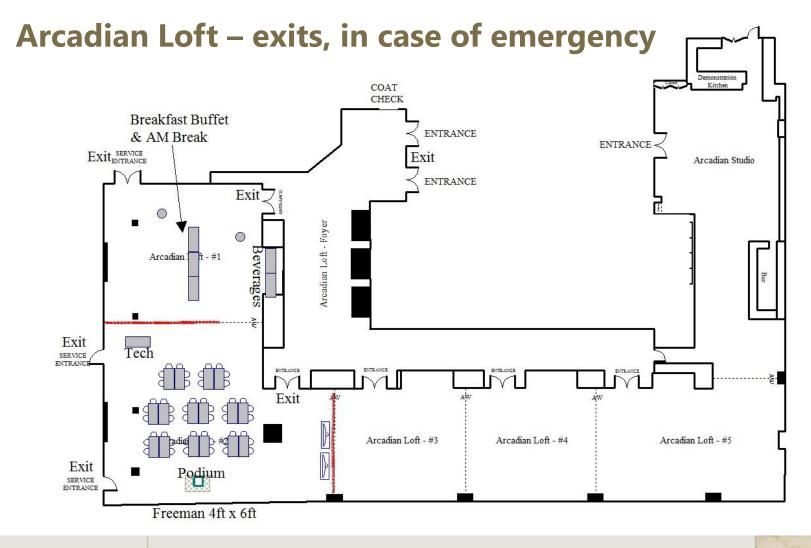
E IAMGOLD[®]

Westwood Update and IAMGOLD Outlook January 19, 2016

TSX: IMG NYSE: IAG

Safety briefing





Zero Harm

Introductions

EXECUTIVE TEAM Steve Letwin - CEO Gord Stothart - COO Carol Banducci - CFO Ben Little – Corporate Affairs, HSS & People Craig MacDougall - Exploration Jeff Snow – Business Development

WESTWOOD MANAGEMENT TEAM Sylvain Lehoux – General Manager Christian Juteau – Engineering Émilie Williams – Engineering Ron Leber – Geology

DIRECTORS OF THE BOARD

Mahendra Naik

Sybil Veenman

Lise Chénard - Geology Daniel Vallieres – Underground Engineering

INVESTOR RELATIONS Bob Tait Laura Young Shae Frosst

TECHNICAL SUPPORT



Cautionary Statement on 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, 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. Forwardlooking 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", "intend", "plan", "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 `ased 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 <u>www.sedar.com</u>, and filed under Form 40-F with the United States Securities Exchange Commission at <u>www.sec.gov/edgar.shtml</u>. The risks described in the Annual Information Form (filed and viewable on <u>www.sedar.com</u> and <u>www.sec.gov/edgar.shtml</u>, and available upon request from the Company) are hereby incorporated by reference into this presentation.

The Company disclaims any intention or obligation to update or revise any forward-looking statements whether as a result of new information, future events or otherwise except as required by applicable law.

All monetary amounts are in US dollars, unless otherwise indicated.





Presentation Outline – January 2016

Westwood Update and IAMGOLD Outlook

- Safety briefing
- Introductions
- Cautionary language

Corporate Overview

Westwood Introduction

Westwood Geology and Mineral Resources

Westwood Seismicity and Mitigation

- Timeline of major events
- Review process
- Context
- Seismic risk management plan (SRMP)
- Reopening process

Westwood LOM and Five-Year Plans

- Mining parameters
- Development sequence and summary
- **Production sequence**
- Milling parameters
- 5-year production summary
- Westwood LOM plan
- 5-year capital spending and free cash flow
- Opportunities

Rosebel and Essakane LOM Overviews

Wrap Up

- 2016 Guidance
- Summary

Question and Answer Period



Corporate Overview



200 B

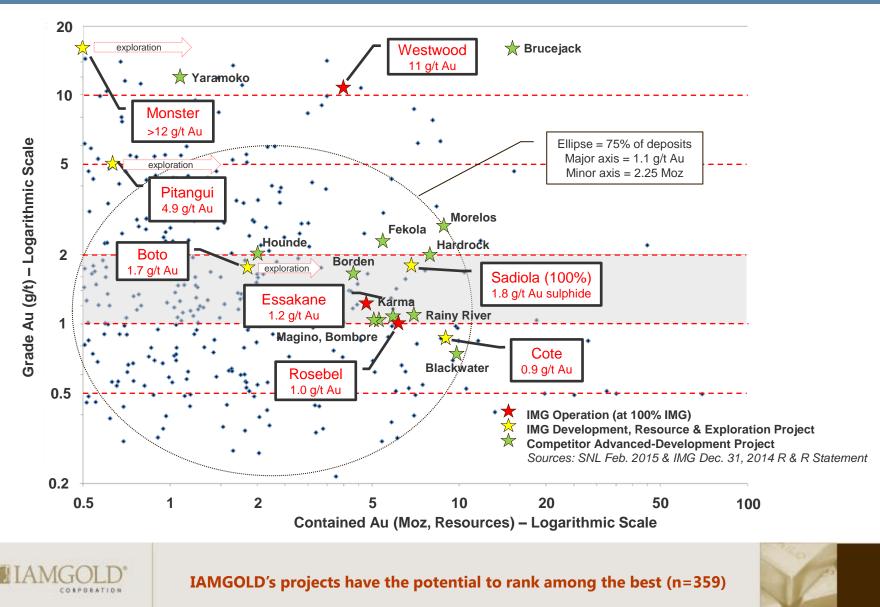
TSX: IMG NYSE: IAG

IAMGOLD's Gold Assets

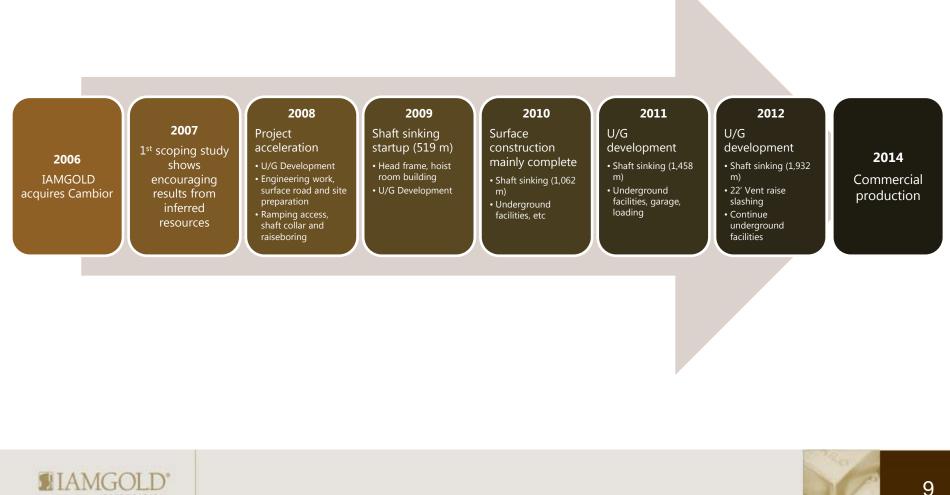


2015 Attributable Production 806,000 oz.

Project Comparisons in West Africa, Europe and the Americas



Project History (Doyon and Westwood)



Westwood Introduction

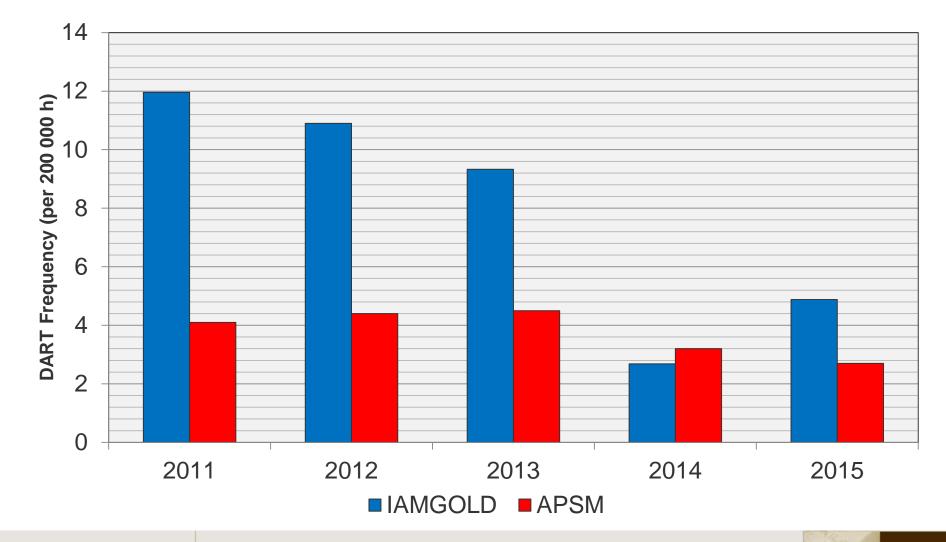


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Annual DART Results 2010 – 2015





