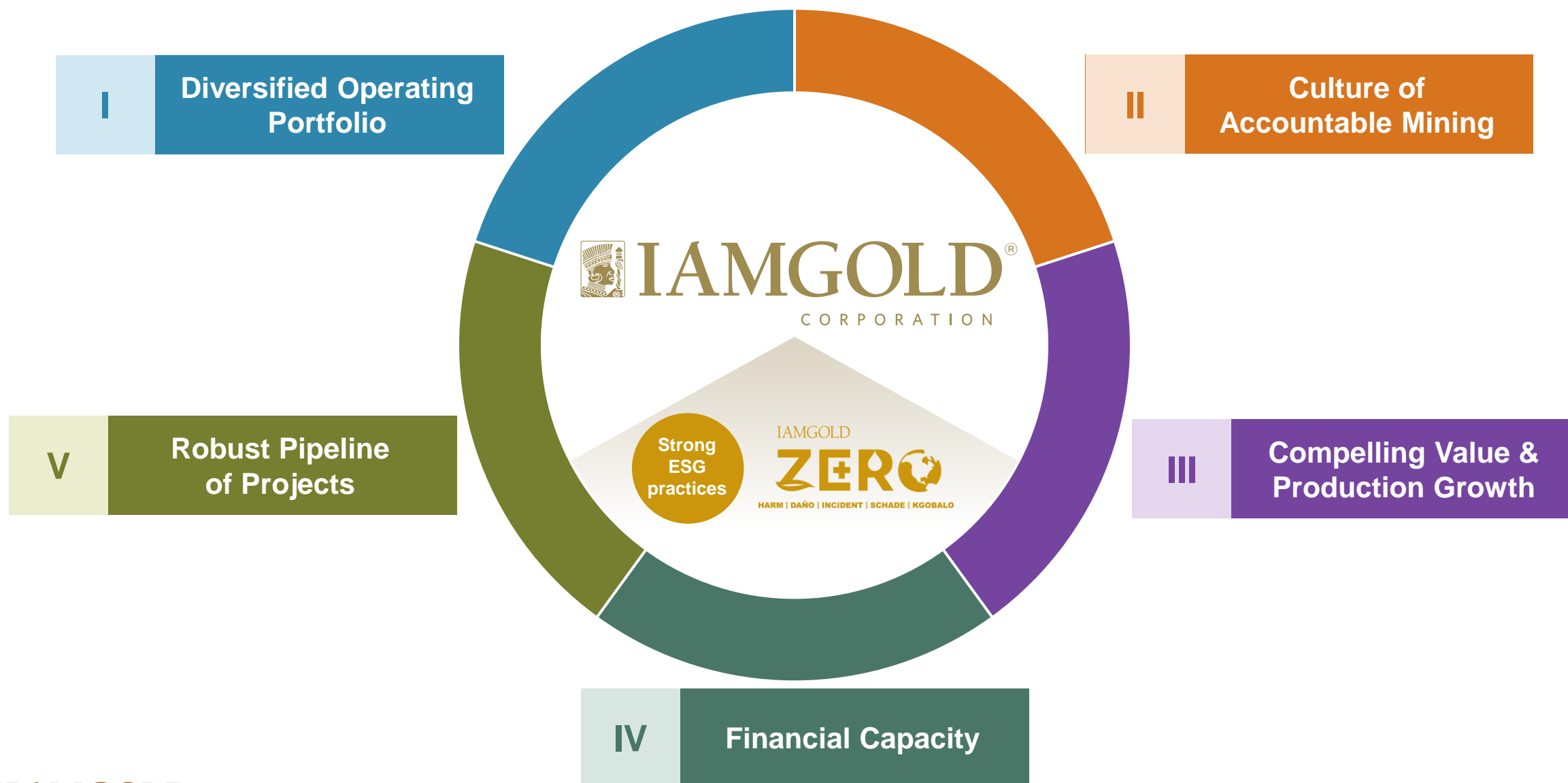


2021 EXPLORATION BUDGET

(US\$ millions)	H1 2021	2021 Guidance
Exploration – Greenfield	\$14.8	\$33
Exploration – Brownfield ¹	\$9.3	\$23
Total Exploration Expenditures	\$24.1	\$56



