



Q2 2016 Results August 4, 2016

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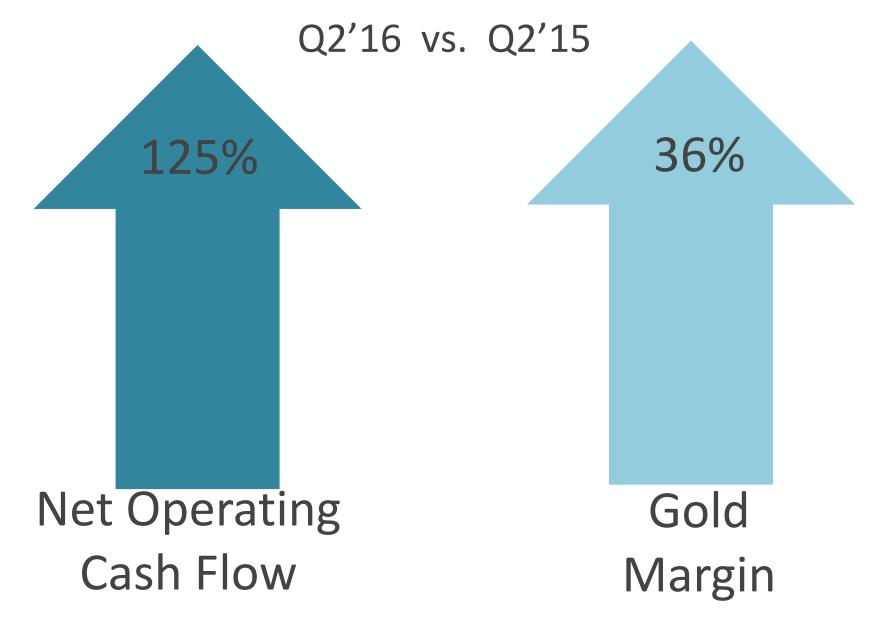
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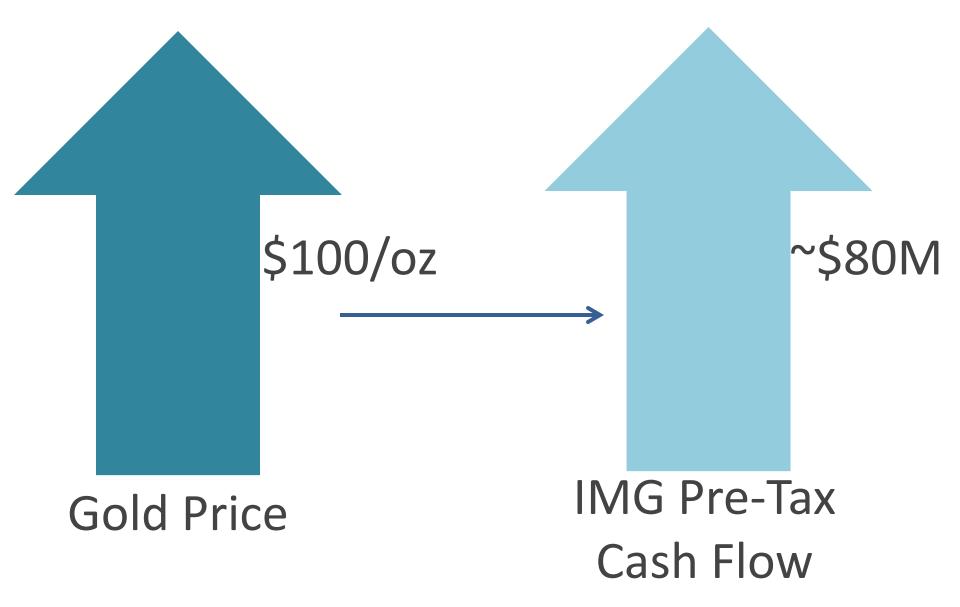
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A Strong Quarter



