

### **Cautionary Statement**

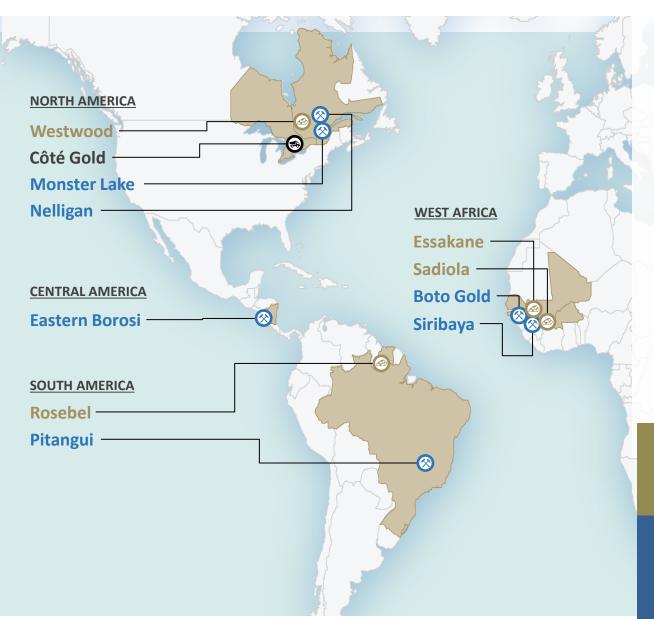
All information included in this presentation, including any information as to the Company's future financial or operating performance, and other statements that express management's expectations or estimates of future performance, other than statements of historical fact, constitute forward looking 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.

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 <a href="https://www.sedar.com">www.sedar.com</a>, and filed under Form 40-F with the United States Securities Exchange Commission at <a href="https://www.sec.gov/edgar.shtml">www.sec.gov/edgar.shtml</a>. The risks described in the Annual Information Form (filed and viewable on <a href="https://www.sec.gov/edgar.shtml">www.sec.gov/edgar.shtml</a>, 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.



### Targeting 1M Ounces in Annual Production at an AISC of \$900-\$950 by 2020\*



#### Westwood<sup>1</sup>

Mine life: ~20 yrs M&I Resources: 1,186 oz Inferred Resources: 2,223 oz

#### Sadiola<sup>1</sup>

Mine life: ~2+ yrs M&I Resources: 2,911 oz Inferred Resources: 425 oz

#### Essakane<sup>1</sup>

Mine life: ~8 yrs M&I Resources: 4,155 oz Inferred Resources: 439 oz

#### Rosebel<sup>1</sup>

Mine life: ~7 yrs
M&I Resources: 5,724 oz
Inferred Resources: 601 oz

### Côté Gold<sup>1</sup>

Mine life: ~17 yrs M&I Resources: 5,204 oz Inferred Resources: 791 oz

**813,000** oz

Produced in 2016

**20,872** M oz

Total Measured & Indicated Resources<sup>2</sup>

<sup>\*</sup> All numbers presented herein, with the exception of mine life which is subject to change, are based on an attributable basis.

<sup>&</sup>lt;sup>1</sup> See mineral reserve and resource estimates with associated notes in appendix on slides 32 & 33.

<sup>&</sup>lt;sup>2</sup> Includes reserves. See mineral reserve and resource estimates with associated notes in appendix on slides 32 & 33.

# **Executing on Strategy with Results**

Objective	Progress	Target
Increase Reserves	<ul> <li>Signed \$195 million JV partnership with Sumitomo Metal Mining for a 30% ownership in the Côté Gold Project</li> <li>Announced positive results from a Prefeasibility Study for the Côté Gold Project, resulting in a 49% increase in Reserves</li> </ul>	Build Cote and put into production
Increase production by 20-25% through organic & Extending mine lives	Essakane Initiated mining at Essakane's Falagountou  Started heap leach technical study for low and marginal grade material Essakane	Become a 1 million ounce gold producer
	Rosebel  On track to deliver maiden resource report for Rosebel's Saramacca deposit.	by 2020
	Sadiola  Received Board approval for Sadiola Sulphides Project	Add 1 million ounces of Reserves and Resources by 2020 (net of
	<ul> <li>Westwood</li> <li>Production ramp-up continues with 25km of development completed in 2016 and 20km planned for 2017</li> </ul>	mining depletion)
Strengthen Balance Sheet	Reduced long-term debt by 32% in 2017	
	Extended bond maturity from 2020 to 2025	Leverage target of Total
	<ul> <li>\$1.1 billion in total liquidity - \$679 million in accessible cash &amp; cash equivalents and ~\$250 million unutilized credit facility.</li> </ul>	Debt / EBITDA less than 2.0x



### Q1'17 – Strong Operational and Financial Performance Year over Year

	Q1′17	Q1′16	Variance
Attributable production (000s oz)	214,000 oz	191,000 oz	12%
Attributable sales (000s oz)	212,000 oz	191,000 oz	11%
Cost of sales (\$/oz) <sup>3</sup>	\$769/oz	\$827/oz	(7%)
Total cash costs (\$/oz) <sup>2</sup>	\$766/oz	\$746/oz	3%
AISC (\$/oz) <sup>2</sup>	\$992/oz	\$1,084/oz	(8%)
Gross profit	\$35.0 million	\$6.5 million	438%
Adjusted net earnings <sup>1,2</sup>	\$5 million	(\$7 million)	171%
Adjusted EPS (\$/share) <sup>1,2</sup>	\$0.01	(\$0.02)	150%
Net operating cash flow	\$68 million	\$51 million	33%
Capital Expenditures	\$48 million	\$71 million	(32%)