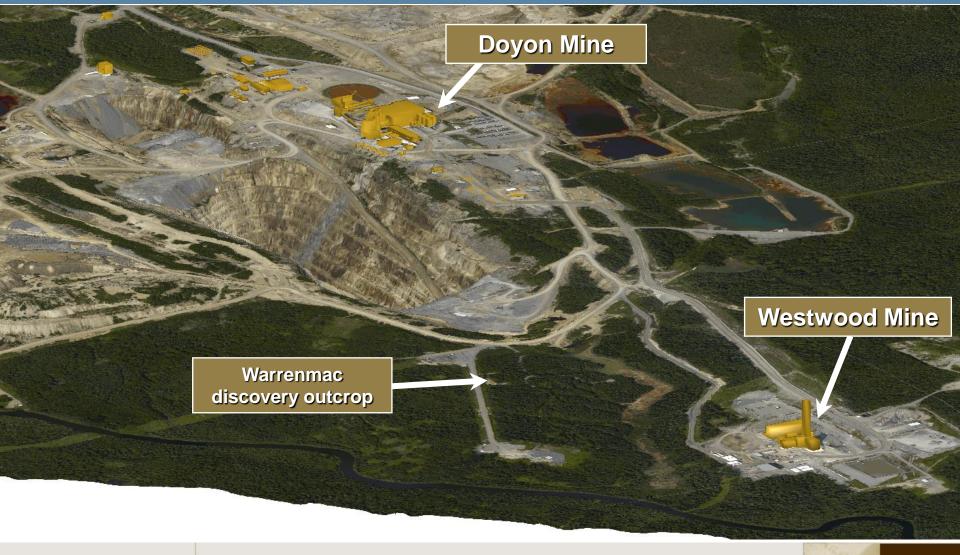
Location

2,799 hectares Westwood La Ronde Mooshla A/B Ellison La Ronde Mouska Mic Mac Doyon Warrenmac Bousquet Bousquet Penna Shaft 2 00 14 **Bousquet 2-Westwood** Mouska M+I **Bousquet 1** Dumagami LaRonde Penna 2.44 Mt @ 13 g/t Doyon 1.65 Mt @ 11.2 g/t 0.595 Moz Au 71 Mt @ 3.9 g/t 22.7 Mt 17.6 Mt 34.1 Mt @ 5.45 g/t 1 Moz Au Inferred: @ 3.5 g/t @ 7.5 g/t 9 Moz Au (+ Cu) 6.0 Moz Au 9.73 Mt @ 10.9 g/t 3.4 Moz Au 2.5 Moz Au 4.3 Moz Au (+ Zn-Cu-Ag)





Location





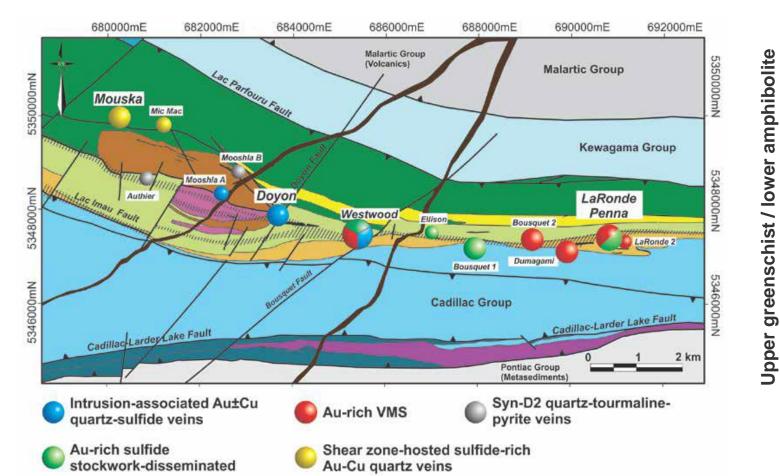
Westwood Geology and Mineral Resources

States and a



TSX: IMG NYSE: IAG

Geology and Mineralization



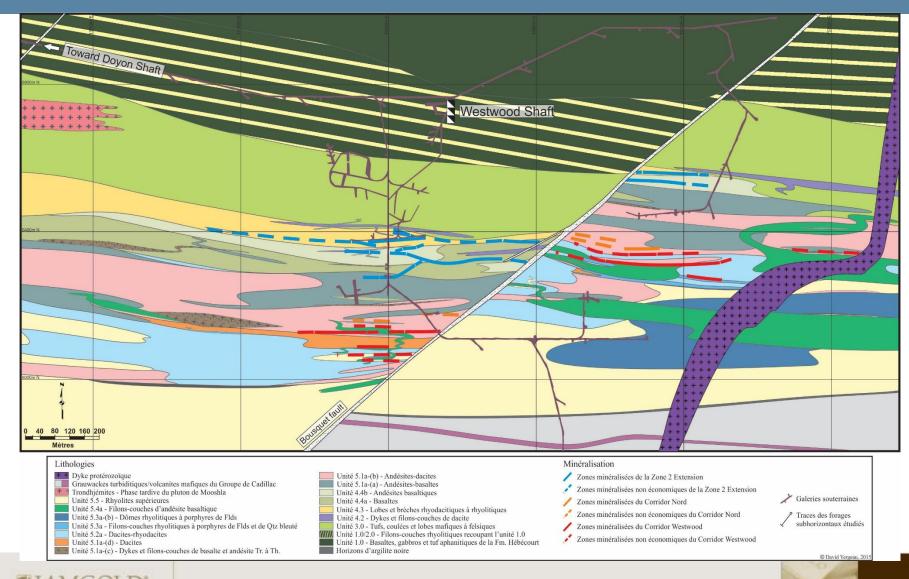
Doyon-Bousquet - LaRonde Mining Camp



Bousquet Fm. : 2699-2696 Ma

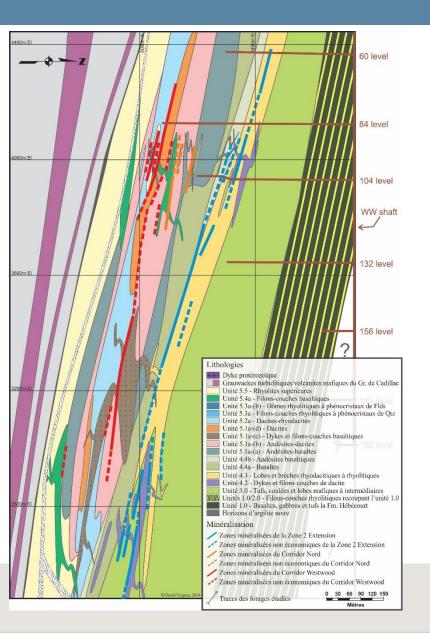
From Mercier-Langevin et al. (2012)