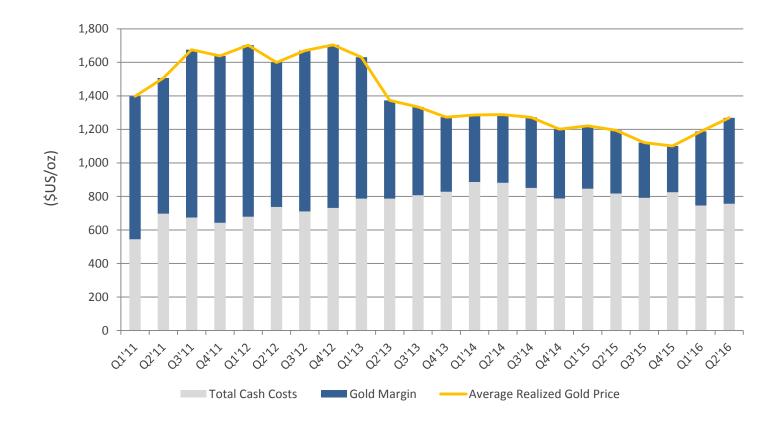






Maximizing Margin Through Cost Management

Lower cash costs will allow for maximum margin growth in a rising gold price environment.





Focused on Organic Growth

Westwood Ramp-up	Development Projects	Brownfield Expansion	Exploration
• Full production	Sadiola Sulphide • Intend to move ahead	Rosebel• Deposits being	Declared resources at
180-200k oz by 2019	by year-end conditional upon	evaluated near main concession	Boto, Siribaya and Pitangui
20 year mine life	partner's approval	· ·	Discovery phase
Revised LOM plan	<u>Côté Gold</u>	<u>Essakane</u>	projects continue to
indicates low-cost,	One of Canada's	Evaluating selected	move forward
high grade mine for duration of life	largest undeveloped Au projects	targets	Drill results from
	Extensive infill drilling and permitting work	Solar plant moving ahead	recently completed drill programs at
	since 2012		Monster Lake and
	Over 8.3 million ounces, Measured & Indicated Resources		Boto returning promising results

¹ Refer to slide #21 for additional details on IRR





Financial Review

				Q2 2015	Change	Q2 2016	Revenue Impact (\$millions)
			Gold Price ² (\$/oz.)	1,194	6%	1,269	14
S	227	233	Gold Sales ³ Owner-Operator (000s oz.)	189	(3%)	183	(8)
\$millions			Quart		e in Gold S 000s oz)	ales ³ by Site	
Ş				Q2 2	015 (Q 2 20 16	Change
			Essakane	86	5	92	6
			Rosebel	77	7	75	(2)
			Westwood	26	5	16	(10)
Γ	Q2 2015	Q2 2016	Total	18	9	183	(6)

¹ Revenues exclude equity accounted joint ventures.

² Average realized gold price per ounce sold. This is a non-GAAP measure. Refer to the non-GAAP performance measures section of the MD&A for reconciliation to GAAP.

³ Gold sales – 100% basis.

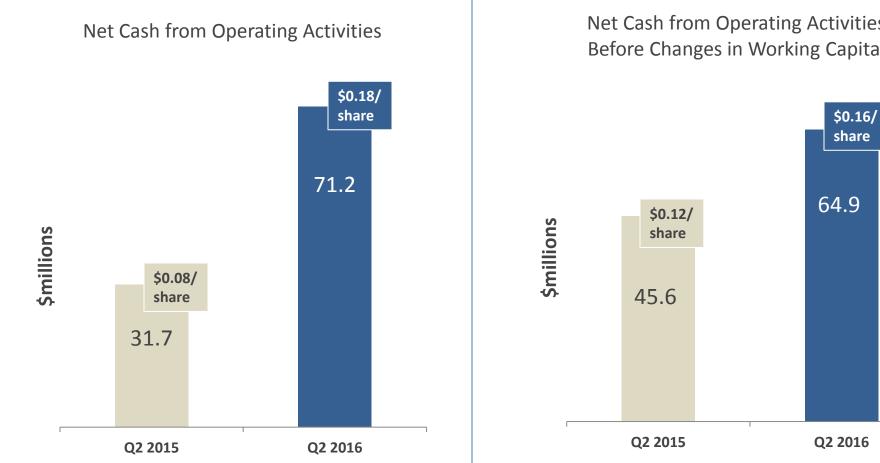


Cost of Sales from Continuing Operations

				-
(\$millions)	Q2 2015	Q2 2016	Variance	
Operating Costs	153.3	136.0	(11%)	 Main Factors: 1. Rosebel Lower fuel prices and consumption
Depreciation	66.4	62.3	(6%)	 Devaluation of SRD against USD combined with lower labour costs following workforce reductions
Royalties	9.1	9.8	8%	2. WestwoodReduced mining activity
Cost of Sales	228.8	208.1	(9%)	



