

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

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



Geographically Diversified Asset Base





Strong Foundation Enables Adaptability and Flexibility

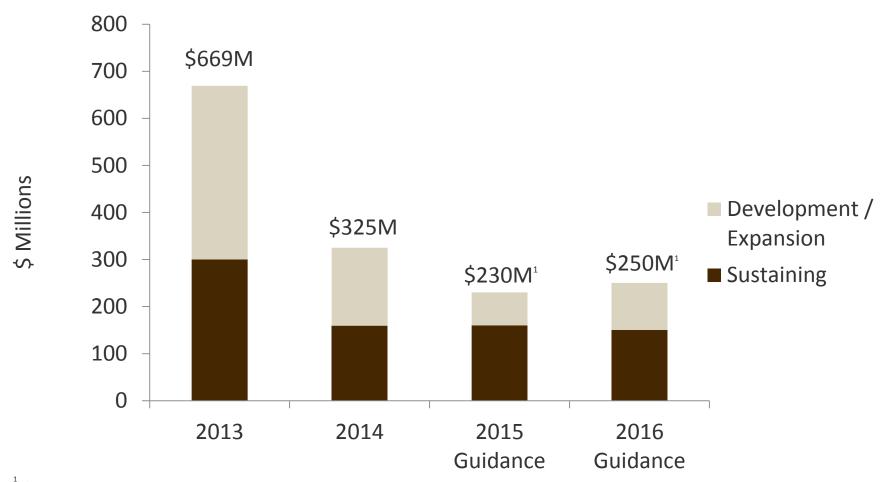


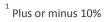
Near Term Strategy

- Further reduce costs by mine optimization, productivity improvements and disciplined capital spending
- Maintain financial strength
- Advance greenfield and brownfield exploration projects
- Continue evaluating M&A opportunities with near-term cash flow potential and attractive rates of return



Disciplined Capital Spending







2016 Capital Expenditure Outlook¹

(\$ millions)	Sustaining¹	Development/ Expansion (Non-sustaining)	Total
Rosebel	50	15	65
Essakane	85	0	85
Westwood	15	65	80
Total gold segments	150	80	230
Corporate & Development Projects ²	-	10	10
Total consolidated	150	90	240
Joint ventures	5	5	10
Total ³ (±10%)	155	95	250

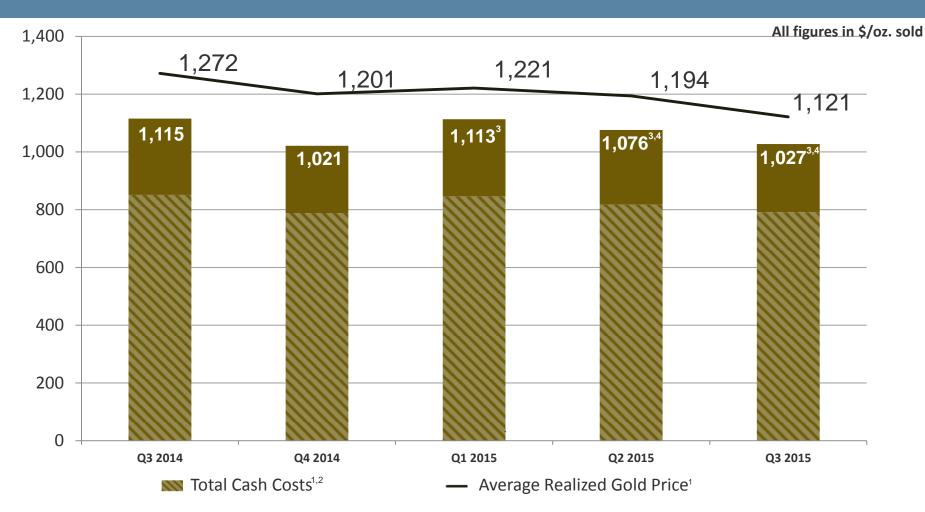
³ Capitalized borrowing costs are not included.



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

² Includes capital spending at Côté Gold and Boto Gold.

All-In Sustaining Costs^{1,2}



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

⁴ Includes reduction of \$28/oz sold in Q2/15 and \$80/oz sold in Q3/15 to normalize costs following production interruption at Westwood.



² Consists of Rosebel, Essakane, Westwood (commercial production), Mouska, Sadiola and Yatela on an attributable basis.