Westwood Geology: Level 084 Plan View





Westwood Geology: Cross-Section

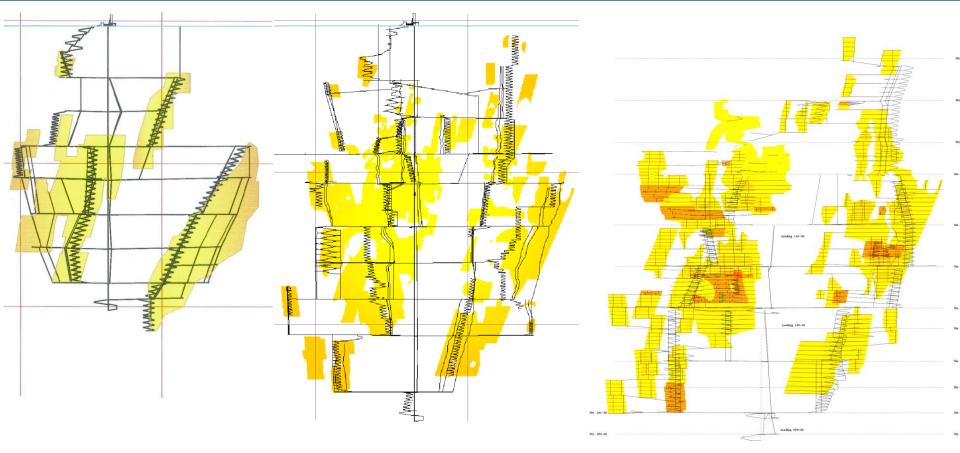








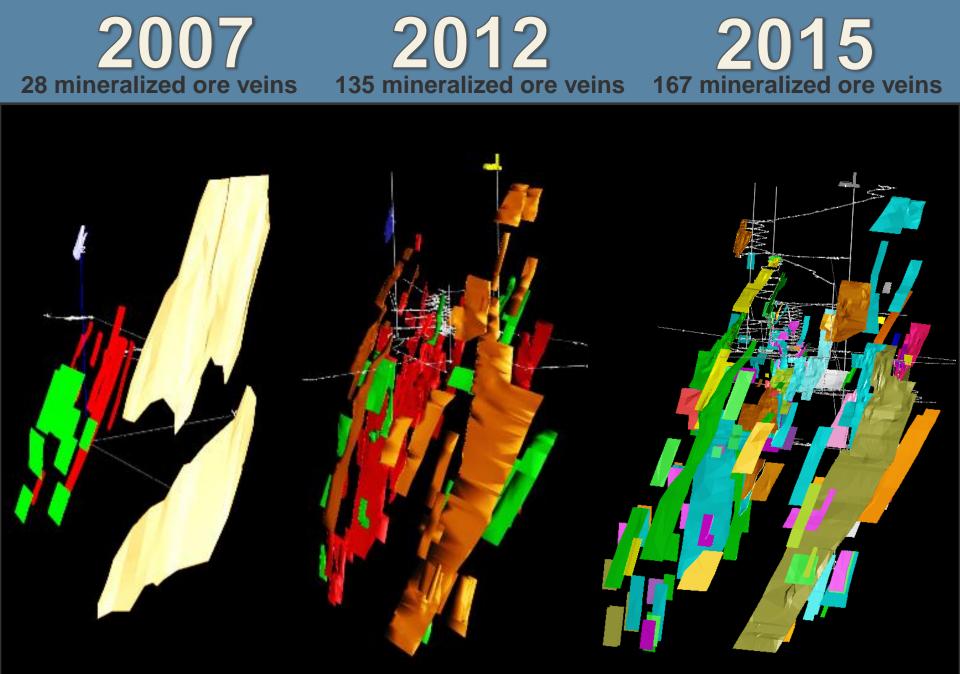
2015 676,135 m DDdrilling (Oct '15)

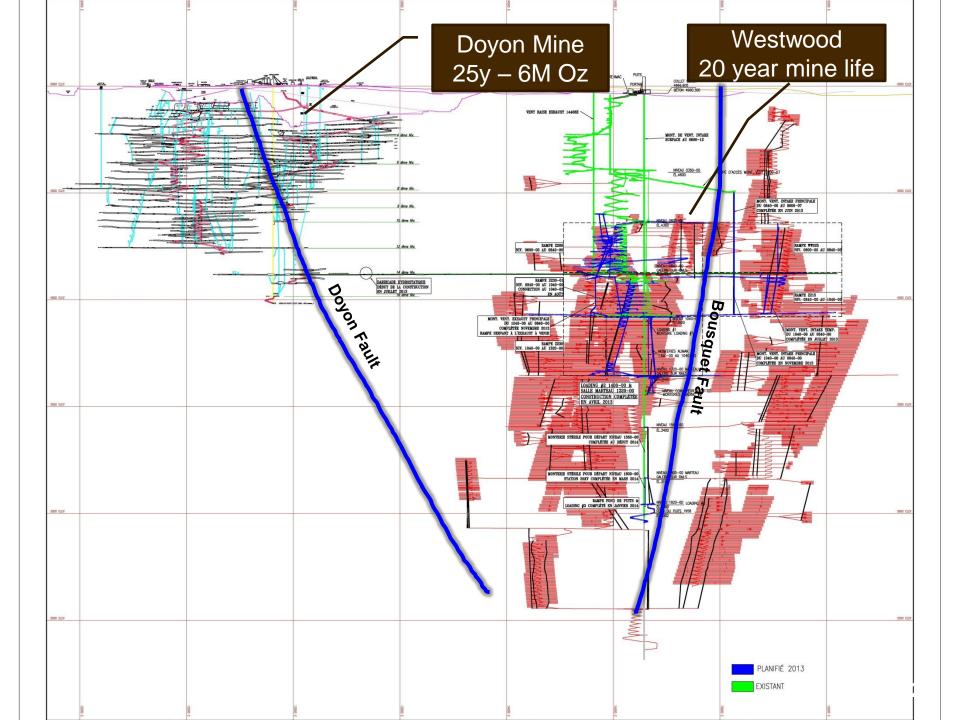


After addition of 655,000m drilled the deposit has significantly changed









Westwood 2014 Reserves and Resources¹

As of December 31, 2014	Tonnes	Grade (g/t Au)	Contained Oz.
Proven	301,000	7.3	71,000
Probable	2,070,000	7.0	468,000
Total reserves ²	2,371,000	7.1	539,000
Measured	199,000	11.7	75,000
Indicated	1,455,000	11.1	520,000
Total measured and indicated mineral resources ^{2,3,4}	1,654,000	11.2	595,000
Total inferred resources	9,730,000	10.9	3,397,000

1 Detail behind the gold price assumptions used to determine reserves and resources can be found in the Reserves and Resources section of the Company's MD&A for the year ending December 31, 2014.

2 Mineral reserves were estimated using a \$1,300/oz gold price and mineral resources have been estimated using a 6.0 g/t Au cut-off over a minimum width of 2 metres and have been estimated in accordance with NI 43-101.

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

4 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.

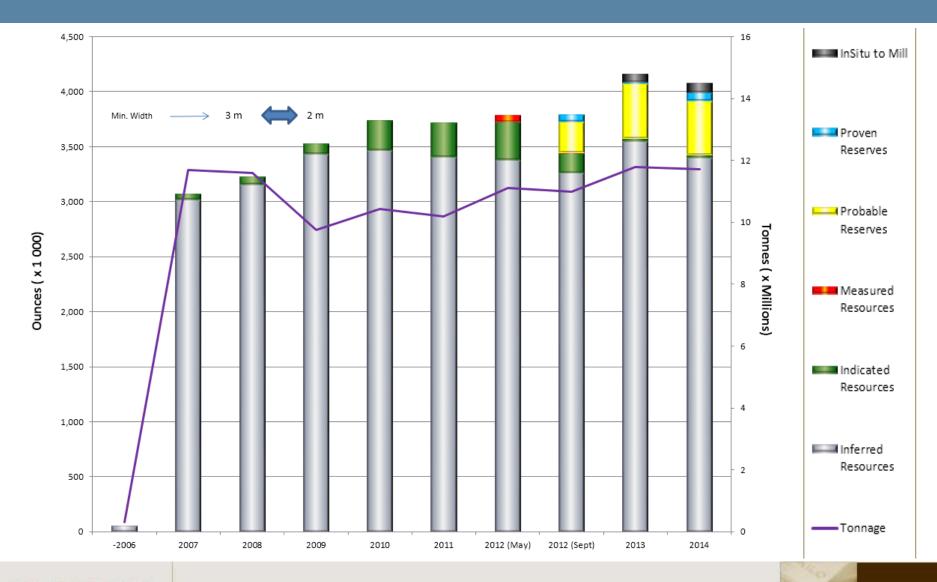
Qualified Person/Quality Control Notes

The mineral resource estimates contained in this news release have been prepared in accordance with National Instrument 43-101 Standards of Disclosure for Mineral Projects ("NI 43-101"). The "Qualified Person" responsible for the 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.