# Seventh Consecutive Quarter with Improved Performance

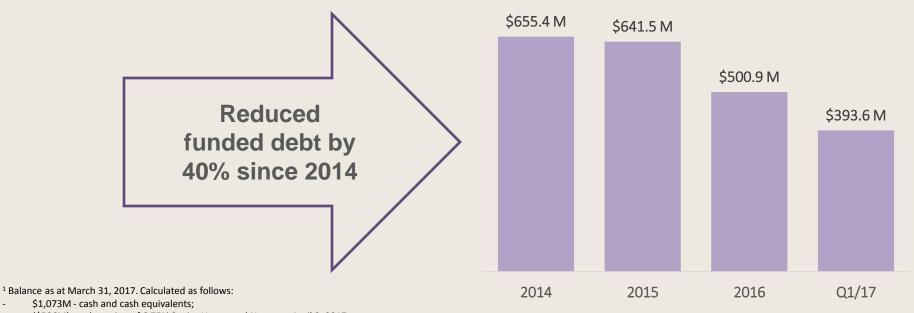
<sup>1</sup> Attributable to equity holders.

<sup>2</sup> This is a non-GAAP measure. Refer to the non-GAAP performance measures section of the MD&A for more information.

<sup>3</sup> Cost of sales, excluding depreciation, as disclosed in note 27 of the Company's consolidated interim financial statements on an attributable ounce sold basis (excluding the non-controlling interests of 10% at Essakane and 5% at Rosebel, and does not include Joint Ventures which are accounted for on an equity basis.

## Liqudity

	\$ Millions
Cash, cash equivalents and restricted cash <sup>1</sup>	\$660
Gross proceeds from sale of 30% Cote net assets <sup>2</sup>	195
Available senior credit facility as at March 31, 2017	247
Total Liquidity	\$1,102





<sup>(\$506</sup>M) - redemption of 6.75% Senior Unsecured Notes on April 3, 2017;

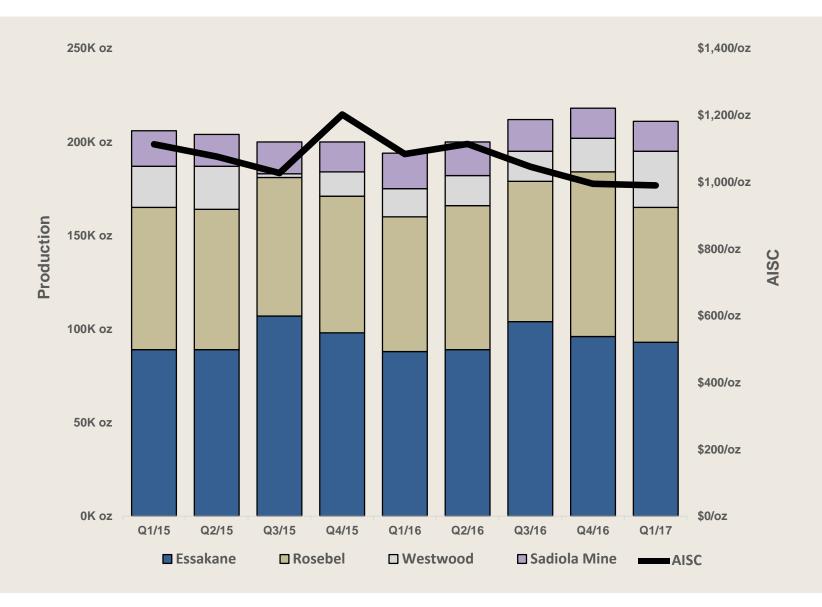
<sup>\$93</sup>M - short-term restricted cash;

<sup>\$660</sup>M – Total cash, cash equivalents and restricted cash

<sup>&</sup>lt;sup>2</sup> Includes a \$95M receivable upon the earlier of a) 18 months following the closing date b) the date the Cote Project feasibility study is made available to the public



# Production Up, Costs Down



### Transforming Rosebel - Suriname (95%)

#### Saramacca

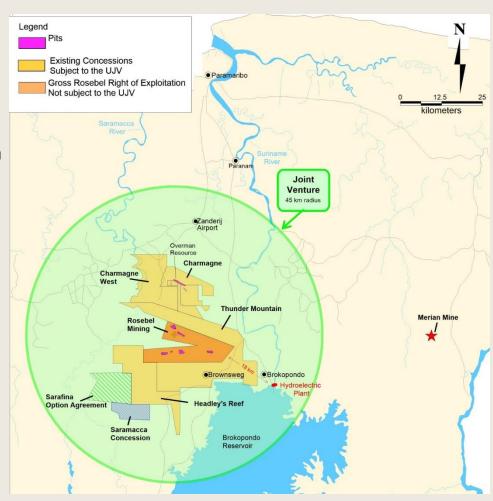
- Acquired rights to Saramacca in 2016
- 25km southwest from Rosebel mill
- Historical data suggested 0.5-1.4M oz @ 1.0-1.8g/t Au
- Results to date confirm significant mineralization, eclipsing earlier estimates. Highlights\* include:
  - 60.5 m @ 40.91 g/t Au, Including: 19.5 m @75.91 g/t Au
  - 52.6 m @ 5.33 g/t Au
- Targeting initial resource estimate Q3/17

### **Saddle Zones**

- Preliminary drilling between historic pits to evaluate opportunities for near-mill, low-stripping, soft ore
- 1-2 year timeframe to identify new oxide reserves

### **Major Mill Improvements**

- Installed power flex drive to increase torque capacity in the SAG mill;
- New liner design in the grinding circuit
- Commissioned secondary crusher to increase grinding capacity of hard rock