IAMGOLD – Positioned for Profitable Growth



Appendix

2021 Updated Outlook¹

PRODUCTION & COST GUIDANCE vs YTD 2021

(000s oz)	2021 GUIDANCE ¹	Actual YTD 2021
Essakane (90%)	390 – 400	208
Rosebel (95%)	140 – 160	72
Westwood (100%)	35 – 45	15
Total Attributable Production	565 – 605	295
Cost of sales² (\$/oz)	\$1,155 – \$1,190	\$1,110
Total cash costs^{2,3} (\$/oz)	\$1,115 – \$1,150	\$1,064
All-in sustaining costs^{2,3} (\$/oz)	\$1,395 – \$1,435	\$1,324

1. The updated full year guidance is based on the following 2021 full year assumptions: average realized gold price of \$1,745 per ounce, USDCAD exchange rate of 1.22, EURUSD exchange rate of 1.20 and average crude oil price of \$65 per barrel.

2. Consists of Essakane, Rosebel and Westwood on an attributable basis of 90%, 95% and 100%, respectively.

3. This is a non-GAAP performance measure. See "Non-GAAP Performance Measures".

CAPITAL EXPENDITURE GUIDANCE vs YTD 2021¹

	Sustaining		Expansion ¹		Total	
(\$ millions)	Guidance	YTD	Guidance	YTD	Guidance	YTD
Essakane	\$45	\$16.7	\$95	\$33.1	\$140	\$49.8
Rosebel ²	40	18.1	60	26.5	100	44.6
Westwood	15	2.5	5	1.8	20	4.3
Operating	\$100	\$37.3	\$160	\$61.4	\$260	\$98.7
Côte Gold (70%)	–	–	430	133.1	430	133.1
Boto Gold	–	–	55	22.7	55	22.7
Corporate	–	0.3	–	–	–	0.3
Total (±5%)^{3,4,5}	\$100	\$37.6	\$645	\$217.2	\$745	\$254.8

1. Expansion capital includes capitalized stripping of \$70 million for Essakane and \$30 million for Rosebel.

2. Rosebel includes Saramacca at 70%. In addition to approximately \$430 million in capital expenditures estimated for Côte Gold, the Company expects to spend an additional \$11 million in non-capital costs for total estimated 2021 project costs of approximately \$441 million.

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

4. Capitalized borrowing costs are not included.

5. In addition to the above capital expenditures, \$21 million in total principal lease payments are expected.

H1 2021 Operating Highlights

	Attributable Production (000s oz)	Cash Costs¹ (\$/oz sold)	AISC¹ (\$/oz sold)	Capital Expenditures² (\$ millions, 100%)
Essakane (90%)	208	\$913	\$1,061	\$49.8
Rosebel (95%)	72	\$1,412	\$1,732	\$44.6
Westwood (100%)	15	\$1,552	\$1,743	\$4.3
Project Expansion (Côté 70%, Boto)	—	—	—	\$155.8
YTD 2021³	295	\$1,064	\$1,324	\$254.8
2021 Updated Guidance (prior guidance)	565 – 605 (630 – 700)	\$1,115 – \$1,150 (\$930 – \$980)	\$1,395 – \$1,435 (\$1,230 – \$1,280)	\$745 (\$710)

Reducing Input Exposure Through Hedging

	2021	2022	2023	2024
Foreign Currency				
Canadian dollar contracts ¹ (millions of C\$)	156	330	185	—
Rate range ¹ (USDCAD)	1.28 – 1.47	1.30 – 1.48	1.30 – 1.46	—
Hedge ratio ²	31%	37%	38%	—
Commodities^{3,4}				
Brent oil contracts (barrels, 000s)	294	520	428	270
Contract price range (\$/barrel of crude oil)	54 – 65	50 – 65	41 – 65	41 – 55
Hedge ratio ²	77%	71%	57%	37%
WTI oil contracts (barrels, 000s)	308	573	473	270
Contract price range (\$/barrel of crude oil)	31 – 62	38 – 62	36 – 60	38 – 50
Hedge ratio ²	98%	90%	70%	40%
Gold bullion option contracts (ounces, 000s)	98	38	93	—
Gold sale prepayment arrangements (ounces, 000s) ⁵	—	150	—	150
Contract price range (\$/ounce)	1,600 – 3,000	1,300 – 3,000	1,700 – 2,700	1,700 – 2,100
Hedge ratio ²	29%	28%	10%	11%