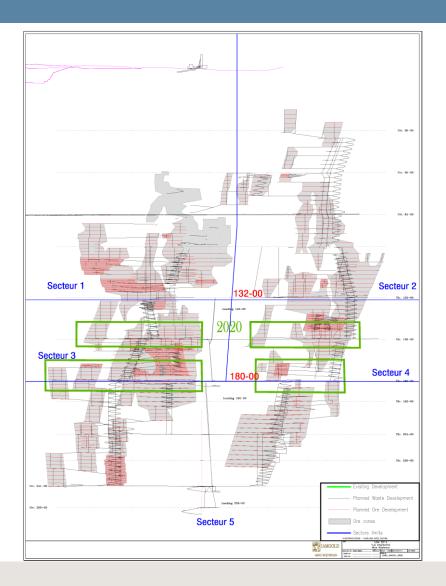


Geological Resources Evolution



IAMGOLD*

Infill Drilling Targets







Westwood Seismicity and Mitigation



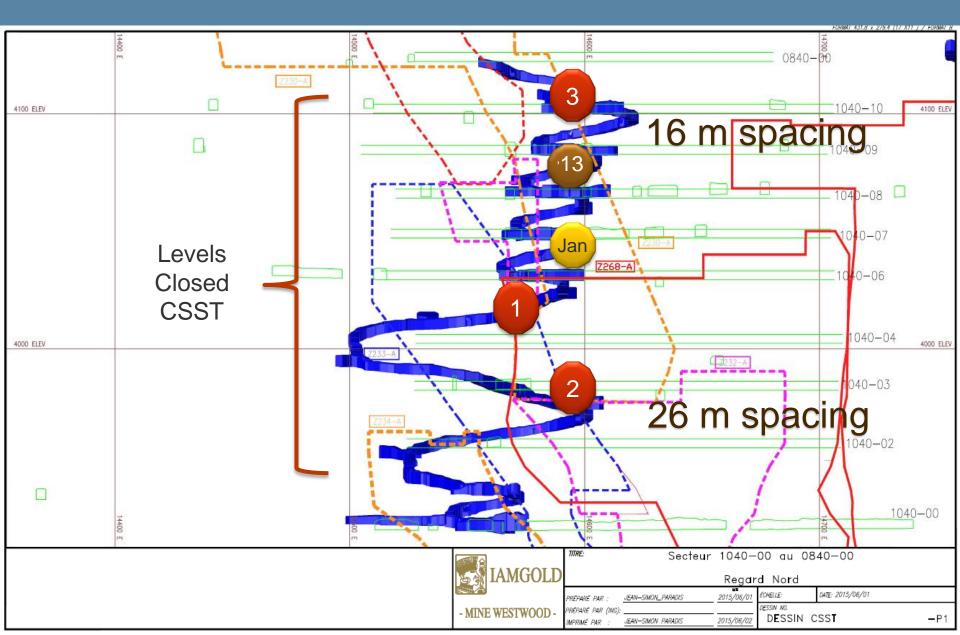
TSX: IMG NYSE: IAG

Timeline of Major Events

Date	Time	Location	Local Moment Magnitude	Regional Magnitude (M _R)	NRCan Magnitude (M _N)
2013-08-31	17:38	104-08*	N/A	1.4	2.2
	17:39	104-08*	N/A	2.4	3.0
2014-12-12	5:23	104-02	1.2	2.8	3.0
2014-12-29	18:35	104-00/02	1.4	1.4	1.8
	18:35	104-00/02	1.3	1.1	N/A
2015-01-22	12:55	104-06*	1.6	2.1	2.8
	12:55	104-06*	1.4	2.0	2.7
2015-05-26	03:28	104-06	2.1	2.7	3.2
2015-05-26	03:38	104-03	1.8	2.3	2.7
2015-05-27	20:11	104-10	1.9	2.0	2.4



Location of Zone Affected by May Seismic Event



- Technical Review in parallel with ICAM investigation
- Lead by WW Rock Mechanics group with significant support from Longueuil Technical Services group
- Principal Consultant: Rob Mercer, Knight Piésold Ltd.

• Other experts :

- Kathy Kalenchuk, MDEng (Numeric Modeling)
- > Dave Collins, Yuzo Toya, et al, ESG Solutions (Seismic Analyses)



The review process was conducted with the support and advice of the following internal and external experts:

- ICAM Investigation (internal incident review protocol)
- Technical Review
- External Consultants
- Peer Review
- CSST (Quebec regulator for mine safety)



The review process included the following tasks:

Data Collection

- Detailed inspections & mapping
- Geologic, geomechanical & seismic data

Identification of possible causes (hypotheses)

Hypotheses Validation

- Numeric modeling
- Geotechical drill holes
- Field observations

Development of the remediation plan



Seismic Context

Very complex geology → Variable behaviour in Unit 3

- Anisotropic (direction of foliation)
- Variations in alterations

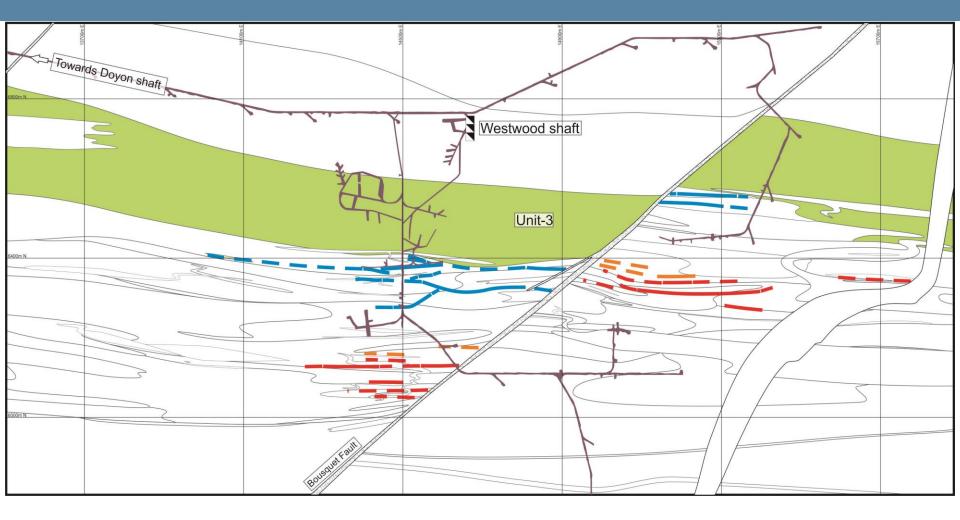
(alternating « hard brittle » and « soft plastic » rock)

• Existing geometry in 104-06/104-10 area including prior damage

- > August 2013 and January 2015 events
- Stress-induced damage around excavations

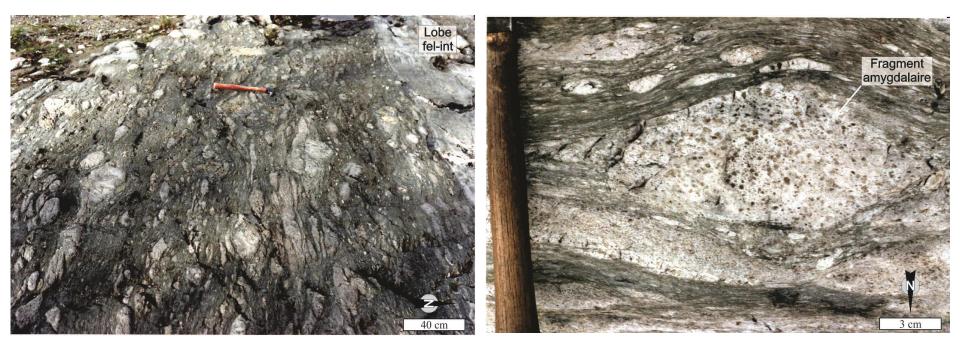


Unit-3 – Mafic-intermediate Lavas and Scoriaceous Tuffs





Unit-3 – Mafic-intermediate Lavas and Scoriaceous Tuffs





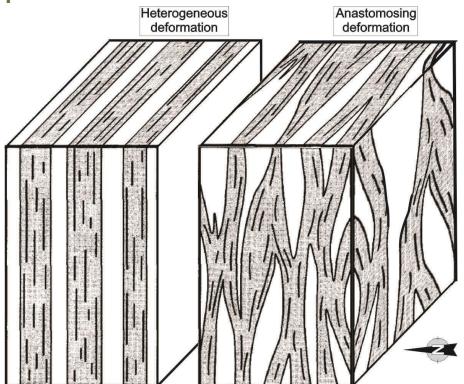


Structures – Main Schistosity

- Mean orientation: N100°/76°
- Penetrative and unevenly distributed: more pervasive near contacts and in soft rocks
- Heteroeneous and locally anastomosed patterns
- Risk of convergence and friabilty when intensely developed



• For more technical information → www.iamgold.com



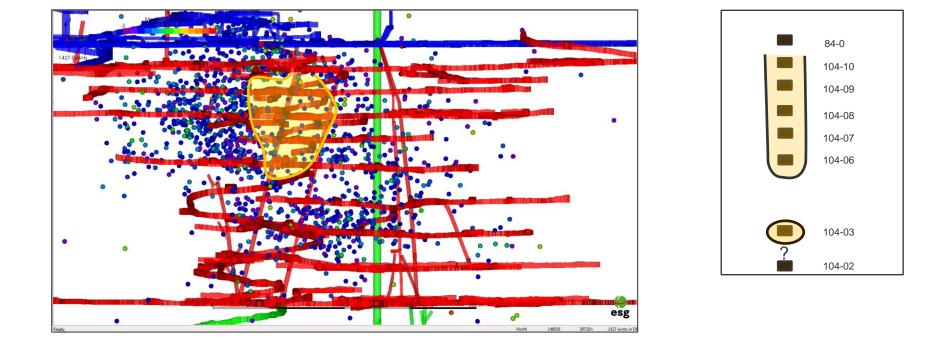


Geology Summary

- The geology of the Westwood Mine is complex
- The protoliths are overprinted by several types of hydrothermal alteration that are themselves affected by numerous deformation events
- The massive and less altered rocks are stiff and prone to seismicity and blockiness (e.g., Unit-5 and Unit-6)
- The strongly sericite ± chlorite altered rocks that are proximal to the ore zones are highly schistose and prone to convergence and friability (e.g., Unit-4 and Unit-5a)
- The units that are composed of a complex intercalation of mafic to felsic units of different composition and stiffness have a tough-to-predict behavior (e.g., Unit-1, Unit-2 and Unit-3)
- Unit-3 is variable because of the complex soft/hard rocks alternation and pervasive epidote alteration that mimics silicification
- No large-scale structures have been identified in the area of the seismic events.

