

2014 Third Quarter Results

November 13, 2014

Management Participants

STEVE LETWIN

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VP, Investor Relations

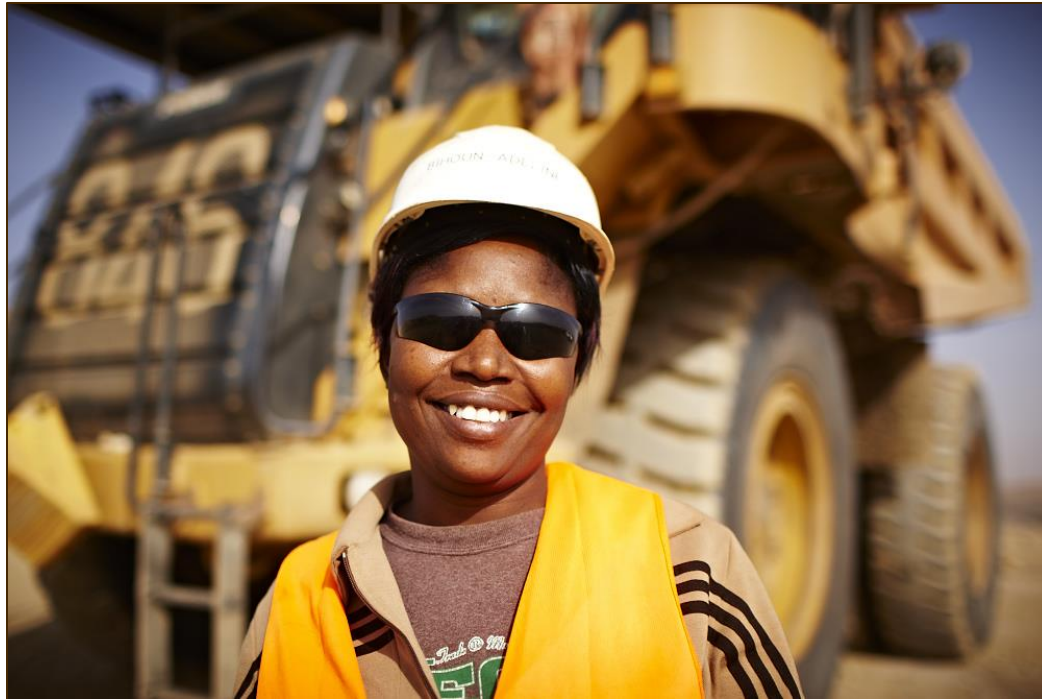
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All information included in this presentation, including any information as to the Company's future financial or operating performance, and other statements that express management's expectations or estimates of future performance, other than statements 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, niobium production 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", "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 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, niobium, copper, silver or certain other commodities (such as diesel, aluminum 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.html. The risks described in the Annual Information Form (filed and viewable on www.sedar.com and www.sec.gov/edgar.html, 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.