<sup>\*</sup>See IAMGOLD news release dated March 29, 2017

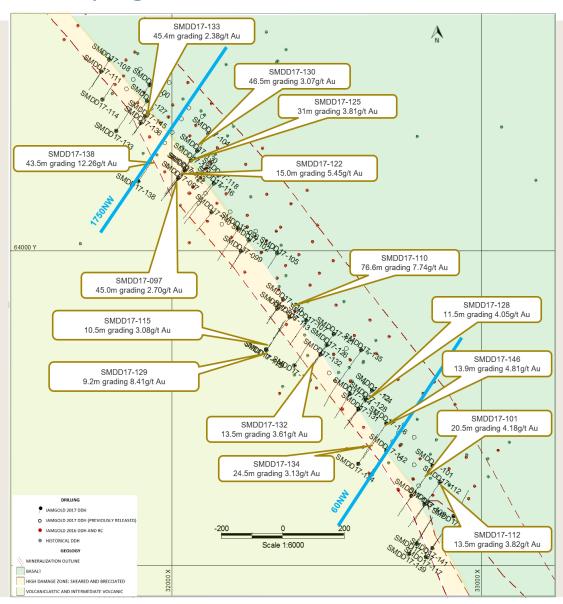
## Saramacca – 2017 Delineation Campaign

- Current phase of 2017 infill drilling program now complete
- Completed 19,600 m drilling YTD; results from 78 drill holes recieved

### Highlights include\*:

- 60.5 m grading 40.91 g/t AuIncluding: 19.5 m grading 75.91 g/t Au
- > 76.6 m grading 7.74 g/t Au
- > 43.5 m grading 12.26 g/t Au
- 20.0 m grading 4.26 g/t Au
   and 19.5 m grading 9.66 g/t Au
- > 16.7 m grading 9.93 g/t Au
- > 52.6 m grading 5.33 g/t Au
- Drilling to date has confirmed multiple mineralized structures within corridor ~2 km long and 600 m wide which remain open along strike and at depth

\*See IAMGOLD news releases dated March 29, 2017 and May 15, 2017



### Expand and Optimize at Essakane – Burkina Faso (90%)

# Ongoing Exploration on Highly Prospective Land Package with >1,200 sq. Km

### **Falagountou East**

- Potential for low-cost, high-grade saprolite ore
- Deposit covered by existing mining permits
- Drilling will continue in 2017 to expand limits of ore body
- Expect to delineate resource estimate in 2017

### **Performance Optimization**

- Commissioned intensive leach reactor to improve recoveries
- Completing geometallurgical study
- Moving ahead with oxygen plant to improve recoveries
- Following up on heap leach studies
- Commissioned carbon fines treatment plant to reduce gold inventory

# Signed power purchase agreement to develop 15 MW solar plant:

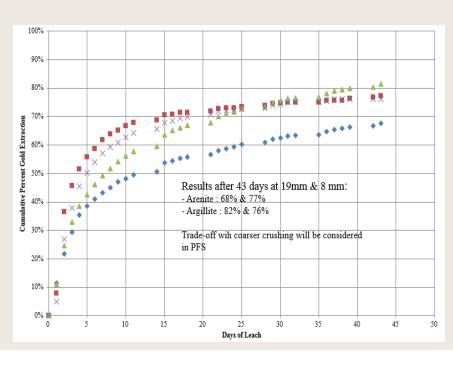
- To be integrated with 57MW HFO Plant
- Will save 6 million litres of fuel per year
- Will reduce CO<sub>2</sub> emissions by 18,500 tonnes annually





### Heap Leach Potential - Essakane

- Significant volumes of marginal grade mineralized material (below current cutoff grade) within the existing pit designs for the Essakane Main Zone (EMZ).
  - Primarily fresh rock, in the grade range of 0.3 to 0.6 g/t
  - Minor volumes of stockpiled marginal grade material also exist
- Preliminary test work & scoping work was carried out in 2017.H1 on the heap leach concept using samples of varying lithology at different crush sizes
  - Attractive recoveries with short leaching cycles and low reagent consumption
  - Good permeability characteristics allowing high heaps with no added cement or agglomeration
- A Prefeasibility Study initiated using internal resources supported by 3<sup>rd</sup> party consultants
  - Study completion expected Q2'18
  - Potential production start by Q4'19
- Conceptually targeting a Heap Leach\* operation with capacity to increase annual gold production at Essakane by 20%+ versus the current life of mine
  - Potential exists to justify additional pushbacks at EMZ given improved economics
  - Option to be evaluated of raising mill cutoff grade & process only higher value rock in CIL
  - Potentially positive economic impacts for mining of satellite resources are still to be evaluated



<sup>\*</sup> Development Concept: The heap leach scenario is conceptual in nature and significant further technical studies are required to advance the concept to a pre-feasibility and feasibility study level. There are no assurances that such studies will demonstrate an economically viable development scenario.



### Continued Ramp-up at Westwood – Quebec (100%)

### **Underground Development**

- Completed nearly 25 km of underground development in 2016

   averaging 74 meters per day
- Underground development continuing to open access to new mining areas

March 21, 2017 –
Quebec regulators
approve reopening of
mining block (104 level)
affected by seismic
event in 2015

#### **Resource Conversion**

- Reserves increased by 75% year over year to 1.0M oz; reserve grade has increased by 16% to 8.8 g/t Au
- Seeing significant resource potential in existing mining blocks, at depth and to the west
- >100 km drilling planned for 2017

### Ramp-up Strategy

- Operating at commercial levels in 2017 from 3 mining blocks, including zone where remedial work was completed in 2016
- Targeting 17 km of lateral development and 3 km of vertical development in 2017
- Ramping up to full production by 2019