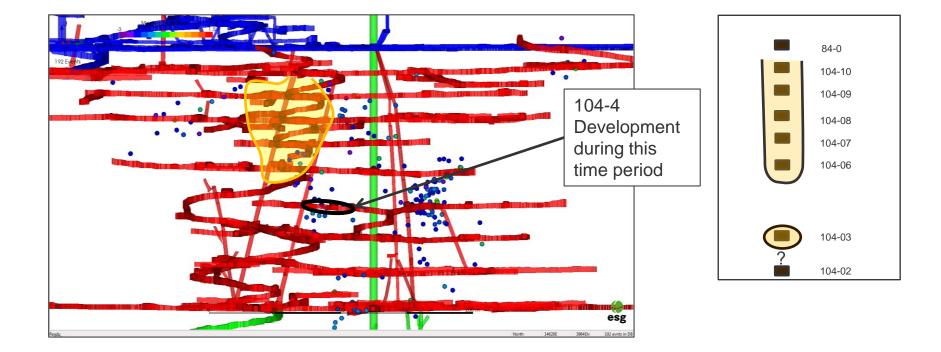


July 1 2014 to Mar 1, 2015 (approx. 1 year and start of 104-3 dev to start of 104-4 development)



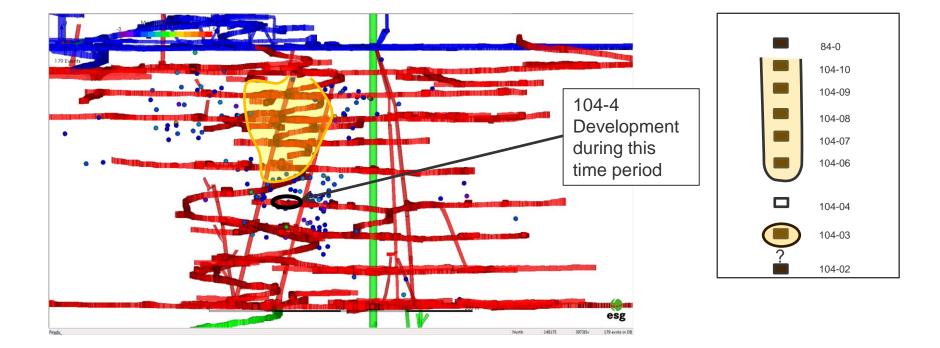


Mar 1, 2015 to Apr 1, 2015 (start of 104-4 development)





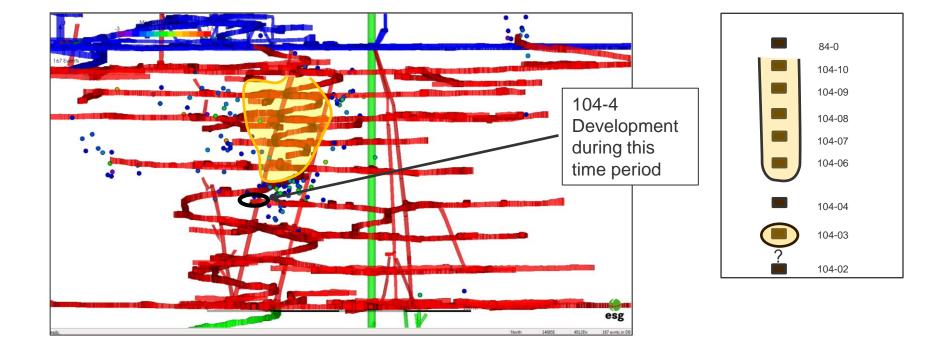
Apr 1, 2015 to May 1, 2015 (104-4 Development)







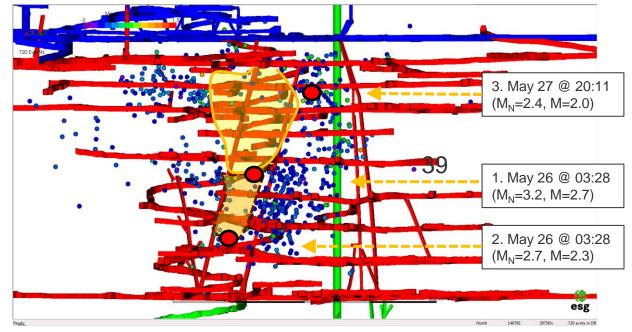
May 1, 2015 to May 26, 2015 (to 03:28, just prior to MN=3.2 Event)

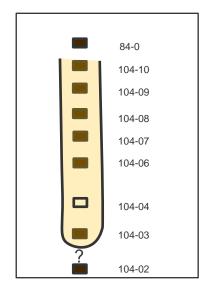






May 26, 2015 (03:28) to July 3





Note: This is the plot that uses a volume with a little more northing

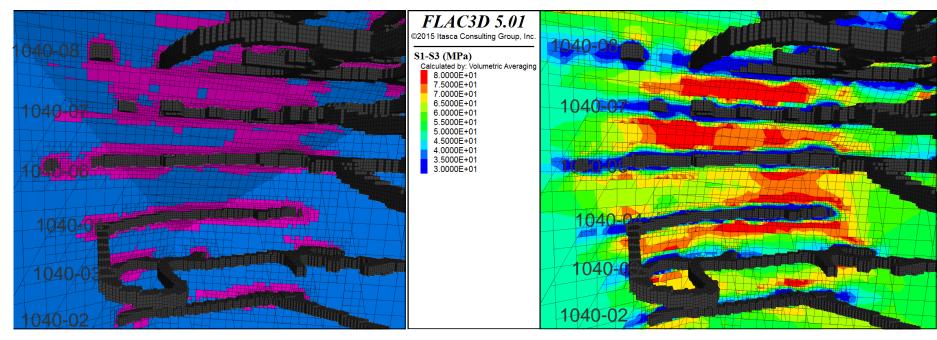




Numeric Model Sequence: 2015-05

Yielded Elements

Differential Stress

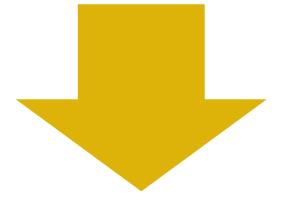


View looking SW Model3_vh_55





Event Trigger – 104-04 Development



Loss of Confinement (gradual effect)

Increase in Principal Stress (immediate effect)





Conclusions from Peer Review

Rejected failure hypotheses

- Movement
- Production blasting / stress redistribution due to ore mining sequence
- Water managment
- Peer review concluded that these events could not have been anticipated
- Appropriate risk management strategies are available



Elements of Seismic Risk Management Plan (SRMP)

• Prevention:

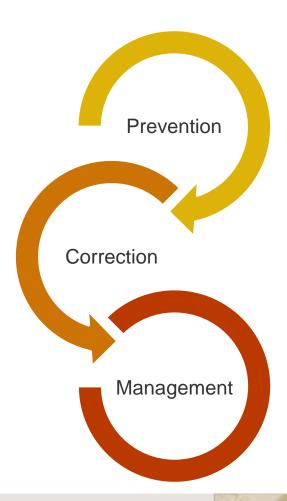
Reduction of seismic hazard in affected area and in new mining areas through the revision of design guidelines and processes

• Correction:

Resumption of mining in the affected area through rehabiliation and development of new accesses

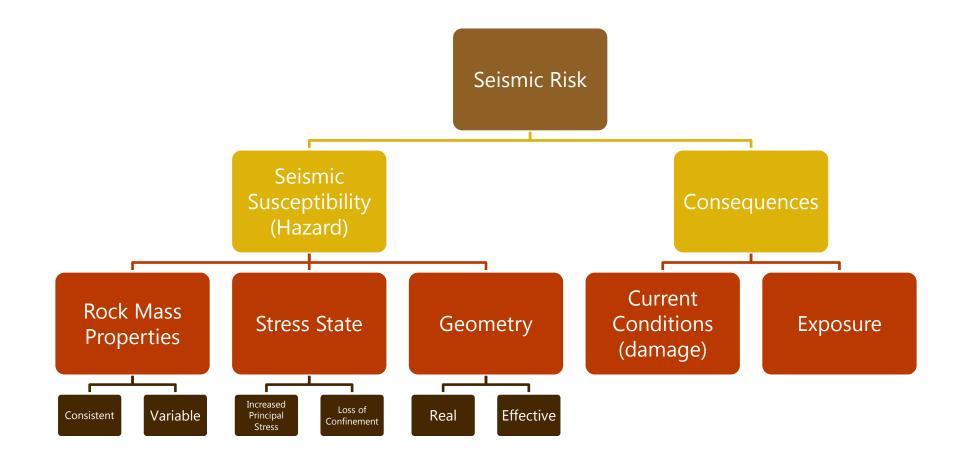
Management:

Establishment of operational strategies to mitigate residual risk



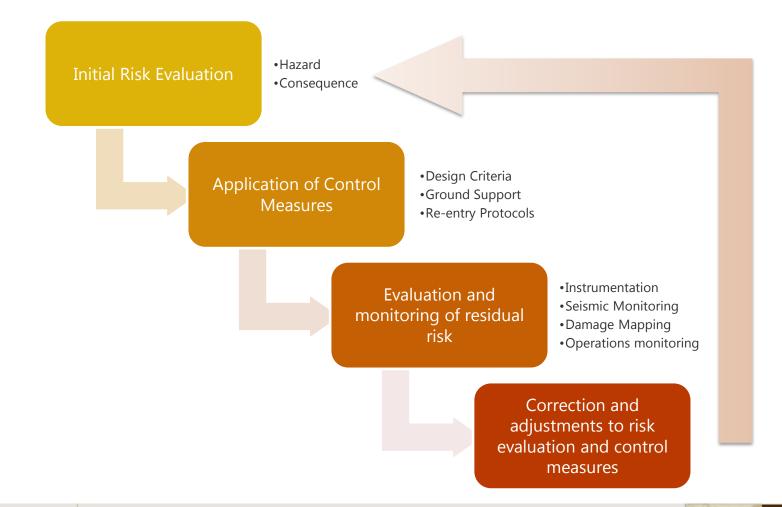


SRMP Framework



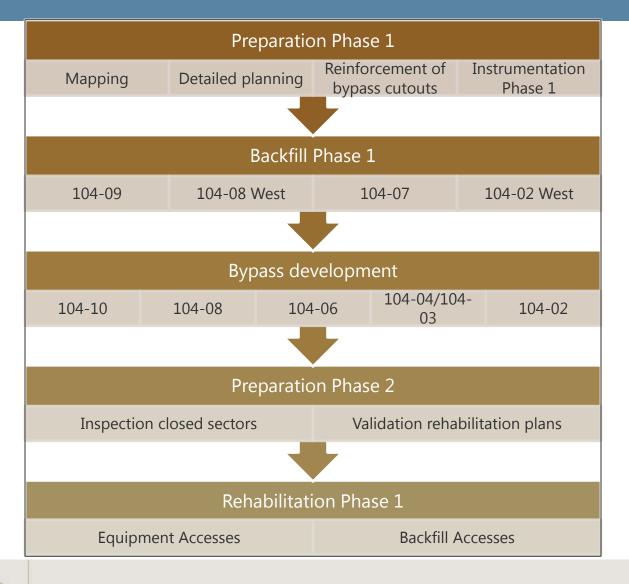


Seismic Risk Evaluation



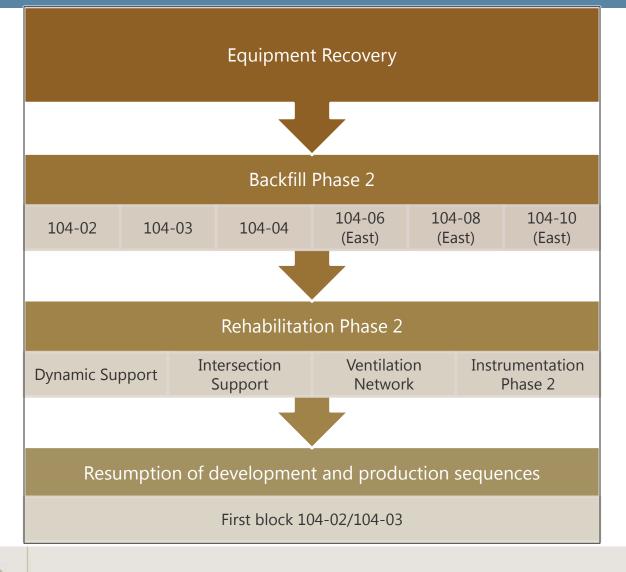


104 Mining Block – Reopening Process



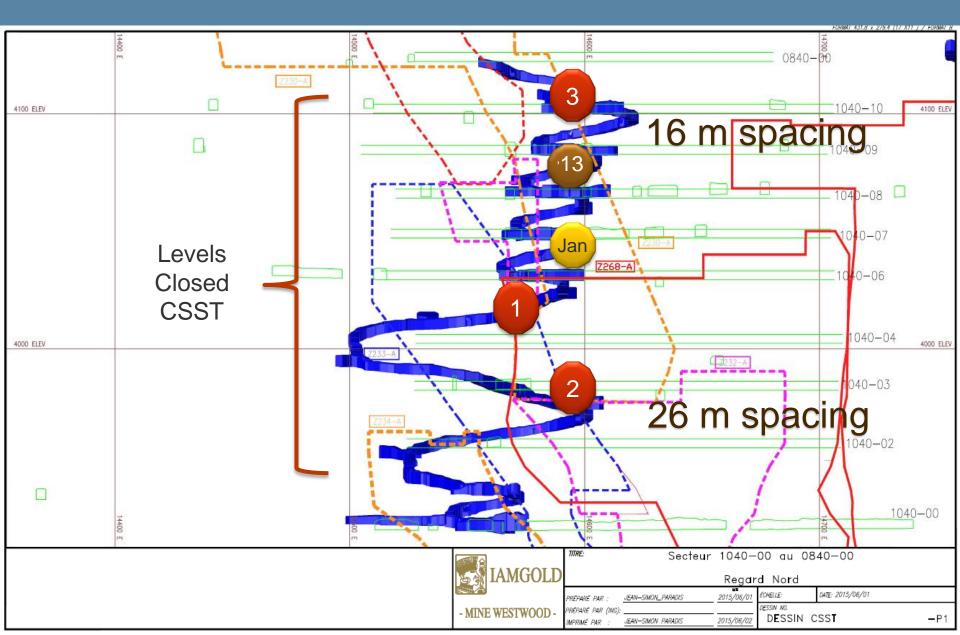


104 Mining Block – Reopening Process Continued





Location of Zone Affected by May Seismic Event



Westwood LOM & Five-Year Plans



TSX: IMG NYSE: IAG

Mining Parameters for Five-Year Plan

• Development:

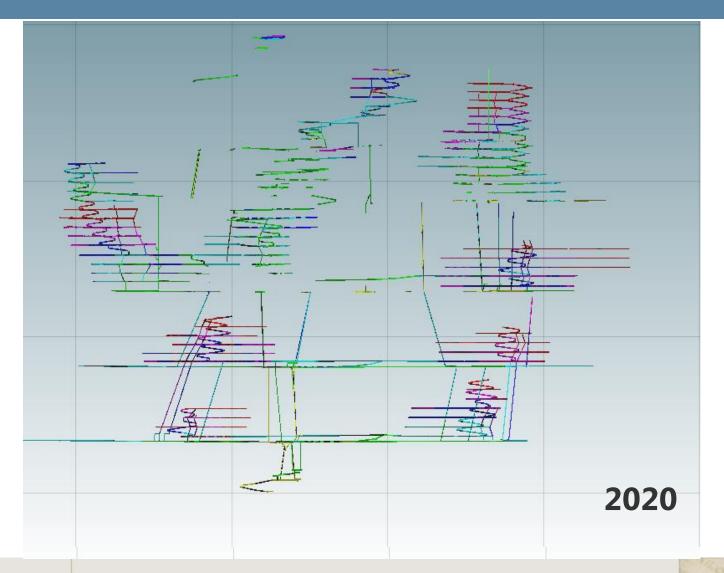
- Trackless: 8.1 m/crew/day
- Track: 3.9 m/crew/day
- > Alimak Raise: 3.6 m/crew/day
- Conventional Raise: 1.8 m/crew/day

• Production:

- > Longhole Mining (transverse, longitudinal, hybrid)
- Dilution: 65% for 2-m mining widths
- Mining recovery: 95%