Opening Remarks



Staying Focused on Strategic Priorities



Cost Reduction

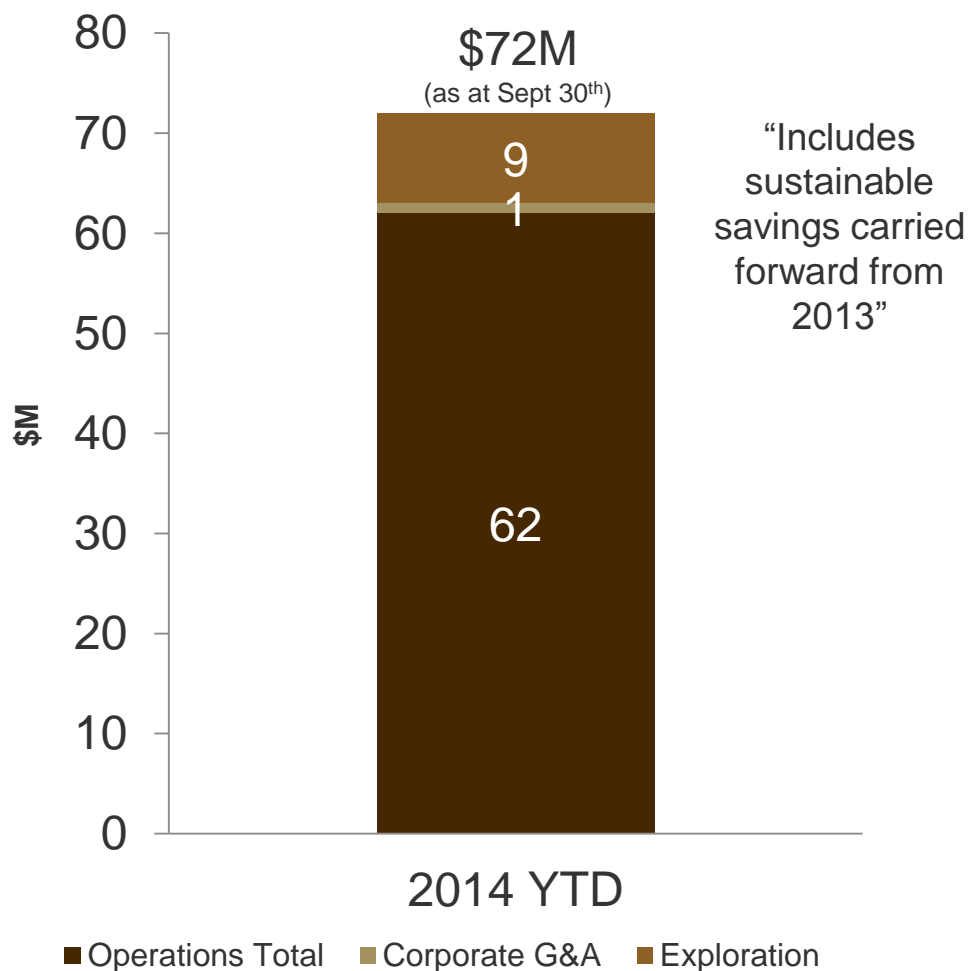


Capital Discipline

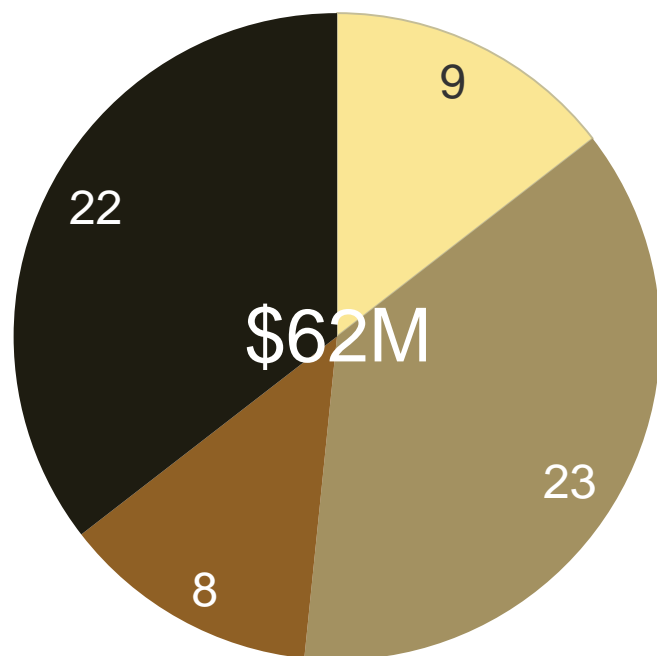


Cash Preservation

Cost Reduction - Targeting \$100/oz by 2015

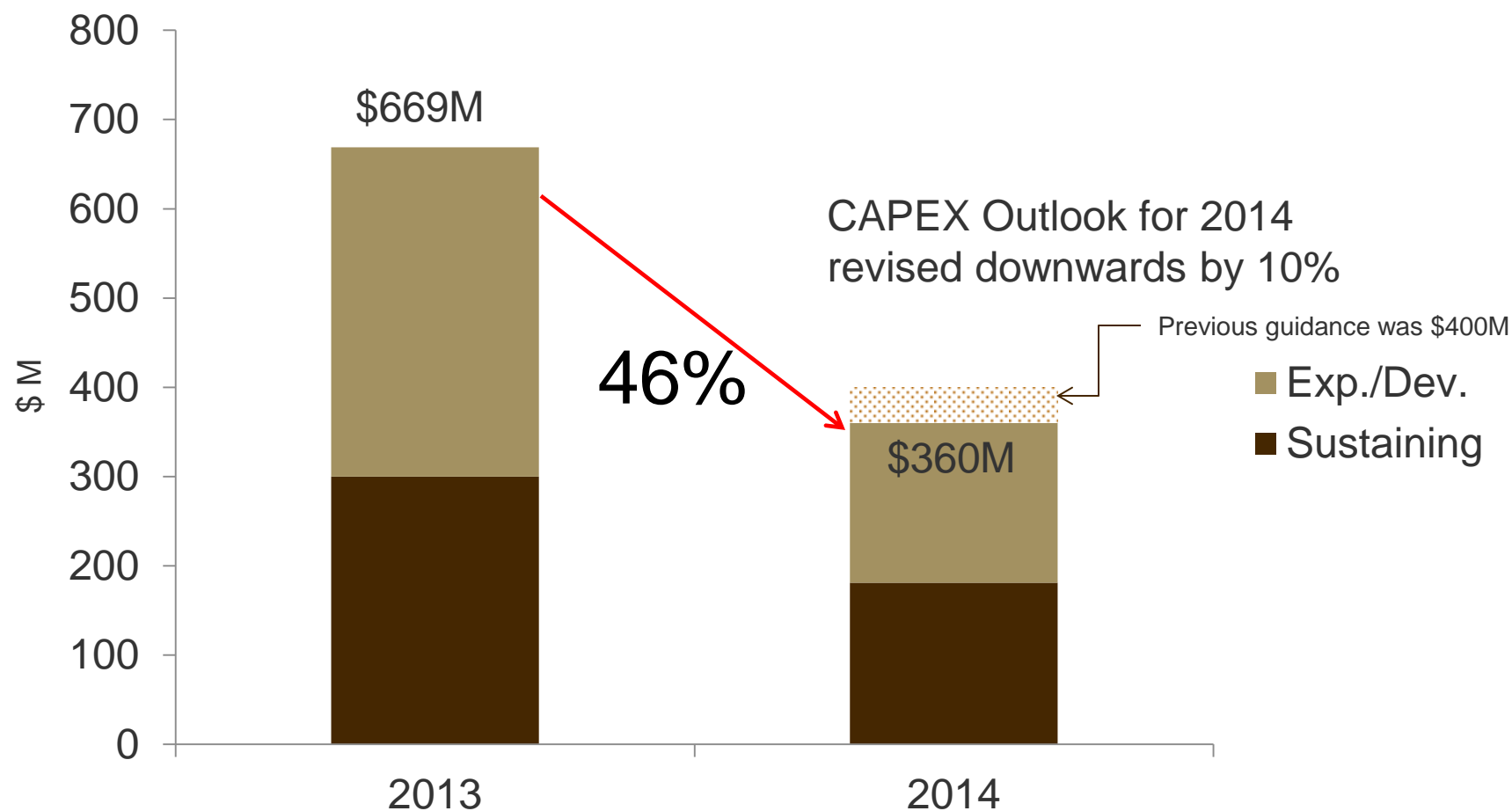


Operations Cost Reductions YTD by Site (\$M)