Net Operating Cash Flow from Continuing Operations



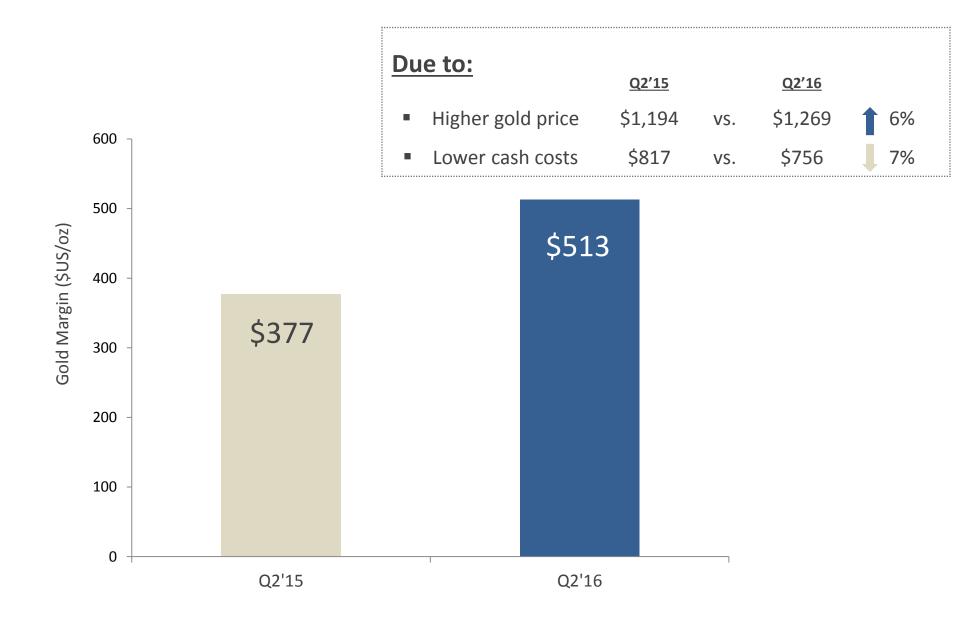
Net Cash from Operating Activities Before Changes in Working Capital

IAMGOLD[®]

Adjusted Net Earnings from Continuing Operations¹

(In \$ millions, except for per share amounts)	Q2'15	Q2'16
Net loss from continuing operations attributable to equity holders	(19.7)	(12.2)
Normalization costs at Westwood	5.4	4.6
Unrealized derivative gains	(15.0)	(2.7)
Other	(2.5)	1.1
Tax adjustments	1.0	15.1
Adjusted net earnings (loss) from continuing operations attributable to equity holders ¹	(30.8)	5.9
Adjusted net earnings (loss) from continuing operations attributable to equity holders per share (\$/share) ¹	(0.08)	0.01







Cash, Cash Equivalents & Restricted Cash \$625.5

Available Credit Facility

\$140.0

Total Liquidity \$765.5

¹ As at June 30, 2016





Operational Review

	Attributable Production (oz)	Total Cash Costs ¹ (\$/oz produced)	AISC ¹ (\$/oz sold)
Essakane	89,000	\$679	\$1,090
Rosebel	73,000	\$765	\$1,051
Westwood	16,000	\$948	\$1,157
Sadiola	18,000	\$941	\$973

Total 197,000*	\$756	\$1,114
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*Includes 1,000 oz from Yatela, which is in closure mode.