5-Year Plan: Development Sequence



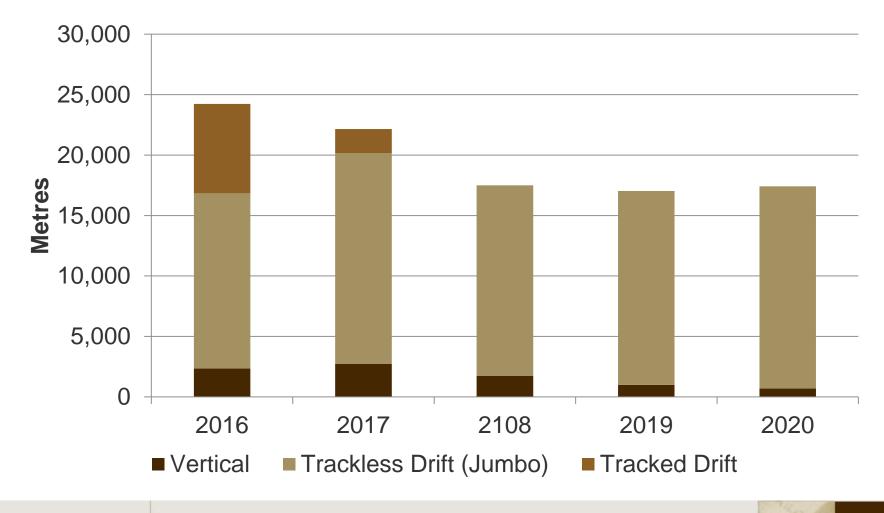


5-Year Plan : Development Summary

	2016 km	2017 km	2018 km	2019 km	2020 km	Total km
Stope Preparation (w/o V30)						
Drift	4.4	7.0	6.3	7.0	8.3	33.0
Deferred Development						
Trackless Drift	7.4	7.8	6.9	6.7	6.4	35.2
Tracked Drift	7.4	2.0				9.4
Ramp	2.6	2.7	2.5	2.3	2.0	12.1
Alimak Raise	1.9	0.8	0.5	0.3	0.2	3.7
Conventional Raise	0.5	1.9	1.2	0.7	0.5	4.8
Summary Vertical	2.3	2.7	1.8	1.0	0.7	8.5
Summary Lateral	21.9	19.4	15.7	16.0	16.7	89.8
Summary Grand Total	24.2	22.1	17.5	17.0	17.4	98.3

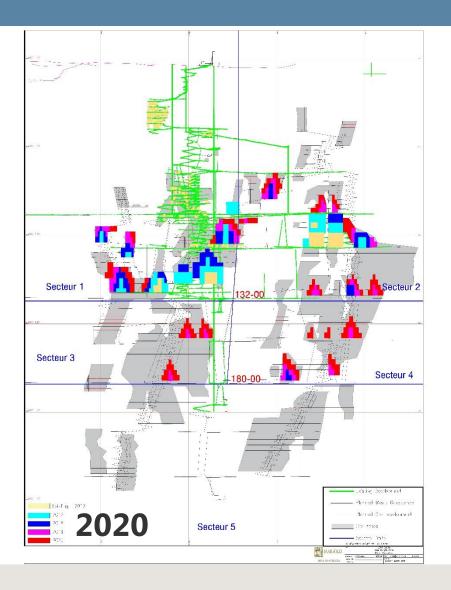


5-Year Plan : Development Summary





5-Year Plan : Production Sequence

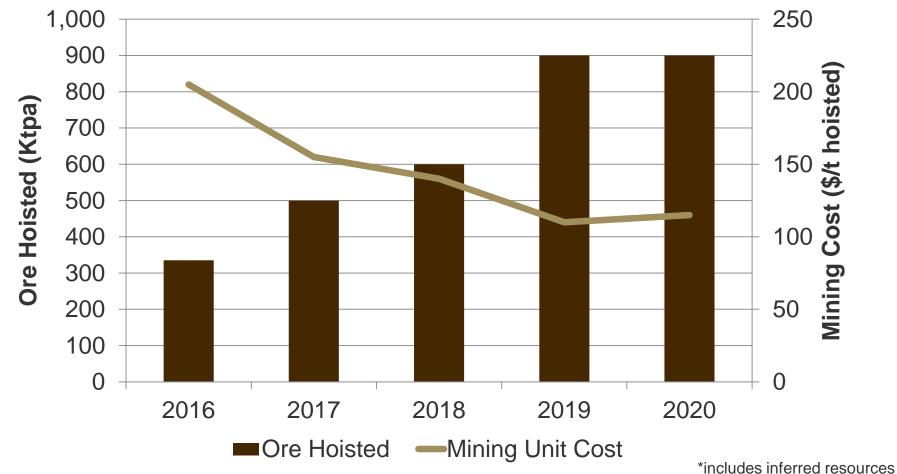


*includes inferred resources





5-Year Plan : Mine Production





Milling Parameters for Five-Year Plan

- Maximum Throughput: 900 000 tpa
- Mill Availability: 95% (345 days/year)
- Metallurgical Recovery: 96%



5-Year Plan : Production Summary

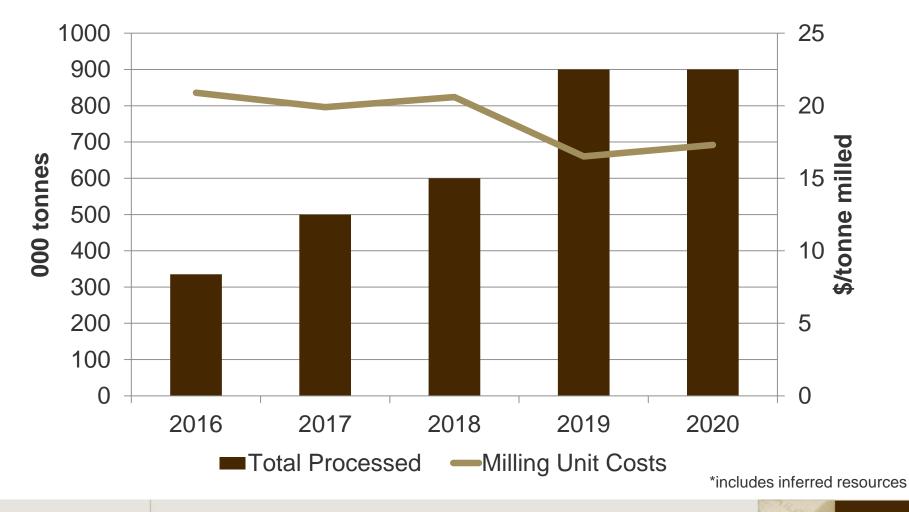
	2016	2017	2018	2019	2020	Total
Tonnes Milled ('000t)	335	500	600	900	900	3,235
Grade Au g/t	5.4	7.5	6.3	7.5	7.5	7.1
Ounces Au (Rec.96%) (000 oz.)	56	115	115	210	210	706
Tonnes waste hoisted ('000t)	780	780	610	615	630	3,410
Total tonnes hoisted ('000t)	1 115	1 280	1 210	1 510	1 530	6,645

*includes inferred resources





5-Year Plan : Mill Production





Westwood LOM Plan – January 2016

ASSUMPTIONS	GOLD PRICE (\$/oz.)	\$US / \$CDN
2016	1,150	1.25
2017	1,225	1.25
2018	1,250	1.20
2019	1,250	1.20
2020+	1,275	1.15

LOM TOTALS AND AVERAGES	
Ounces produced (Moz.)	3.3
LOM average annual production (oz.)	183,000
LOM average annual cash costs (\$/oz.)	658
LOM average annual AISC (\$/oz)	804
Average annual sustaining capital (\$M)	40

THROUGHPUT	
Mine life (years)	20
Ore mined	14.3
Ore milled (Mt)	14.3
Head grade (g/t)	7.4
Recovery rate	96.0%

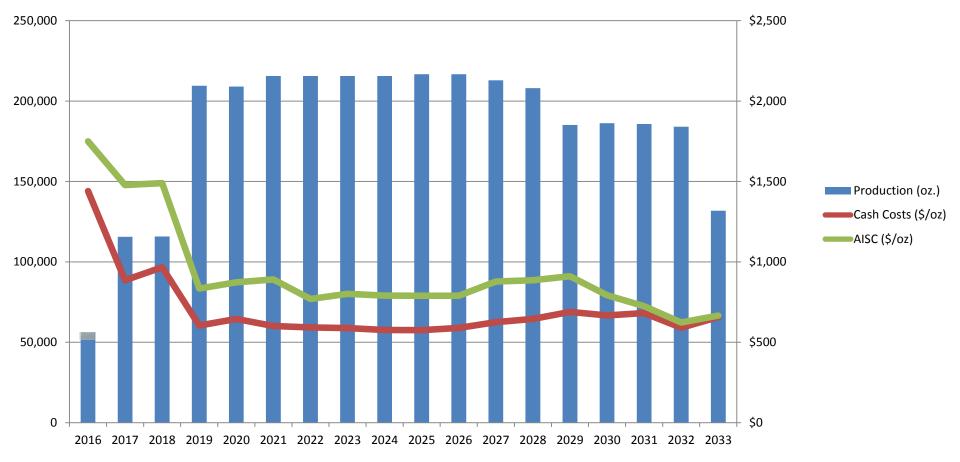
*includes	inferred	resources
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Westwood LOM – Production and Costs Forecast