³ Includes realized hedge and non-hedge derivative losses of \$64/oz in Q1/15, \$53/oz. in Q2/15 and \$73/oz in Q3/15.

2016 Production and Cost Guidance^{1,3}

	Guidance ¹
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 ^{2,3} (\$/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.

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



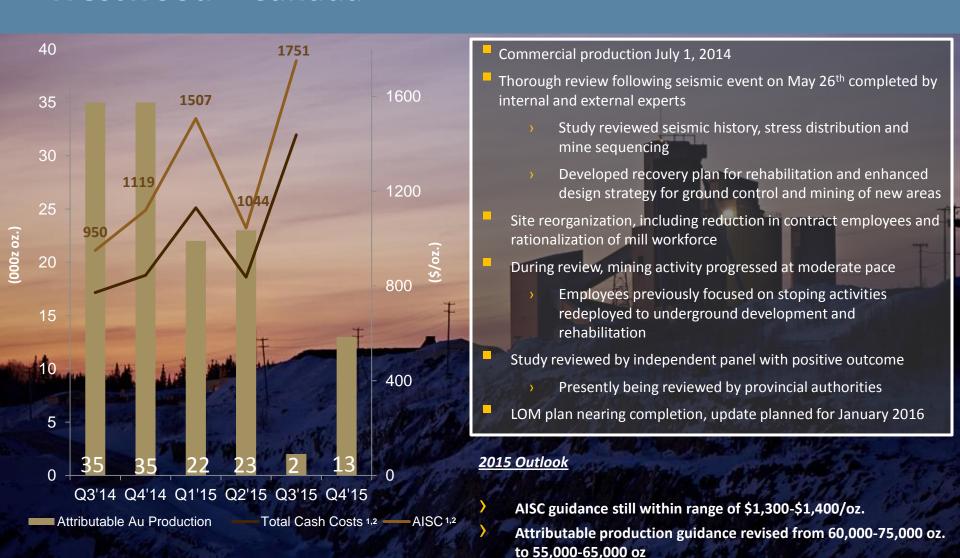
² This is a non-GAAP measure. Refer to the non-GAAP performance measures section of the MD&A for reconciliation to GAAP.

Operations Review

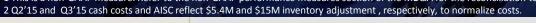




Westwood – Canada

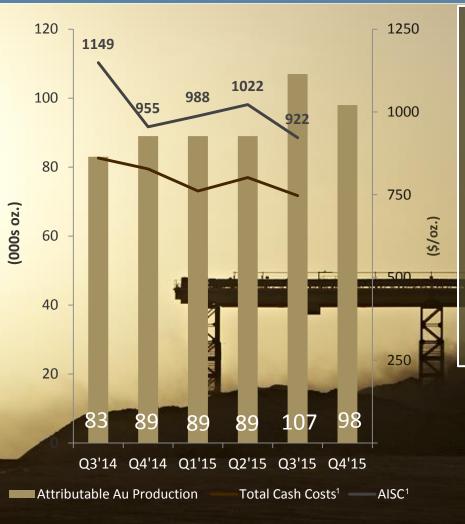


1 This is a non-GAAP measure. Refer to the non-GAAP performance measures section of the MD&A for the reconciliation to GAAP.





Essakane – Burkina Faso



- Open-pit mine in 5th year of production; 10 years remaining
- April 2015 updated resource estimate at Falagountou increased indicated resources by 84% to 613,000 oz. and grade by 10% to 1.5 g/t Au
 - Expected to extend Essakane's peak production levels beyond the next 4 years
 - > Commenced mining on June 2015
- Hard rock comprises 64% of ore mix
- Record production for Q3/15 of 107,000 ounces, up 29% from Q3/14 due to higher grades and 22% increase in mill throughput
- Mill expansion completed in 2013 to accommodate increasing proportion of hard rock
- Hard rock milled will move toward 90% by 2016
 No impact on Essakane's production from political circumstances in Burkina Faso during month of September; stability in the country restored