Notes:

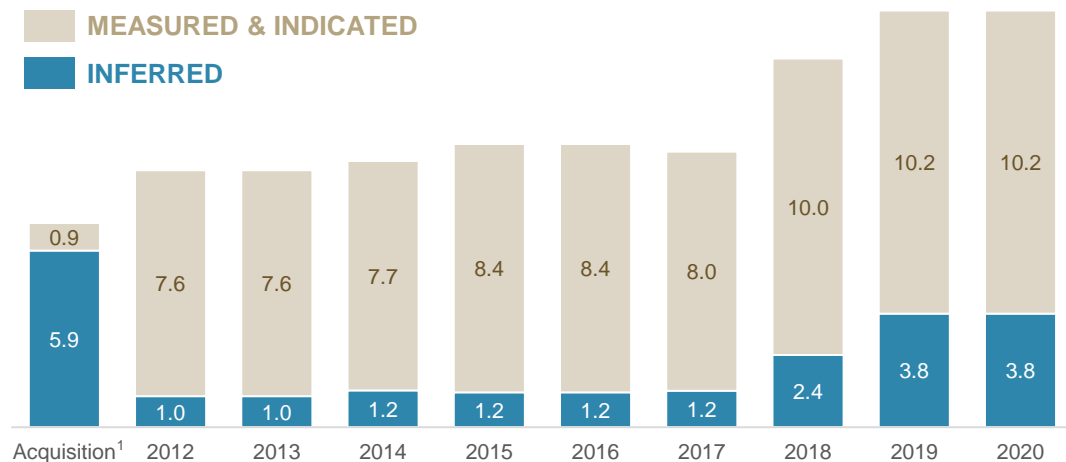
1. The Company executed Canadian dollar collar options, which consist of Canadian dollar call and put options within the given range in 2021 through 2023. The Company will recognize a gain from the difference between a lower market price and the Canadian dollar call strike price. The Company will incur a loss from the difference between a higher market price and the Canadian dollar put strike price. 2022 includes the Target Accrual Redemption Forward ("TARF") discussed in more detail in the MD&A.
2. The Company calculates hedge ratios based on future estimates of operating and capital expenditures (such as its Canadian dollars operating and capital expenditures at Westwood, Côté Gold and its corporate office), future estimated uses of commodities and future estimated production. Outstanding hedge derivative contracts and derivative contracts are allocated based on a specified allocation methodology.
3. 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 2021 through 2024. 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.
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 2024. 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.
5. 2022 includes a 150,000 ounce gold prepay entered into in 2019 with a collar range of \$1,300 – \$1,500/oz. 2024 includes a 150,000 ounce prepay entered into in 2021 to be funded in 2022 and settled in 2024. For more detail please refer to the "Financial Condition – Liquidity and Capital Resources" section of the most recent MD&A.

Côté Gold – Mineral Reserves and Resources (100% Basis)

UNLOCKED SIGNIFICANT EXPLORATION VALUE SINCE 2012 ACQUISITION

(100% basis, Moz Au)

Mineral Resources



Mineral Reserves



Côté Mineral Reserves & Resources (YE20)²

Category	Tonnes (000's)	Grade (g/t)	Ounces (000's)
Proven & Probable	233,000	0.97	7,284
Measured & Indicated ³	365,500	0.87	10,200
Inferred	189,600	0.63	3,820

2.1x increase in total resources since acquisition

73% of the deposit has been classified as M&I resources

71% of M&I resources converted to P&P reserves

Gold Mineral Reserves – Attributable

As at December 31, 2020

DEPOSIT	Effective Ownership	Location	PROVEN			PROBABLE			TOTAL RESERVES		
			Tonnes (000's)	Grade (g/t)	Ounces (000's)	Tonnes (000's)	Grade (g/t)	Ounces (000's)	Tonnes (000's)	Grade (g/t)	Ounces (000's)
Rosebel ¹	95%	Suriname	24,087	0.6	479	84,017	1.0	2,709	108,105	0.9	3,188
Saramacca ¹	66.5%	Suriname	417	0.5	7	15,439	1.9	951	15,856	1.9	958
Essakane ¹	90%	Burkina Faso	27,074	0.5	426	74,764	1.1	2,589	101,838	0.9	3,014
Westwood ^{1,2}	100%	Canada	426	8.0	109	3,527	4.6	517	3,953	4.9	626
Côte Gold ¹	64.75%	Canada	90,166	1.0	3,004	60,701	0.9	1,712	150,868	1.0	4,716
Boto Gold ¹	90%	Senegal	—	—	—	26,136	1.7	1,434	26,136	1.7	1,434
TOTAL RESERVES ³			142,171	0.9	4,026	264,585	1.2	9,912	406,755	1.1	13,937

¹ Rosebel, Saramacca, Essakane, Westwood, Côte Gold and Boto Gold Mineral Reserves have been estimated using a \$1,200/oz gold price as of December 31, 2020.