Maintaining 2016 Guidance

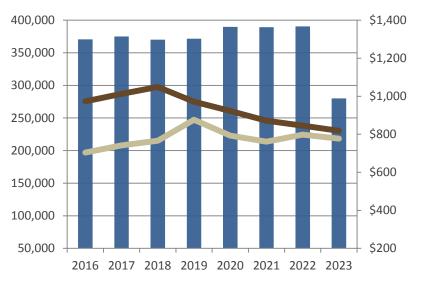
Production	770-800k oz
Total Cash Costs ¹	\$775-815/oz
	\$1,000 - \$1,100/oz



Essakane – Burkina Faso (90%)



Essakane LOM – production & costs forecast



	Q2 2015	Q2 2016
h	89.000	89 000

01 101

Attributable gold production	89,000	89,000
Head grade	1.23	1.24
All-in sustaining costs ¹ (\$/oz)	\$1,022	\$1,090
Total cash costs¹ (\$/oz)	\$802	\$679

Q2 2016 Highlights

سمناحم بامصيره املصح ملط مخبيط فس

- Small increase in throughput and slightly higher grade offset by lower recoveries due to higher graphite content in ore
 - Soft rock declined from 18% to 3%; throughput rates maintained
- Cash costs decreased 15% due to lower fuel prices, stronger USD relative to EURO, and improved plant efficiency
- AISC increased due to accelerated capitalized waste stripping

2016 Performance Improvement Initiatives:

- Completed construction of intensive leach reactor and fine carbon treatment system
- Optimizing drilling and blasting practices to reduce amount of explosives used in waste and improve fragmentation in ore
- Automated cyanide injection to enhance circuit stability
- Reduce fuel consumption/improved power plant efficiencies
 - Assessing potential for solar power plant on site

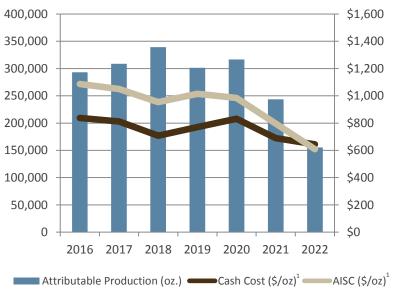
Attributable Production Cash Costs (\$/oz)¹ AISC (\$/oz)¹



Rosebel – Suriname (95%)



Rosebel LOM – Production & Costs Forecast



Attributable gold production	71,000	73,000
Head grade	0.80	0.78
All-in sustaining costs ¹ (\$/oz)	\$1,104	\$1,051
Total cash costs¹ (\$/oz)	\$864	\$765

Q2 2015

Q2 2016

Q2 2016 Highlights

- Despite proportion of soft rock declining by 50% from Q2'15, mill throughput rose by 4% due to new flex power drive on the SAG mill which has increased the grinding capacity for hard rock
- Cash costs decreased due to reduced fuel consumption, lower fuel prices, lower labour costs following 2015 workforce reductions and devaluation of SRD against USD

2016 Performance Improvement Initiatives:

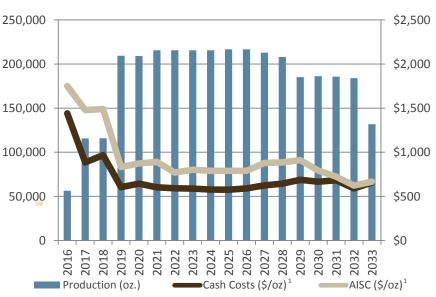
- Enhancing grinding performance by modifying design of shell liners and increasing grinding media size in the SAG mill
- Installation of secondary crusher Q4'16
- On-going metallurgical improvements to elution, carbon management and gravity optimization to reduce gold inventory in circuit



Westwood – Quebec (100%)



Westwood LOM – Production & Costs Forecast



1 This is a non-GAAP measure. Refer to the non-GAAP performance measures section of the MD&A for more information.

2 AISC and Cash Costs for Q2'16 reflect \$4.6M inventory adjustments to normalize costs.



Attributable gold production	23,000	16,000
Head grade	7.06	6.10
All-in sustaining costs ^{1,2} (\$/oz)	\$1,044	\$1,157
Total cash costs ^{1,2} (\$/oz)	\$837	\$948