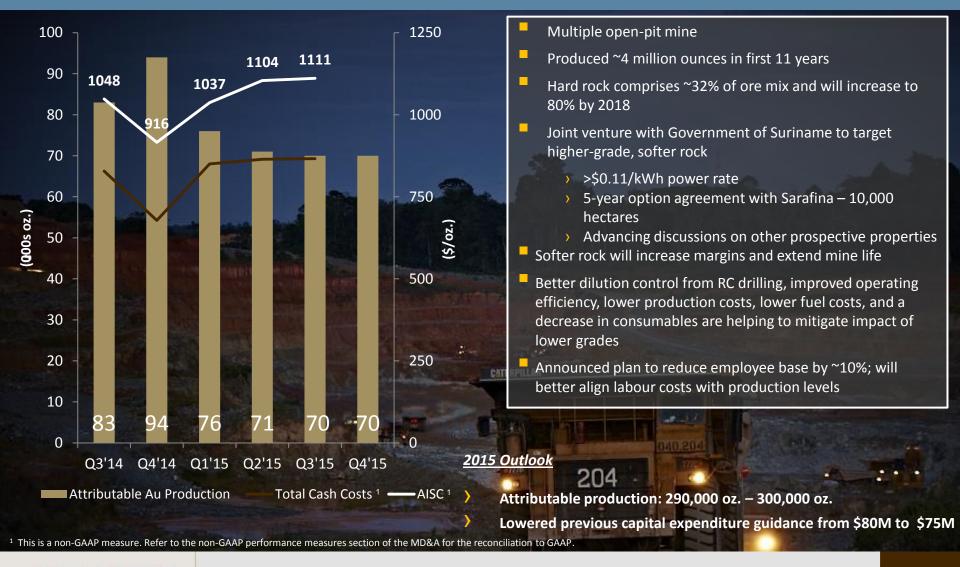
2015 Outlook

- Increased attributable production guidance from 360,000-370,000 oz. to 365,000-380,000 oz.
- Higher grades and lower fuel prices, together with productivity improvements, will help mitigate impact on costs from harder rock