² The Grand Duc Mineral Reserve estimate is included in the Westwood Mineral Reserve estimate. The Grand Duc Mineral Reserves have been estimated using a 0.42 g/t Au cut-off grade and a gold price of \$1,350/oz.

³ Due to rounding, numbers presented throughout this document may not add up precisely to the totals.

Gold Mineral Resources^{1,2} – Attributable

(Measured & Indicated Resources are inclusive of Proven & Probable Reserves)

As at December 31, 2020

DEPOSIT	Effective Ownership	Location	MEASURED			INDICATED			MEASURED + INDICATED			INFERRED		
			Tonnes (000's)	Grade (g/t)	Ounces (000's)	Tonnes (000's)	Grade (g/t)	Ounces (000's)	Tonnes (000's)	Grade (g/t)	Ounces (000's)	Tonnes (000's)	Grade (g/t)	Ounces (000's)
Rosebel ³	95%	Suriname	29,430	0.6	594	230,649	0.9	6,914	260,079	0.9	7,508	59,745	0.9	1,678
Saramacca ³	66.5%	Suriname	417	0.5	7	16,697	2.1	1,106	17,114	2.0	1,113	7,368	0.7	172
Essakane ³	90%	Burkina Faso	27,021	0.5	426	99,390	1.1	3,403	126,411	0.9	3,829	9,236	1.1	317
Westwood ⁴	100%	Canada	907	13.2	384	6,299	6.1	1,240	7,206	7.0	1,624	7,071	8.0	1,809
Côte Gold ³	64.75%	Canada	98,485	1.0	3,056	138,177	0.8	3,548	236,662	0.9	6,604	122,766	0.6	2,473
Boto Gold ³	90%	Senegal	–	–	–	36,510	1.6	1,830	36,510	1.6	1,830	7,376	1.8	422
Gossey ³	90%	Burkina Faso	–	–	–	9,409	0.9	262	9,409	0.9	262	2,645	0.9	77
Nelligan ³	75%	Canada	–	–	–	–	–	–	–	–	–	72,743	1.0	2,396
Monster Lake ³	100%	Canada	–	–	–	–	–	–	–	–	–	1,110	12.1	433
Pitangui ³	100%	Brazil	–	–	–	3,330	4.4	470	3,330	4.4	470	3,559	3.8	433
Diakha-Siribaya ³	90%	Mali	–	–	–	16,228	1.3	669	16,228	1.3	669	20,861	1.6	1,058
TOTAL RESOURCES ⁵			156,259	0.9	4,468	556,689	1.1	19,442	712,948	1.0	23,910	314,479	1.1	11,268

For notes accompanying Gold Mineral Resources, please refer to the following slide.

Notes to the Gold Mineral Resources Statement

- 1 In mining operations, Measured Mineral Resources and Indicated Mineral Resources that are not Mineral Reserves are considered uneconomic at the price used for Mineral Reserve estimations but are deemed to have a reasonable prospect of economic extraction.
- 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 Reserve and Mineral Resource Estimates”.
- 3 Rosebel, Saramacca, Essakane, Côté Gold, Boto Gold, Nelligan, Gossey, Monster Lake, and Diakha-Siribaya and Pitangui Mineral Resources have been estimated as of December 31, 2020 using a \$1,500/oz gold price and have been estimated in accordance with NI 43-101.
- 4 Westwood Mineral Resources have been estimated as of December 31, 2020 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. The Grand Duc Mineral Resource estimate is included in the Westwood Mineral Resources. Grand Duc Mineral Resources have been estimated using a 0.39 g/t Au cut-off grade and a gold price of \$1,500/oz
- 5 Due to rounding, numbers presented throughout this document may not add up precisely to the totals.

Notes

Notes



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