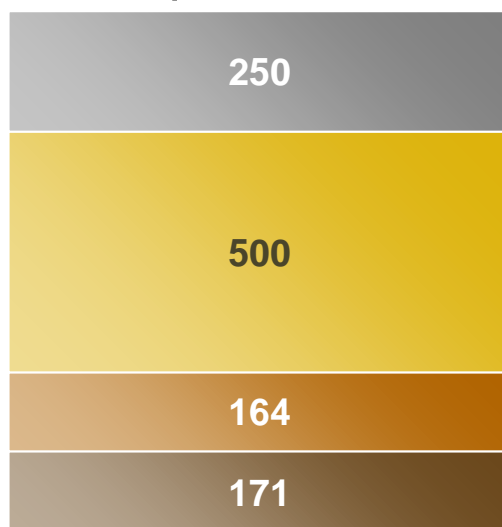
■ Westwood ■ Rosebel ■ Essakane ■ Niobec

2014 CAPEX Expected 46% Lower than 2013



Strong Liquidity Today; Stronger After Niobec Sale

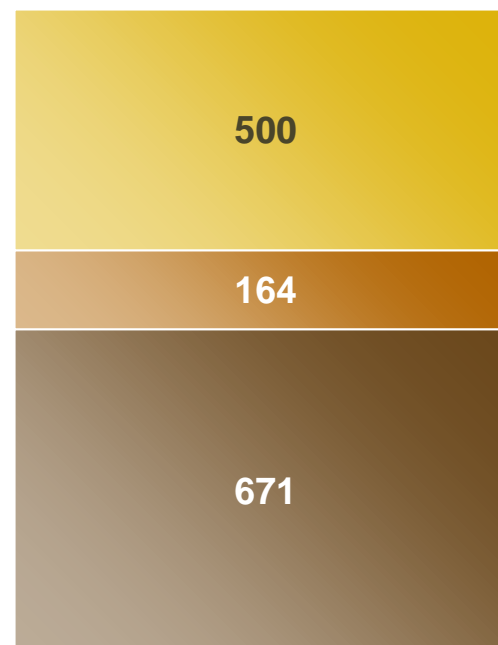
\$1.09 B



As at September 30, 2014

■ Cash & cash equivalents ■ Gold bullion at market
■ Unused credit facility ■ Unused Niobec credit facility