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

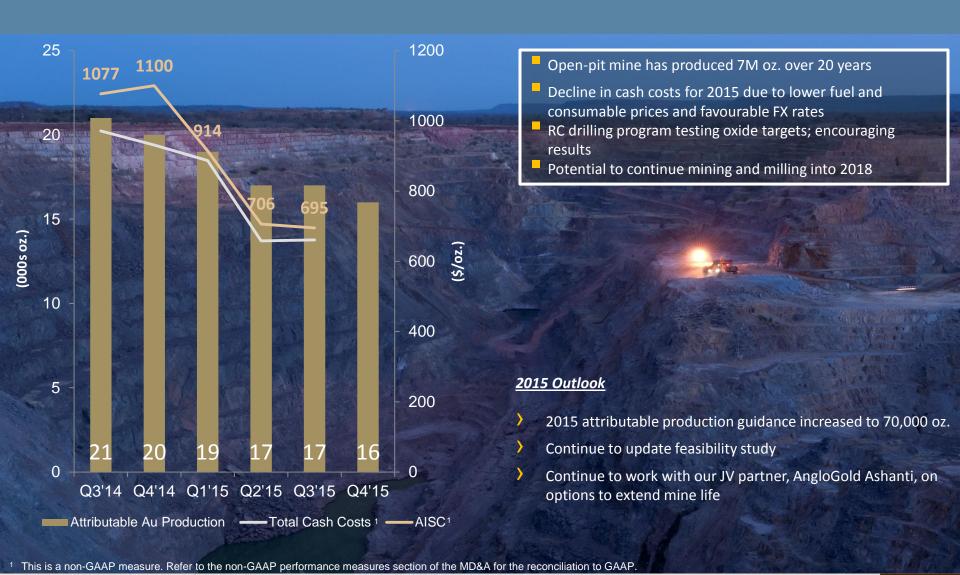


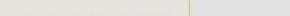
Rosebel – Suriname



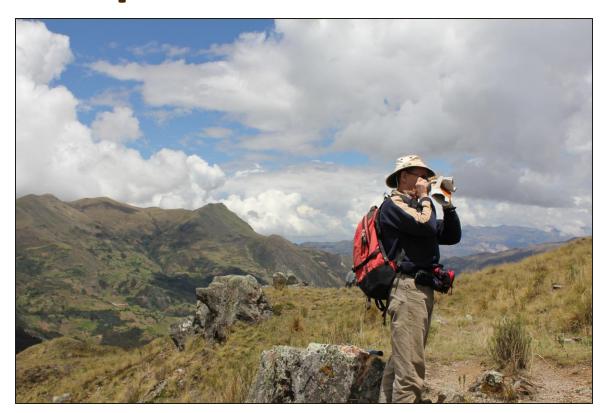


Sadiola – Mali





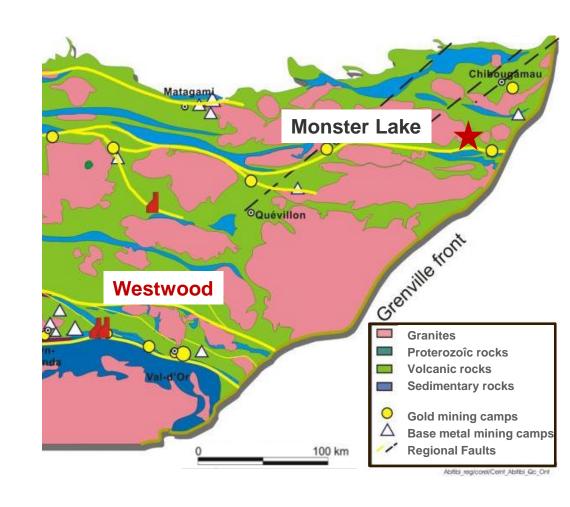
Exploration Review





Monster Lake (Quebec) – JV with TomaGold

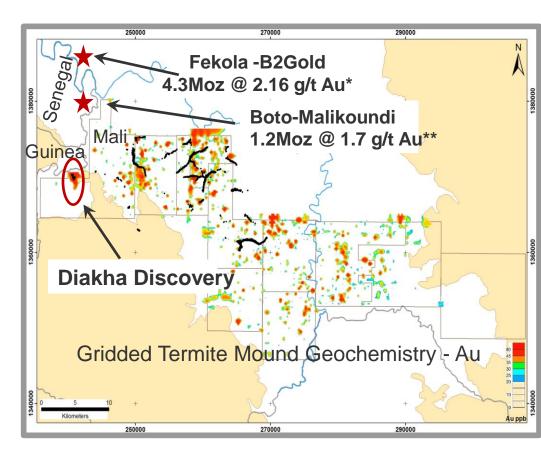
- October 30, 2015 Amended earn-in option agreement with TomaGold
 - Acquired 50% interest in exchange for C\$3.2M cash payment
 - Option to increase interest to 75% with further C\$10M in exploration expenditures by 2021
- June 25, 2015 Highlights from 2015 winter drilling results include:
 - 1.5 m at 18.80 g/t Au
 -) 10.7 m at 3.64 g/t Au
- Completed summer field program in Q3/15;
 results will prioritize future drilling targets
- 4,000 metre drill program targeting the Megane-325 zone underway





Siribaya (Mali) – JV with Merrex Gold

- Focused on Diakha prospect extension of trend hosting Boto Gold deposit
- Highlights from infill delineation drilling completed in H1/15 include:
 - 34 m at 11.99 g/t Au, including 18 m at 18.10 g/t Au¹
 - 40 m at 2.52 g/t Au, including 9 m at 8.83 g/t Au²
- 43-101 compliant mineral resource estimate completed and being validated
- November 10, 2015 announced increase in share ownership of Merrex to 25%





¹ Reported by Merrex on August 5, 2015.

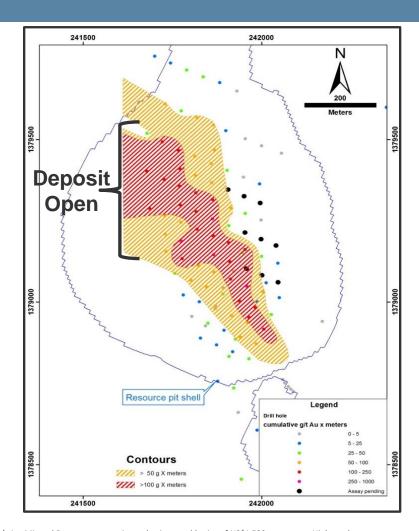
² Reported by Merrex on June 11, 2015.