### Sadiola Revitalized – Mali (41%)

### **Sadiola Expansion Project**

- Consistent year over year production in 2016
- Extended oxide mine life to 2018 due to exploration success
  - Expect to continue mining oxides into early 2018 and processing oxides into early 2019
- Aligned with partner AGA to move Sulphide Project forward
- Project economics refined and optimization study was completed
- Intend to commence construction, pending Malian government renewing construction and operating permits; power agreement and fiscal terms

# Sulphide Expansion Project 2015 Technical Report<sup>1</sup>

Strip Ratio	3.9
Max. Throughput (Mtpa)	7.2
Recoverable Gold (Moz/LOM)	3.2
Mine Life (yr)	10
Cash Cost (\$/oz)	\$735
AISC (\$/oz)	\$816
Initial Capital (\$M)	\$379
After-tax IRR	16%

<sup>1</sup> On 100% basis, using 7.2 Mtpa scenario in Sadiola's 2015 43-101 Technical Report. See report for more details regarding price assumptions and technical disclosure.







### Peer-Leading Development/Exploration Growth Pipeline

#### Côté Gold

- One of Canada's largest undeveloped gold projects
- PFS to be published in Summer 2017

#### Attributable Resources\*:

P+P Reserves = 3,837 @ 0.9 g/t Total M+I = 5,204 @ 0.9 g/t Total Inferred = 797 @ 0.6 g/t

#### **Boto Gold**

- Expanding Malikoundi deposit in Senegal
- Evaluation studies ongoing

#### Attributable Resources\*:

Total M+I = 1,563 @ 1.8 g/t Total Inferred = 125 @ 1.3 g/t

#### Pitangui

- Sao Sebastiao deposit in Brazil is an advanced greenfield exploration project
- Ongoing exploration and advancing evaluation studies

#### **Attributable Resources\*:**

Total Inferred = 679 @ 5.0 g/t

### Loma Larga

- Project in Equador, operated by INV Metals, IAMGOLD owns ~36%
- Strategic investment provides optionality



#### **Monster Lake**

- Quebec; 50-50 JV with TomaGold
- High-grade vein deposit in prolific Abitibi Greenstone Belt

### Nelligan

- Quebec, 15km from Monster Lake, earn-in option with Vanstar Mining
- New greenfield discovery

### **Eastern Borosi**

- Nicaragua; option agreement with Calibre Mining
- Targeting high-grade epithermal gold-silver veins

### Diakha-Siribaya

- Mali, consolidated ownership in a 1 M ounce plus discovery stage project
- Expanding resources

### **Attributable Resources**\*:

Total M+I = 129 @ 1.9 g/t Total Inferred = 1,092 @ 1.7 g/t

<sup>\*</sup>Attributable resources reflect contained gold ounces in the 000s. Boto, Diakha-Siribaya and Pitangui mineral resources have been estimated as of December 31, 2016 using a \$1,500/oz. gold price and have been estimated in accordance with NI 43-101. Côté Gold reserves have been revised for 2017 and are estimated using an economic model assuming a gold price of \$US 1,250/oz and based on a mine design originally done using a gold price of \$US 1,200/oz. 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. Measured and indicated gold resources are inclusive of proven and probable reserves.



### IAMGOLD and Sumitomo Metal & Mining – Strategic Partnership

- Diversifies project risk around Côté Gold Project
- Allows for timely construction of Côté project
- Creates a partnership with Sumitomo a well-funded, highly technical mine developer for future projects and/or acquisitions
  - Both parties intend to establish a solid partnership in the development of future gold mining opportunities.
  - IAMGOLD and Sumitomo have a common interest in seeking future opportunities
  - Sumitomo has in-depth expertise in building and operating mines
  - Sumitomo's strong business development capability and access to capital will complement that of IAMGOLD's
  - IAMGOLD's global mining operations will benefit from Sumitomo's access to Japanese suppliers to the mining industry

Côté Gold Project	Consensus \$141 M <sup>1</sup>	<u>J.V.</u> \$650 M <sup>2</sup>
per diluted share <sup>3</sup>	\$0.31	\$1.42

<sup>&</sup>lt;sup>1</sup> Source: Analyst Consensus

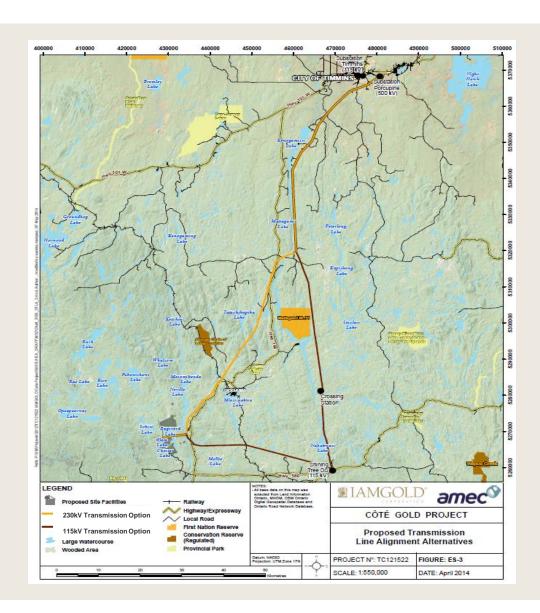


<sup>&</sup>lt;sup>2</sup> Based on Sumitomo paying an aggregate \$195 million to IAMGOLD for a 30% undivided participating interest in IAMGOLD's ownership interest in the Côté Gold Project.

<sup>&</sup>lt;sup>3</sup> As at March 31, 2017, IAMGOLD had 457.5 million diluted shares outstanding.