\$1.34 B

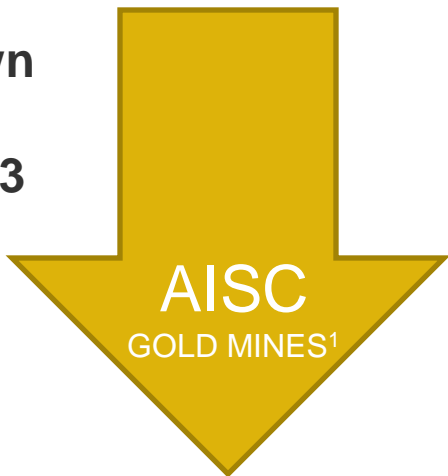


**Pro Forma Liquidity with Cash Proceeds
from Sale of Niobec**

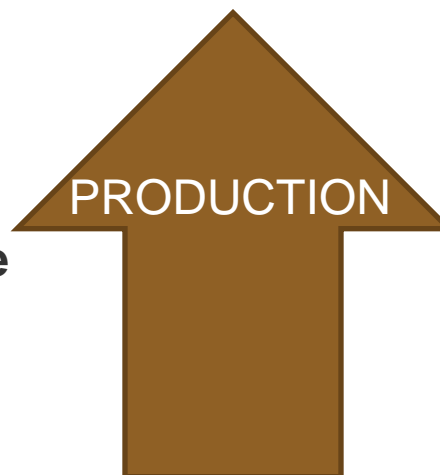
■ Cash & cash equivalents ■ Gold bullion at market
■ Unused credit facility

Positive Indicators

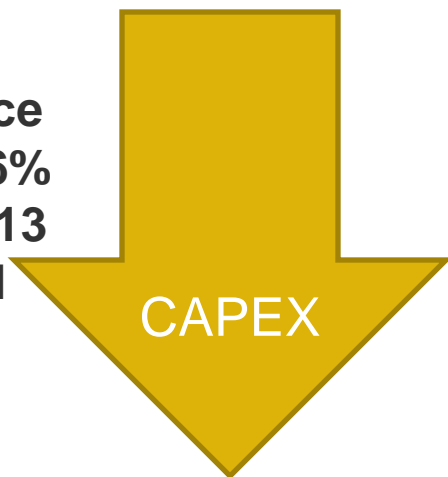
**Q3/14 down
\$114/oz.
from Q4/13**



**Growth for
two
consecutive
quarters in
2014**



**2014
Guidance
down 46%
from 2013
Actual**



**42%
growth
during
Q3/14**



2014 Revised Full Year Guidance⁶

Attributable gold production		<u>Guidance</u>	<u>Revised Guidance</u>
	Rosebel (000s oz.)	330 - 350	315 - 320
	Essakane (000s oz.)	315 - 330	330 - 335
	Doyon division (000s oz.) ¹	100 - 120	95 - 100
	Total owner-operated production (000s oz.)	745 - 800	740 - 755
	Joint ventures (000s oz.)	90 - 100	95
	Total attributable production (000s oz.)	835 - 900	835 - 850
	Total cash costs ^{2,3} – owner-operator	\$790 - \$830	
	Total cash costs – gold mines ⁴ (\$/oz.)	\$825 - \$875	
	All-in sustaining costs ² – owner-operator (\$/oz.)	\$1,100 - \$1,200	
	All-in sustaining costs – gold mines (\$/oz.)	\$1,150 - \$1,250	
	All-in sustaining costs – total ⁵ (\$/oz.)	\$1,080 - \$1,185	
	Niobec production (Mkg Nb)	5.2 – 5.5	
	Niobec operating margin ² (\$/kg Nb)	\$17 - \$19	

¹ Doyon Division production of 95,000 to 100,000 ounces includes Westwood pre-commercial production. The contribution from pre-commercial production was recorded against its mining assets.

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

³ The total cash costs computation does not include Westwood pre-commercial production.

⁴ Gold mines, as used with total cash costs and all-in sustaining costs, consist of Rosebel, Essakane, Westwood (commercial production), Mouska, Sadiola and Yatela on an attributable basis.