^{* -} Source B2Gold Website

^{** -} IAMGOLD News Release – February 18, 2015

Boto Gold Project (Senegal)

- Estimated indicated resource of 1.2 M oz at 1.7 g/t Au and inferred resource of 0.64 M oz at 1.8 g/t Au
- Infill drilling at Malikoundi deposit completed Q2/15
- July 20, 2015 Final 2015 assay results reported include:
 - > 36 m at 3.59 g/t Au, including 7 m at 9.46 g/t Au
 - > 25 m at 4.26 g/t Au, including 8 m at 8.80 g/t Au
- Resource update is completed
- Technical and environmental studies to support economic evaluation will continue through 2016



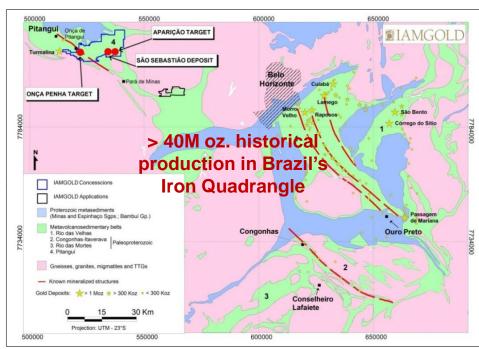
Source: Updated Resource Estimate for Boto Gold, effective December 31, 2014.

Note: CIM Definitions were followed for classification of Mineral Resources. Mineral Resources are estimated at a cut-off grade of 0.60 g/t Au. Mineral Resources are estimated using a gold price of US\$1,500 per ounce. High grade assays are capped at 15 g/t Au to 30 g/t Au depending on geological area. Bulk density varies from 1.61 g/cm³ to 2.62 g/cm³ based on weathering code. The Mineral Resource Estimate is constrained by a Whittle Pit shell. Mineral Resources are not Mineral Reserves and do not yet have demonstrated economic viability, but are deemed to have a reasonable prospect of economic extraction. Numbers may not add due to rounding. Mineral Resources are reported on a 100% ownership basis.



Pitangui Project (Brazil)

- April 2014 maiden inferred resource estimate of 0.64 M oz at 4.88 g/t Au
- Assay results highlights reported July 7, 2015:
 - > 11.9 m at 6.84 g/t Au, including 3.5 m at 17.02 g/t Au
 - > 7.6 m at 9.78 g/t Au and 4.4 m at 16.56 g/t Au
 - > 7.4 m at 8.12 g/t Au
- Resource delineation drilling program to upgrade the resource within the core area of the São Sebastião deposit completed
- Assay results being incorporated into an updated resource model
- Drilling commenced to test electromagnetic (Em) anomalies previously identified on property
 - > Similar to Em anomaly at São Sebastião deposit



Source: Updated Resource Estimate for Pitangui, effective January 9,2014. Note: CIM Definitions were followed for classification of Mineral Resources. Mineral Resources are estimated at a cut-off grade of 3.0 g/t Au. Mineral Resources are estimated using a gold price of US\$1,500 per ounce. High grade assays are capped at 10g/t Au to 15 g/t Au depending on geological area. Bulk density, as determined from 2,570 measurements, varies from 3.06 g/cm³ to 3.24 g/cm³ based on geologic area. Mineral Resources are not Mineral Reserves and do not yet have demonstrated economic viability, but are deemed to have a reasonable prospect of economic extraction. Numbers may not add due to rounding. Mineral Resources are reported on a 100% ownership basis.



Eastern Borosi (Nicaragua) – JV with Calibre Mining

- Drilling program in 2015 focused on further testing discoveries from 2014 as well as exploring additional vein systems
- Q3/15 received final assay results from diamond drilling in Q2/15
- May 6, 2015 Blag vein system drilling¹:
 - Included highest grade silver intercepts reported to date
 - 10.7 m at 3.08 g/t Au and 381.3 g/t Ag, including2.6 m at 9.01 g/t Au and 949.1 g/t Ag
 - Defined a continuous high-grade gold and silver shoot within the vein system
- July 2015 Blag vein system drilling highlights include²:
 - 5.4 m at 2.99 g/t Au and 31.6 g/t Ag
 - 4.7 m at 7.84 g/t Au and 6.0 g/t Ag
 - > 19.2 m at 1.11 g/t Au and 223.4 g/t Ag
- Compiling results to determine future drilling priorities



² Reported by Calibre Mining July 20, 2015.



¹ Reported by Calibre Mining May 6, 2015.