### Côté Gold Project Highlights

- One of Canada's largest undeveloped gold deposits
- Located in a prolific mining region six hours north of Toronto
- Strong partnerships with northern municipalities, local communities and indigenous community partners
- Positive PFS indicates potential for low-cost mine with a 17 year mine life
- Provincial and Federal Government have approved Environmental Assessment
- Exploration continuing on 500 sq. km. land package to develop and assess targets
- Full feasibility study expected in H2 2018



# Strong Project Economics at Côté Gold

	PFS	PEA
Gold Price Assumption for Economic Analysis	\$1,250/oz	\$1,200/oz
CDN/US exchange Assumption	1.3	1.35
Nominal Mill Capacity	32,000 tpd	29,000 tpd
LOM Average Au Recovery	91.8%	91.9%
LOM Average Annual Au Production	320,000 ozs	302,000 ozs
Mine Life	17 years	21 years
AISC	\$689/oz	\$686/oz
Initial Capital	\$1,047 M <sup>1</sup>	\$1,031 M
Sustaining Capital and Closure	\$457 M	\$480 M
After-tax NPV (5%)	\$703 M	\$673 M
IRR	14.0%	12.9%
Payback period (excluding construction)	4.5 years	5.2 years

<sup>&</sup>lt;sup>1</sup> Excludes deferred initial capital attributable to equipment leasing of \$116M, net of down payments and leasing payments See news release dated June 5, 2017.

### Boto - Senegal (100% owned)

### **2016 Accomplishments**

- Completed drilling at Malikoundi deposit targeting footwall mineralization and along strike to the north
- Initial drill results confirmed wider intervals of mineralization in footwall and extension of high grade mineralization along strike north of deposit
- Highlights from recent drill results included:

#### **Malikoundi Deposit**

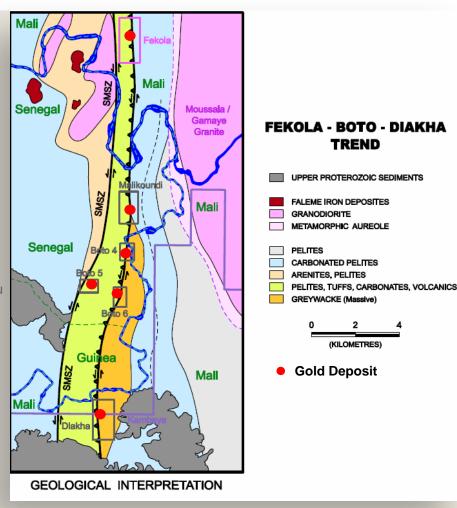
- 37.0 metres grading 1.8 g/t Au & 19.0 meters grading 3.3 g/t Au
- 42.0 metres grading 1.3 g/t Au
- 77 metres grading 4.4 g/t Au, including 9 metres grading 11.8 g/t Au

#### **Malikoundi North Extension**

- 14.0 metres grading 1.6 g/t Au
- 22.0 metres grading 1.8 g/t Au

(See IAMGOLD news release dated May 31, 2017)

- Further drilling will focus on expanding current mineral resource, with resource update planned
- Also seeking to identify additional satellite zones
- Work on technical and environmental studies will continue with aim of advancing the economic evaluation of the project



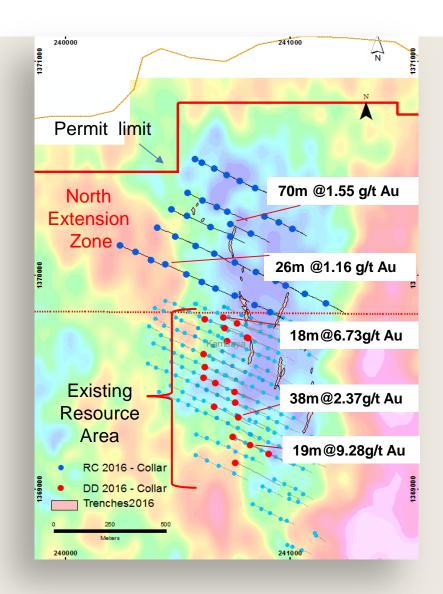
### Diakha-Siribaya – Mali

### **2016 Accomplishments**

- Diamond and reverse circulation drilling:
  - Extend the deposit at depth below the current resource pit shell;
  - Test for potential northern strike extension of Diakha deposit
- Reported assay results included:
  - Intersections of 19.0 meters grading 9.28 g/t and 18.0 meters grading 6.73 g/t
- Wide-spaced RC drilling along northern strike confirmed presence of gold mineralization:
  - Intersection of 70.0 meters grading 1.55 g/t Au including 12.0 meters grading 2.79 g/t Au

(See Merrex Gold news releases dated July 6 and August 30 2016)

- Consolidated 100% interest in project
- Drilling will focus on increasing the confidence in the current Diakha resources and delineating mineralization northward along strike
- Results will be used to update mineral resources in 2017

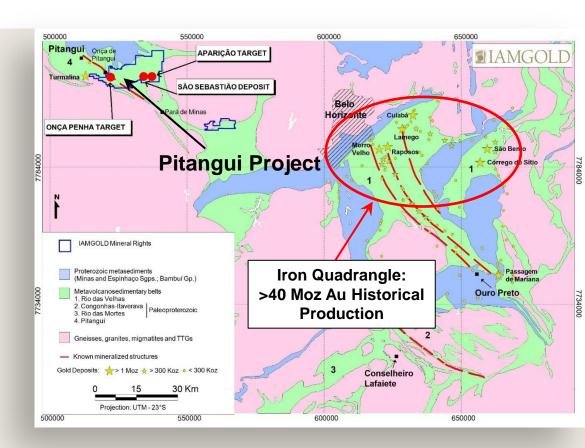


### Pitangui – Brazil (100% owned)

### 2016 Accomplishments

- Diamond drilling confirmed the presence of favourable host iron formations along strike of the São Sebastião deposit
- Permits obtained to allow drilling of the shallow up-plunge extension of the deposit