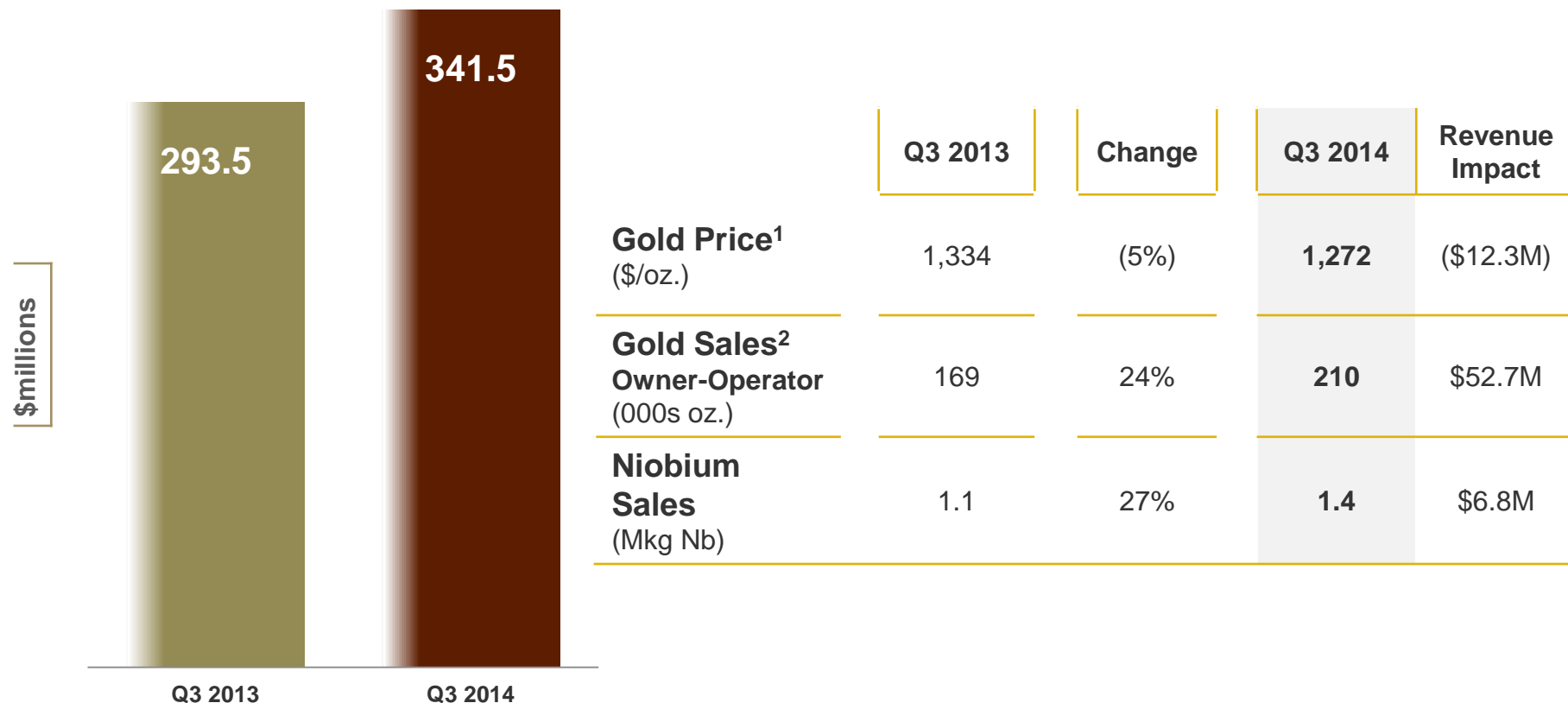
⁵ Total, as used with all-in sustaining costs, includes the impact of niobium contribution, defined as the Niobec mine's operating margin and sustaining capital, on a per gold ounce sold basis.

⁶ The outlook is based on 2014 full year assumptions with an average realized gold price of \$1,300 per ounce, Canadian \$/USD exchange rate of 1.05, USD/€ exchange rate of 1.30 and average crude oil price of \$95/barrel.

Financial Review



Revenues



¹ Average realized gold price per ounce sold. This is a non-GAAP measure. Refer to the non-GAAP measures section of the MD&A for reconciliation.

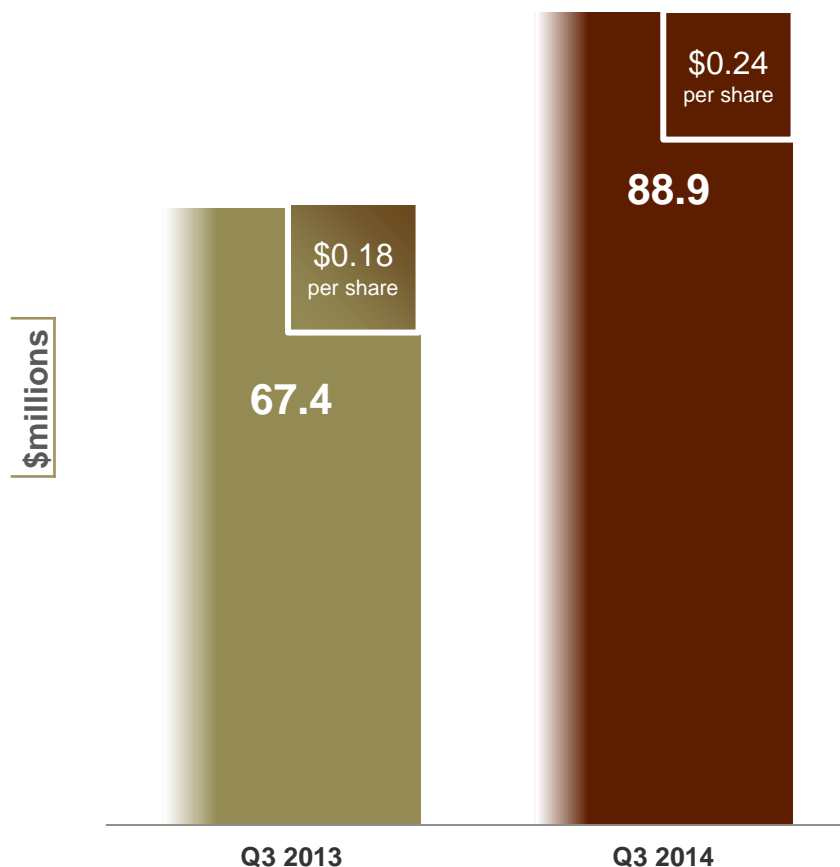
² Attributable gold sales and revenue exclude Sadiola and Yatela.