Q2 2015

Q2 2016

Q2 2016 Highlights

- Production from planned mining blocks on schedule
- Underground development work to open up new mining areas progressing as planned
- Four of five by-pass drifts completed with access to the 104 mining block restored in July; production mining to resume early 2017

Westwood Development – Progress Update

Ke	y Performance Indicators	YTD Target	YTD Actual	Variance	
ţ	DART Rate [*]	3.30	0	-100%	No lost time incidents
Safety	TRIR+	8.8	8.4	-5%	or injuries
	Underground lateral development	10,996	11,362	3%	
nt (m)	Underground vertical development	1,978	1,545	-22%	
pmei	Total development	12,974	12,907	-1%	Development rate remains
Development (m)	Development rate	8.1m/day	9.2m/day	14%	on target
	Cost/lateral development meter (\$/m)	2,356	2,436	3%	
	Throughput (000s t)	163.7	173.4	6%	Coldenadustion
ng Li	Grade (g/t)	5.14	5.94	16%	Gold production & sales have
Milling	Gold produced (oz)	25,957	30,887	19%	exceeded expectations
	Gold sold (oz)	25,957	33,904	31%	due to
	Cash costs ^{1,2} (\$US/oz)	942	907	-4%	better grades
Costs	AISC ^{1,2} (\$US/oz)	1,162	1,017	-12%	Unit costs for
U	Mining cost (\$US/t hoisted)	204	184	-10%	the quarter much lower than guided

1 This is a non-GAAP measure. Refer to the non-GAAP performance measures section of the MD&A for more information

 $_{\rm 2}~$ AISC and Cash Costs for Q2'16 reflect \$4.6M inventory adjustments to normalize costs.

* DART = Days and Restricted Time Injuries.

+ TRIR = Total Recordable Injury Rate.



Sadiola- Mali (41%)



 Q2 2015
 Q2 2016

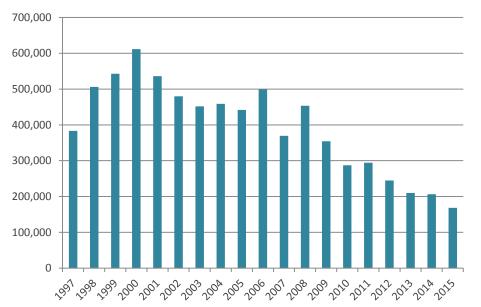
 Attributable gold production
 17,000
 18,000

 Head grade
 1.14
 1.20

 All-in sustaining costs¹ (\$/oz)
 \$706
 \$973

 Total cash costs¹ (\$/oz)
 \$658
 \$941

Sadiola's Historical Gold Production²



Q2 2016 Highlights

- Attributable production consistent QoQ due to higher grades, offset by lower throughput and recoveries
- Despite lower fuel and consumables prices, lower contractor costs, favorable FX rates and mill throughput improvements, costs were higher due to the drawdown of stockpiles
- Expect mining and milling of oxides to continue into 2018



Project Highlights

- Intend to move ahead by year-end conditional upon partner AngloGold Ashanti's decision to proceed and renewal of construction and operating permits, power agreement and fiscal terms relating to the project
- Currently refining project economics

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%

Sulphide Expansion Project – 2015 Technical Report¹



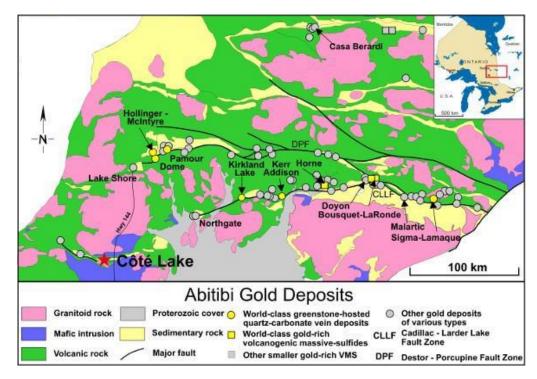
1 On 100% basis, using 7.2 Mtpa scenario in Sadiola's 2015 43-101 Technical Report. See report for more details regarding price assumptions and technical disclosure.