- Diamond drilling to continue in 2017 to expand current resources
- Work has commenced on various technical and environmental studies to advance economic evaluation of project



### Loma Larga – Optionality via Strategic Investment

### **Project Overview**

- IAMGOLD owns ~36% of INV Metals (TSX:INV)
- PFS has robust economics with after-tax IRR of 26.3%, NPV@5% of US\$300.9M, payback of 2.7 years
- Underground mine, straight forward project, ramp into deposit, long hole stoping and drift and fill mining
- Probable Mineral Reserves of 1.86 M oz of contained Au at 4.98 g/t, 10.5 M oz contained Ag at 28.0 g/t, 73.6 M lb contained Cu at 0.29%
- Indicated Mineral Resources of 2.55 M oz of contained Au at 4.42 g/t, 16.3 M oz contained Ag at 28.3 g/t, 104 M lb contained Cu at 0.26%
- Inferred Mineral Resources of 0.54 M oz of contained Au at 2.29 g/t, 5.7 M oz contained Ag at 24.1 g/t, 21 M lb contained Cu at 0.13%
- Targeting production for 2020
- Considerable exploration potential
- Proven board, management and technical team
- On February 16, 2017 INV Metals announced a C\$27.6 million bought deal financing, including C\$3.6 million overallotment option, for advancing development of the project and for general corporate purposes

See INV news release dated July 14, 2016

PFS Highlights*	
Mine Life	~11 years
Nameplate Capacity	3,000 tpd
Annual Average Gold Production	150,000 oz
Gold Grade	4.98 g/t
Gold Production	1.68 milllion oz
Gold Recovery	90%
Adjusted Operating Costs	\$510/oz sold
All-in Sustaining Costs	\$577/oz sold
All-in Costs	\$778/oz sold
Initial Capital	\$286M
Sustaining Capital and Closure Costs	\$94M

### **Ecuador – Strong Commitment to Mining**

- Loma Larga and INV Metals have strong support from Ecuadorian government and local communities
- The 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



<sup>\*</sup>See page 35 for more information

## Monster Lake – Quebec (50-50 Joint Venture with TomaGold)

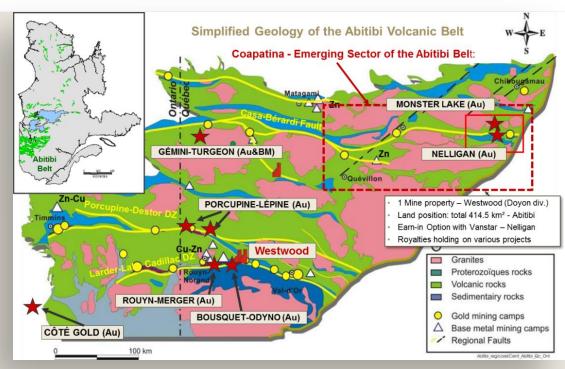
### 2016 Accomplishments

- Diamond drilling targeted Monster Lake Shear Zone ("MLSZ") which hosts the 325-Megane zone
- Drilling is interpreted to have intersected a new, mineralized structure parallel to the MLSZ structure

### **2017 Objectives**

- Goal in 2017 is to better define and extend the known mineralization along the MLSZ and parallel structures
- Objective is to estimate an initial mineral resource during the year as results merit
- · Recent drill results include;
  - ML-194: 3.1 metres grading 121.7 g/t Au
  - ML-191: 1.8 metres grading 85.3 g/t Au

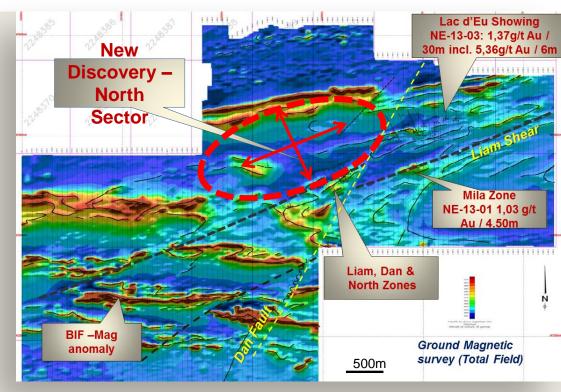
(see new release dated May 11, 2017)



## Nelligan – Quebec (Earn-In Option with Vanstar Mining)

### **2016 Accomplishments**

- Exploration drilling to test Induced Polarization (IP) anomalies have discovered new zones of gold mineralization
- Intersections from new discovery area include:
  - 35.8 metres grading 1.90 g/t Au, including 18.0 metres grading 3.20 g/t Au;
  - 23.0 metres grading 1.23 g/t Au, including 10.3 metres grading 2.02 g/t Au
  - (See Vanstar Mining news release dated April 5, 2016)



### **2017 Objectives**

- Winter diamond drilling program completed
- Initial assay results confirm new discovery and include;
  - 11.7 metres grading 3.19 g/t Au

(see Vanstar news release dated March 14, 2017)

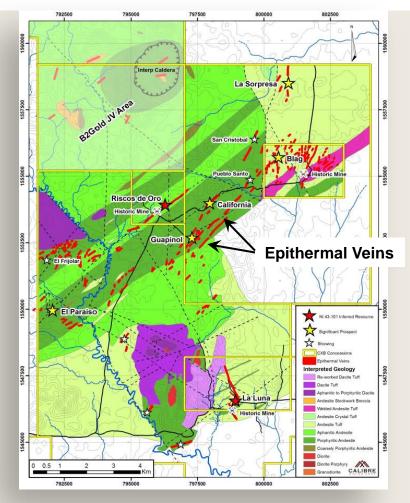
- Additional assay results are pending
- 15 km from Monster Lake deposit; potential to become district with shared synergies