Adjusted Net Earnings¹

<i>(In \$ millions, except for per share amounts)</i>	Q3'13	Q3'14
Net earnings (losses) attributable to equity holders	25.3	(72.5)
Deferred tax expense	-	72.0
Changes in estimates of asset retirement obligations at closed sites	-	1.8
Unrealized derivative (gains) losses	(7.1)	6.9
Write-down of assets (reversal)	0.7	(4.0)
Restructuring and other charges	0.1	0.3
Interest expense on senior unsecured notes	2.8	-
Foreign exchange losses	2.4	0.7
(Gains) losses on sale of assets	(0.8)	1.7
Impairment of investments (reversal)	(2.5)	-
Tax impact of adjusted items	5.3	(6.7)
Adjusted net earnings attributable to equity holders of IAMGOLD	26.2	0.2
Adjusted net earnings attributable to equity holders of IAMGOLD per share (\$/share)	0.07	-
Effective adjusted tax rate (%)	38	50

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

Net Cash From Operating Activities

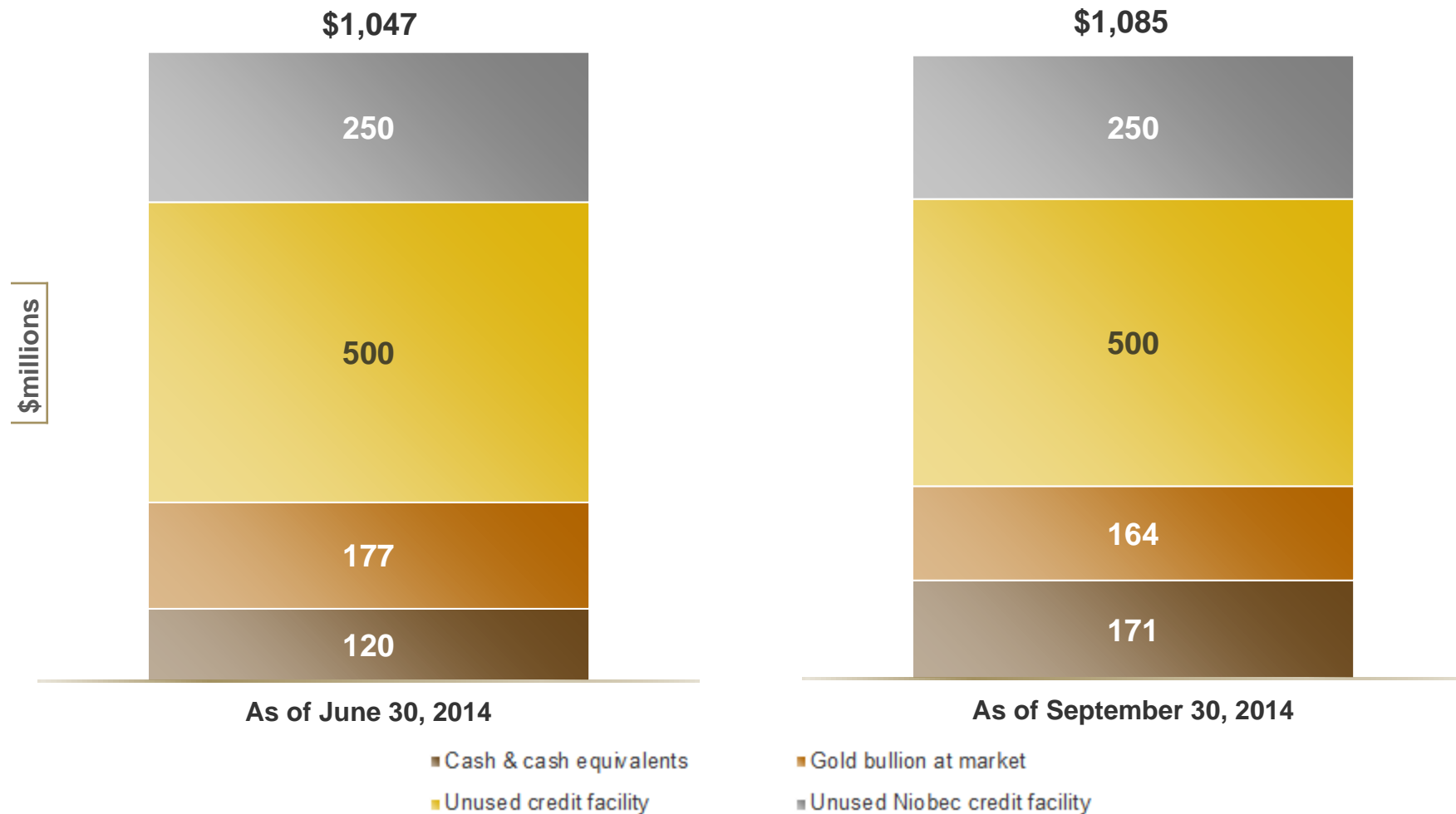


(In \$ millions, except for per share amounts)

	Q3'13	Q3'14
Net cash from operating activities per consolidated interim financial statements	64.9	115.3
Adjusting items from non-cash working capital items and non-current ore stockpiles		
▪ Receivables and other current assets	3.3	(7.6)
▪ Inventories and non-current ore stockpiles	8.8	(5.7)
▪ Accounts payable and accrued liabilities	(9.6)	(13.1)
Net cash from operating activities before changes in working capital¹	67.4	88.9
Net cash from operating activities before changes in working capital per share (\$/share)	0.18	0.24

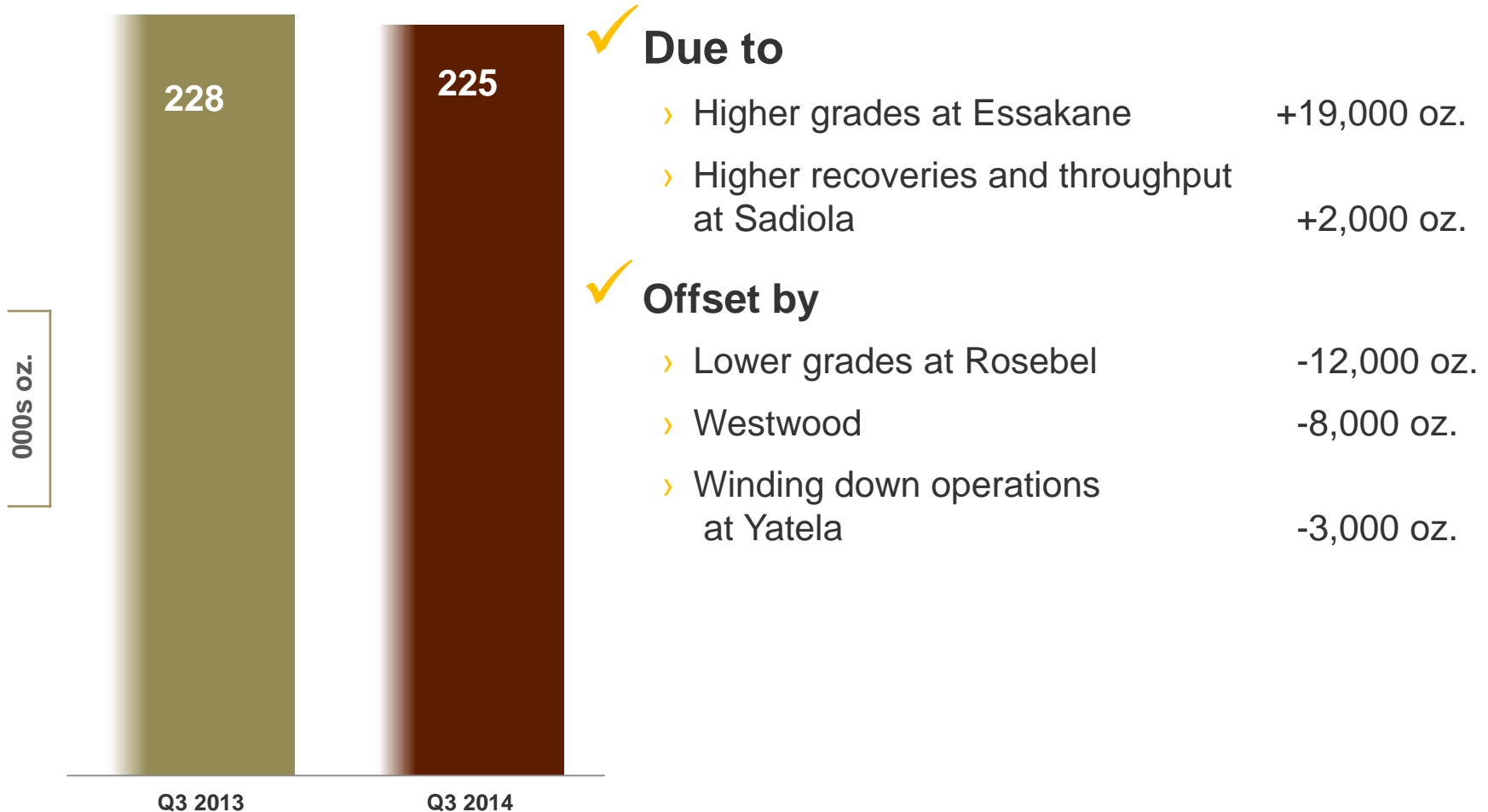
¹ This is a non-GAAP measure. Refer to the non-GAAP performance measures section of the MD&A for reconciliation to GAAP.