Côté Gold – Providing Further Optionality

- One of Canada's largest undeveloped deposits
- Located in northeastern Ontario; 130km southwest of Timmins
- Extensive infill drilling and permitting work since 2012
- Over 8.3 million ounces, Measured & Indicated Resources
- Positive decision on Federal Environmental Assessment received; awaiting Provincial decision at end of Q3'16
- Reviewing project construction and operation options including right-sizing of process plant and mining operation
- Currently refining project economics to maximize value and optionality of the asset

	Tonnes (000)	Grade (g/t)	Contained Ounces (000 Au)
Measured & Indicated ¹	289,183	0.9	8,354
Inferred ¹	66,894	0.6	1,174



¹See mineral reserve and resource estimates with associated notes in appendix.





Exploration Review

Boto

Location: Ownership:	Senegal 100%		Tonnes (000)	Grade (g/t)	Contained Ounces (000 Au)
Highlights:	Advancing technical and environmental studies	Measured & Indicated ¹	27,670	1.8	1,563
 Initial assay results from diamond drill program at Malikoundi deposit indicate extension of 		Inferred ¹	2,922	1.3	125
Pitangui	 mineralization below current resource model and confirm high grades below current resource pitshell <u>Results include</u>: 84 metres grading 4.12g/t Au, (including 22 metres grading 11.25g/t Au) and 69 meters grading 1.56g/t Au Multiple zones of gold mineralization over significant widths indicate possibility of an underground mining component or flexibility in mine sequencing for higher grade feed 				
Location:	Brazil		Tonnes	Grade	Contained Ounces
Ownership:	100%		(000)	(g/t)	(000 Au)
•		Measured & Indicated ¹			

- **Highlights:**
- Currently testing targets that have the potential to expand current mineralization or lead to discovery of new zones
- 9,000 metres of diamond drilling planned for 2016 with 4,750 metres completed Q2 YTD to test targets along strike to the southeast of São Sebastião deposit
- Drilling confirms presence of rock units similar to • those hosting main deposit; could potentially host additional mineralization

	Tonnes (000)	Grade (g/t)	Contained Ounces (000 Au)
Measured & Indicated ¹			
Inferred ¹	4,252	5.0	679



¹See mineral reserve and resource estimates with associated notes in appendix



Diakha-Siribaya

Location:	Mali
Ownership:	50:50 JV with Merrex Gold
Highlights:	 Multiple zones of mineralization and deposit open in all directions Currently focused on expanding mineralization along strike and at depth 14,000 metres of diamond and RC drilling planned for 2016 with ~12,000 metres drilled Q2 YTD Assay results confirm presence of mineralization in northern extension area

<u>Results include*:</u>70 metres grading
 1.55g/t Au, including 12.0 metres grading
 2.79g/t Au

	Tonnes (000)	Grade (g/t)	Contained Ounces (000 Au)
Measured & Indicated ^{1,2}	2,102	1.9	129
Inferred ^{1.2}	19,816	1.7	1,092



* Reported by Merrex Gold July 6, 2016



*Reported by Calibre Mining July 26, 2016

Eastern Borosi

Location:	Nicaragua	
Ownership:	Option Agreement with Calibre Mining	
Highlights:	 Focused on expanding multiple gold and silver vein systems 5,500 metre diamond drilling program planned for 2016 with 4,300 metres completed Q2 YTD Targeting parallel-tending Guapinol and Vancouver veins and the Blag vein system YTD drilling has extended mineralization along strike and down dip on two targets within Blag system <u>Results include*</u>: 5.6 metres grading 11.13g/t Au and 13.7g/t Ag, including 1.0 metre grading 56.96g/t Au and 61.9g/t Ag 	
1 On a 100% Datis		*Re

¹ On a 100% Basis

² See mineral reserve and resource estimates with associated notes in appendix



Monster Lake

Location:	Quebec	
Ownership:	Earn-in option with TomaGold	A STATE
Highlights:	 High-grade 325-Megane Zone extends at depth Testing targets north and south of the main 325-Megane Zone Completed 8,100 metres of drilling Q2 YTD Final drill results from 2016 winter program announced in June 2016 <u>Results include</u>: 1.2 metres grading 20.16g/t Au, 0.7 meters grading 9.01g/t Au and 5.5 metres grading 2.68g/t Au, including 0.5 meters grading 13.20g/t Au Results indicate possible second zone of mineralization along main structure 	