## Eastern Borosi - Nicaragua (Option Agreement with Calibre Mining)

### 2016 Accomplishments

- Diamond drilling tested selected gold-silver vein systems
- Encouraging drilling results reported from a number of vein systems including a new discovery at Veta Loca, which intersected 6.3 metres grading 10.2 g/t Au and 6.9 g/t Ag over 6.3 meters
- (See Calibre Mining news release dated September 15, 2016)

- Evaluate resource potential of the Guapinol, Riscos do Oro, and East Dome veins
- If results are positive, they will be used to complete a NI 43-101 compliant resource estimate
- IAMGOLD expects to vest an initial 51% interest in the project, and has an option to increase its ownership to 70%





<sup>\*</sup>Reported by Calibre Mining September 15, 2016

### Optimal Balance Between Short and Long-Cycle Capacity

# **Short-Cycle Capacity**

### Rosebel

Saramacca -Initial resource expected Q3'17

\*Further drilling results show continued highgrade intercepts

### Essakane

Exploration -Prospective targets around mine site and at Falagountou

\* Heap leach study underway aimed at processing low and marginal grade ore

### Westwood

Full ramp-up achieved in 2019

\*Regulators approved reopening of 104 mining block

### Sadiola

Sulphide Expansion Project

\* Construction to commence when agreements with Govt of Mali finalized

# **Long-Cycle Capacity**

### **Future Growth Options**

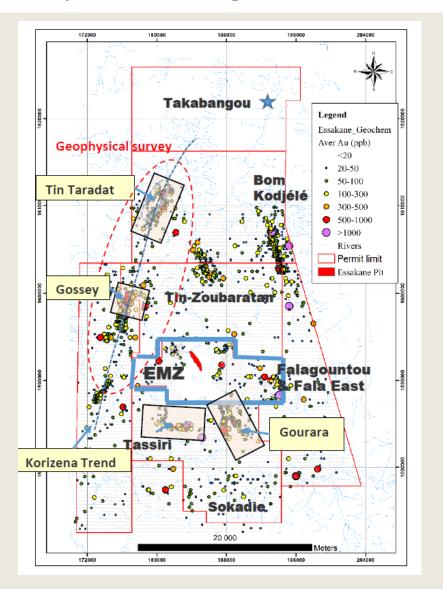
Cote Gold Project

(Pre Feasibility Study completed and full Feasibility H2 2018)

\* Other advanced exploration projects in the pipeline such as Boto and Monster Lake



### **Exploration Targets at Essakane**

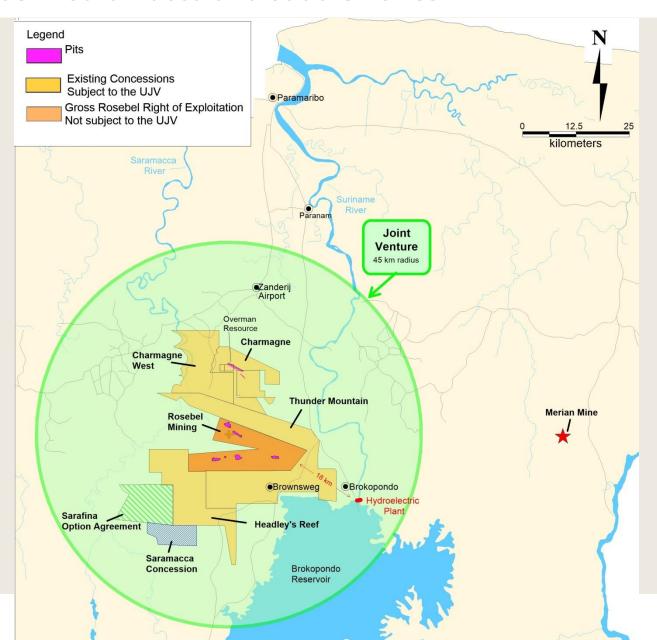


#### **2017 Focus**

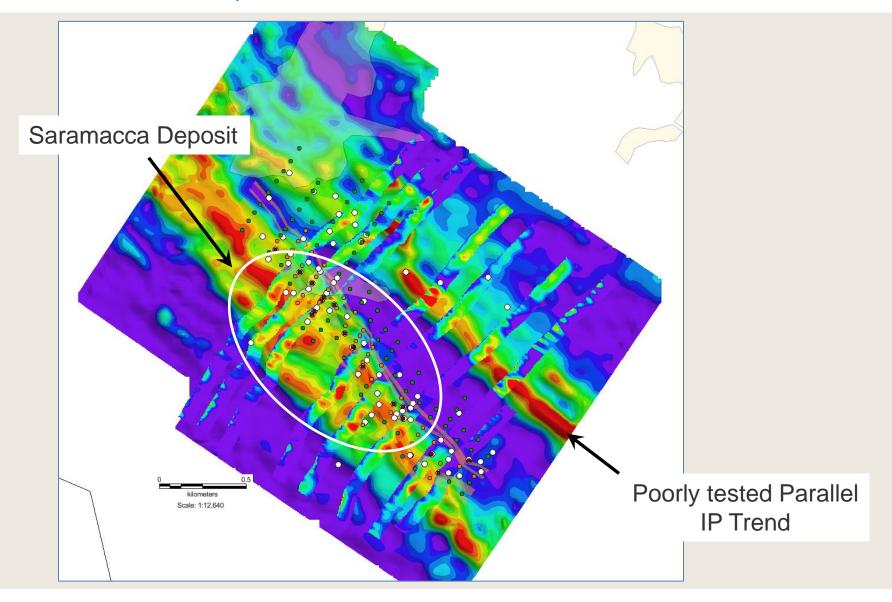
- On-going drill program and resource conversion at Falagountou – 1M oz deposit 8km from mill
- Drill-test oxide targets to bring prospective areas quickly to the resource development stage
  - Gourara exploration drilling (planned)
  - Tassiri Mine evaluation
  - Gossey Zone delineation drilling, evaluate heap leach potential (in progress)
- Explore along Gossey-Korizena Trend
  - Tin Taradat new target exploration (planned)
  - Gossey South follow-up drilling (in progress)
- Airborne EM Survey completed