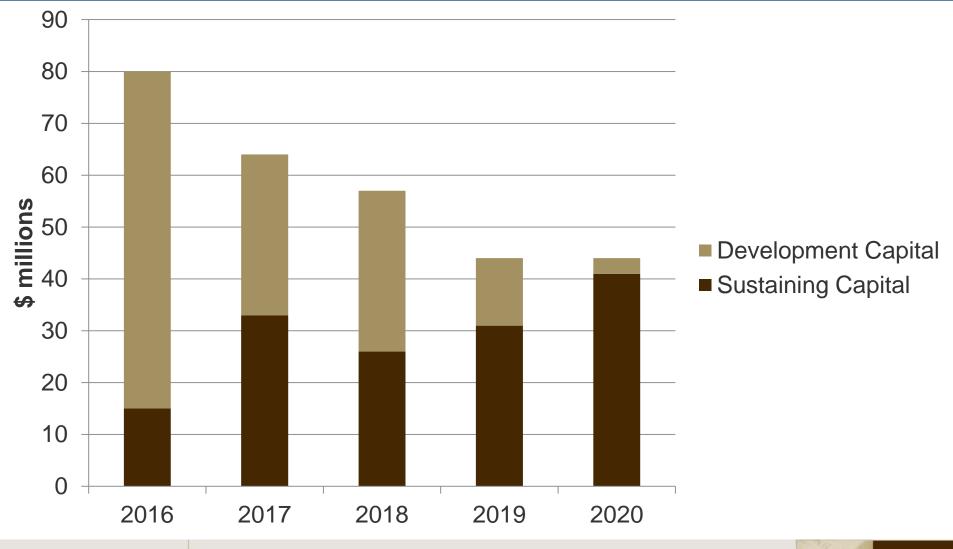
Westwood LOM Forecast



^{*}includes inferred resources



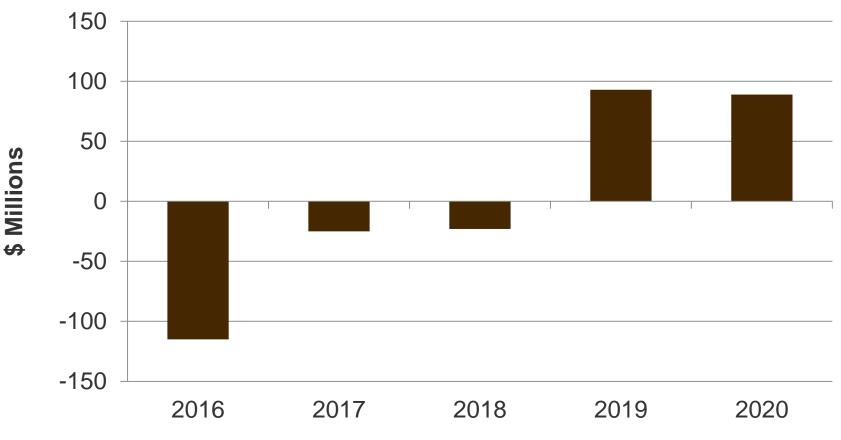
5-Year Plan : Capital Spending





5-Year Plan: Westwood Free Cash Flow

Free Cash Flow Before Financing





Opportunities

- Resource conversion, exploration
- Optimization mine design (development review)
- Warrenmac/WW10 type ore zones on lower levels (volume)
- Revision of capital program, including shaft deepening
- Technology, automation, new mining methods, vertical development alternatives
- Continuous Improvement projects and implantation of Strategic Priority Action Plan



Rosebel and Essakane LOM Overviews



TSX: IMG NYSE: IAG

Rosebel LOM Plan – January 2016

1,200
0.13
6.6
57
274
4.8

MILL METRICS	
Total mill feed (Mt)	66
Head grade (g/t)	1.1
Recovery rate	94.0%

LOM TOTALS AND AVERAGES	
Attributable ounces produced (95%) (Koz.)	2,044
LOM average annual attributable production (95%) (oz.)	316,000
LOM average annual cash costs (\$/oz.)	767
LOM average annual AISC (\$/oz)	959
Average annual sustaining capital (\$M)	32



Rosebel – Production and Costs Forecast

400,000 \$1,600 350,000 \$1,400 300,000 \$1,200 250,000 \$1,000 Attributable Production (oz.) Cash Cost (\$/oz) 200,000 \$800 AISC (\$/oz) 150,000 \$600 \$400 100,000 \$200 50,000 \$0 0

Rosebel LOM Forecast



2016

2017

2018

2019

Actively exploring UJV areas adjacent to Rosebel

2021

2022

2020

66

Essakane LOM Plan – January 2016

ASSUMPTIONS

Gold price (\$/oz.)	1,200
Electricity costs (\$/kWh)	0.19
Crude oil (\$/bbl)	75
Mine life (years)	8.2

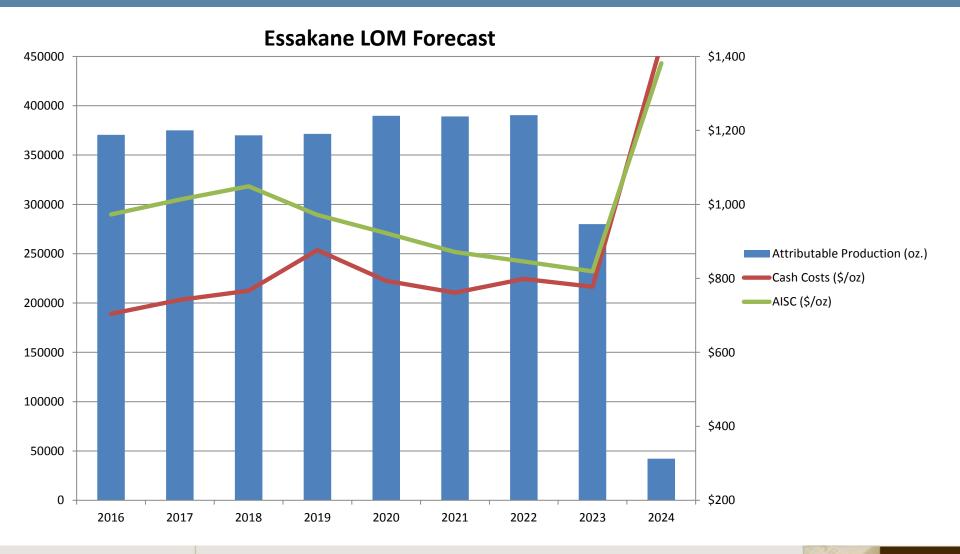
MINE METRICS	
Ore mined (Mt)	84
Waste mined (Mt)	215
Strip Ratio	2.6

MILL METRICS	
Total mill feed (Mt)	100
Head grade (g/t)	1.1
Recovery rate	92.4%

LOM TOTALS AND AVERAGES	
Attributable ounces produced (90%) (Koz.)	2,978
LOM average annual attributable production (90%) (oz.)	368,000
LOM average annual cash costs (\$/oz.)	788
LOM average annual AISC (\$/oz)	948
Average annual sustaining capital (\$M)	32



Essakane LOM – Production and Costs Forecast





Actively exploring potential w/ land position >1,200 km²

Sadiola – Mali



Open-pit mine has produced 7M oz. over 20 years

Decline in cash costs for 2015 due to lower fuel and consumable prices and favourable FX rates

RC drilling program testing oxide targets; encouraging results

Potential to continue mining and milling oxides beyond 2018

Continue to evaluate options for SSP

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



Wrap Up



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2016 Production and Cost Guidance¹

Rosebel (000s oz.)	285 - 295
Essakane (000s oz.)	365 – 375
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 ^{2,4} (\$/oz.)	\$775 - \$815
All-in sustaining costs ^{2,3} – owner-operator (\$/oz.)	\$1,000 - \$1,100
All-in sustaining costs ^{2,4} (\$/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 and Westwood on an attributable basis.

⁴ Consists of Rosebel, Essakane , Westwood, Sadiola and Yatela on an attributable basis



2016 Capital Expenditure Guidance

(\$ millions)	Sustaining ¹	Development/ Expansion (Non-sustaining)	Total
Rosebel	50	15	65
Essakane	85	-	85
Westwood	15	65	80
Total gold segments	150	80	230
Corporate and development projects ²	-	10	10
Total consolidated	150	90	240
Joint ventures	5	5	10
Total (±10%) ³	155	95	250

¹ Includes capitalized stripping of \$14M at Rosebel and \$43M at Essakane.

² Includes capital spending at Côté Gold and Boto Gold.

³ Capitalized borrowing costs are not included.





- Management's understanding of Westwood is vastly improved; mine plan incorporates lessons from 2015
- Deployment of capital in Westwood will contribute to the ramp-up of our highest grade, lowest cost, longest life mine
- LOM plans at each of our wholly-owned mines are designed to ensure IAMGOLD generates free cash flow ASAP
- Using conservative assumptions, management believes that these plans will enable the company to meet its financial obligations and be well positioned to take advantage of higher gold prices
- Exploration continues to advance project pipeline



Question and Answer Period

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