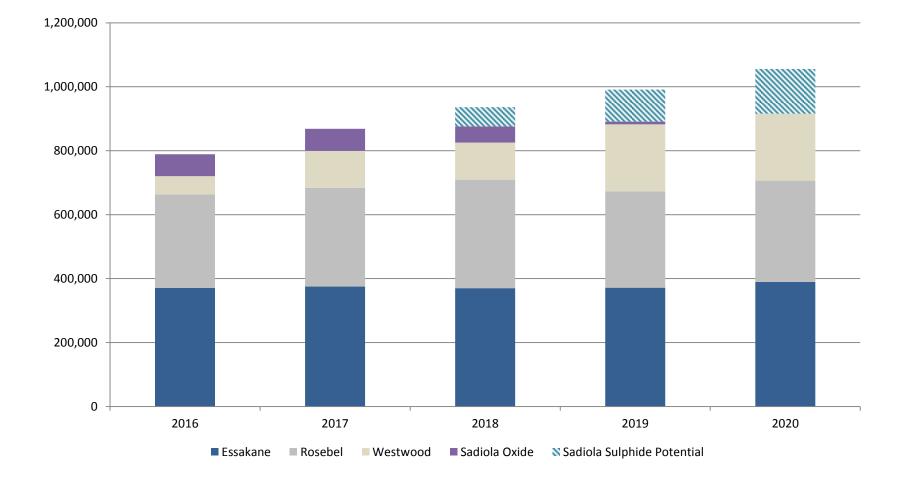
Nelligan

0		
Location:	Quebec	*
Ownership:	Earn-in option with Vanstar Mining	
Highlights:	 Under earn-in option to JV agreement (Nov 2014); IAMGOLD can earn up to an initial 50% interest Results from 2016 winter diamond drilling program confirm presence of several new mineralized gold-bearing structures <u>Results include*</u>: 35.8 metres grading 1.90g/t Au, including 18.0 metres grading 3.20g/t Au ; 23 metres grading 1.23g/t Au and 10.3 metres grading 4.43g/t Au and 27.3 metres grading 1.30g/t Au Summer program includes orientation soil sampling and geological compilation and modeling 	*Reported by Vanst



*Reported by Vanstar Mining April 5, 2016 and June 30, 2016









Appendices

Contained Gold (000s attributable oz.) As of December 31, 2015	2015	Change	2014
Total proven and probable mineral reserves	7,690	(11%)	8,608
Total measured and indicated mineral resources ^{2,3}	23,482	10%	21,412
Total inferred resources	6,733	(4%)	7,018

- Gold reserves have been estimated at our owned and operated mines using a gold price of \$1,200 per ounce in 2015.
- Resources for our owned and operated mines have been estimated using a gold price of \$1,500 per ounce in 2015.

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



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

² Measured and indicated gold resources are inclusive of proven and probable reserves.

	2016 Guidance ¹
Essakane (000s oz.)	365 – 375
Rosebel (000s oz.)	285 – 295
Westwood (000s oz.)	50 – 60
Total owner-operated production (000s oz.)	700 -730
Joint ventures (000s oz.)	70
Total attributable production (000s oz.)	770 – 800
Total cash costs ^{2,3} – owner-operator (\$/oz.)	\$775 -\$815
Total cash costs ^{2,3} (\$/oz.)	\$775 -\$815
All-in sustaining costs ^{2,3} – owner-operator (\$/oz.)	\$1,000 - \$1,100
All-in sustaining costs ^{2,3} (\$/oz.)	\$1,000- \$1,100

¹ The outlook is based on 2016 full year assumptions with an average realized gold price of \$1,150 per ounce, Canadian \$/USD exchange rate of 1.25, USD/€ exchange rate of 1.10 and average crude oil price of \$60/barrel for Rosebel and \$65/barrel for Essakane.

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

³ Consists of Rosebel, Essakane, Westwood, Sadiola and Yatela on an attributable basis.



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.





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