### Rosebel – Saramacca and Saddle Zones



# Saramacca – Exploration Potential



### 2017 Production and Cost Guidance

	2017 Guidance <sup>4</sup>
Essakane (000s oz.)	370 – 380
Rosebel (000s oz.)	295 – 305
Westwood (000s oz.)	115 – 125
Total owner-operated production (000s oz.)	780 – 810
Joint ventures (000s oz.)	65 – 75
Total attributable production (000s oz.)	845 – 885
Cost of sales¹ (\$/oz.)	\$765 – \$815
Total cash costs <sup>2</sup> – owner-operator (\$/oz.)	\$740 <b>–</b> \$780
Total cash costs <sup>2,3</sup> (\$/oz.)	\$740 – \$780
All-in sustaining costs <sup>2</sup> – owner-operator (\$/oz.)	\$1,000 - \$1,080
All-in sustaining costs <sup>2,3</sup> (\$/oz.)	\$1,000 - \$1,080

<sup>1.</sup> Cost of sales, excluding depreciation, on an attributable ounce sold basis does not include JVs which are accounted for on an equity basis

<sup>2.</sup> This is a non-GAAP measure. Refer to the non-GAAP performance measures section of the MD&A for reconciliation to GAAP.

<sup>3.</sup> Consists of Essakane, Rosebel, Westwood and the JVs on an attributable basis.

<sup>4. 2017</sup> guidance is based on Q4'16 assumptions with an average realized gold price of \$1,250 per ounce, Canadian \$/USD exchange rate of 1.35, USD/€ exchange rate of 1.08 and average crude oil price of \$48/barrel .

### **IAMGOLD** Reserve & Resource Statement Revised

	<u>Côté Gold Only</u>				IAMGOLD Consolidated			
	2017	<b>2017</b> Difference 2016 Year			2017	Difference		2016
	Revised	koz	%	End	Revised	koz	%	Year End
Contained Gold (Attributable Basis - 000s oz) 12								
Total proven and probable mineral reserves 1, 3, 4, 5, 6, 7	3,837	3,837	n/a	0	11,635	3,837	49.2%	7,798
Total measured and indicated mineral resources 1, 2, 7, 8, 9, 10, 11	5,204	(2,523)	(32.7%)	7,727	20,872	(2,459)	(10.5%)	23,331
Total inferred ounces 1, 2, 7, 8, 9, 10, 11	797	(289)	(26.6%)	1,086	6,384	260	4.2%	6,124
Contained Gold (100% Basis - 000s oz)								
Total proven and probable mineral reserves 1, 3, 4, 5, 6, 7	5,926	5,926	n/a	0	16,746	5,926	54.8%	10,820
Total measured and indicated mineral resources 1, 2, 7, 8, 9, 10	8,037	(317)	(3.8%)	8,354	28,657	(317)	(1.1%)	28,974
Total inferred ounces 1, 2, 7, 8, 9, 10	1,231	57	4.9%	1,174	7,507	57	0.8%	7,450

- 1. Reserves and Resources for all sites except Sadiola have been estimated in accordance with NI43-101; Reserves and Resources for Sadiola have been estimated in accordance with JORC code
- Measured and indicated gold resources are inclusive of proven and probable reserves
- 3. 2016 Year End Reserves for all sites except Sadiola are estimated using a gold price of \$US 1,200/oz,
- 4. 2016 Year End Reserves for Sadiola are estimated using a gold price of \$US 1,100/oz;
- 5. 2017 Revised Reserves for Côté Gold are estimated using an economic model assuming a gold price of \$US 1,250/oz and based on a mine design originally done using a gold price of \$US 1,200/oz
- 6. 2017 Revised Reserves for all other entities other than Côté Gold are assumed unchanged from the 2016 Year End Reserves excluding depletion or additions
- 7. 2016 Year End Resources for all sites except Sadiola and Westwood are calculated using a gold price of \$1500/oz
- 8. 2016 Year End Resources for Sadiola are calculated using a gold price of \$1500/oz
- 9. 2016 Year End Resources for Westwood are calculated using a 6.0 g/t Au cut-off over a minimum width of 2 metres
- 10. 2017 Revised Resources for all other entities other than Côté Gold and Diakha-Siribaya are assumed unchanged from the 2016 Year End Reserves excluding depletion or additions
- 11. 2017 Revised Resources for Diakha-Siribaya are now included at 100% attribution since the acquisition of Merrex Gold completed in February 2017
- 12. Attribution for Côté Gold for 2016 is 92.5% and for 2017 Revised is 64.75% (92.5%\*70%).

### Technical Information and Qualified Person/Quality Control Notes

The mineral resource estimates contained in this presentation have been prepared in accordance with National Instrument 43-101 Standards of Disclosure for Mineral Projects ("NI 43-101"). The "Qualified Person" responsible for the supervision of the preparation and review of all resource and reserve estimates for IAMGOLD is Lise Chenard, Eng., Director, Mining Geology. Lise has worked in the mining industry for more than 30 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 Gaulthier, BSc. Mechanical Engineering and MASc 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.

#### Slide 22 footnote

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.