Maintaining Strong Liquidity

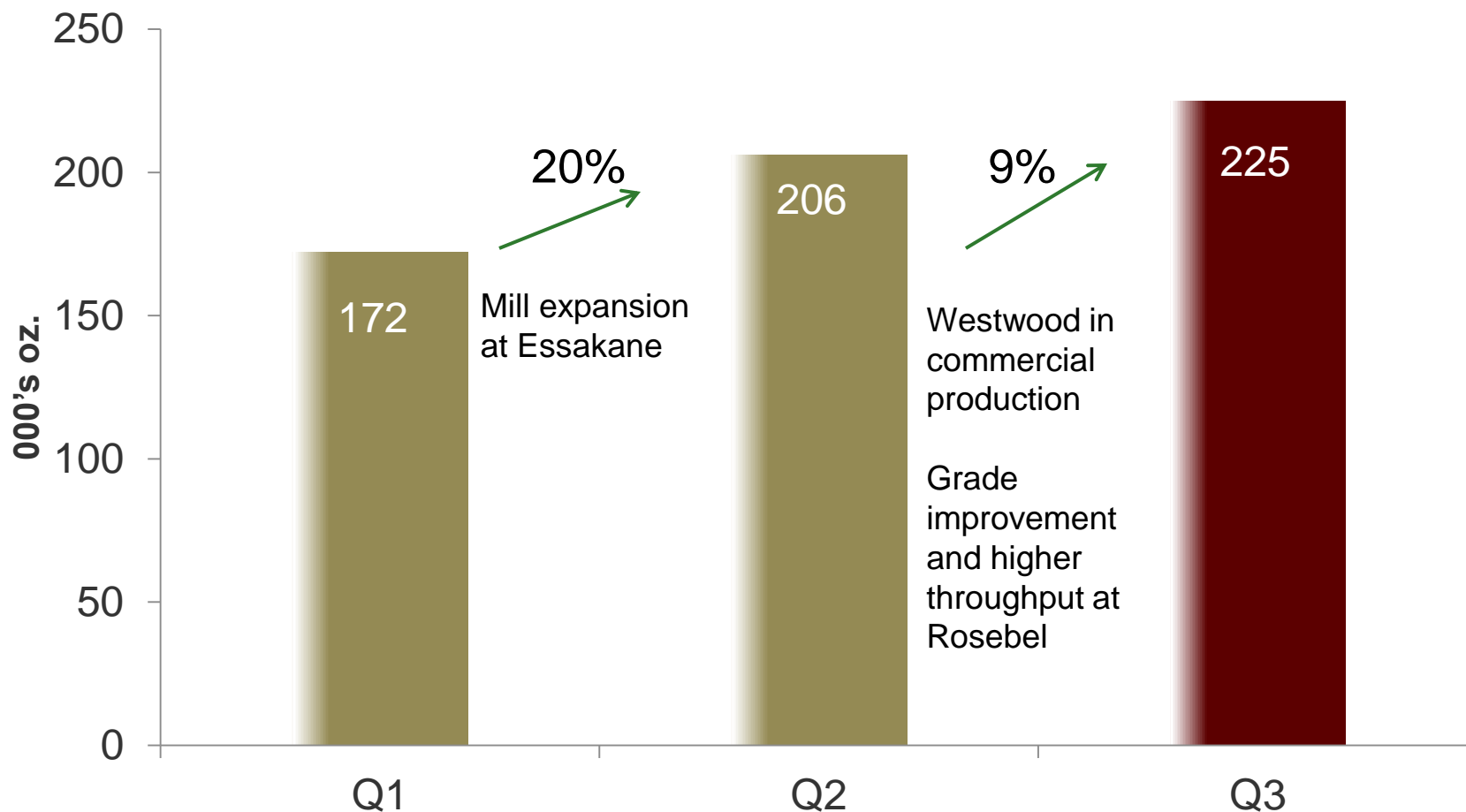


The Company has \$650 million of senior unsecured notes due October 2020.

Attributable Gold Production

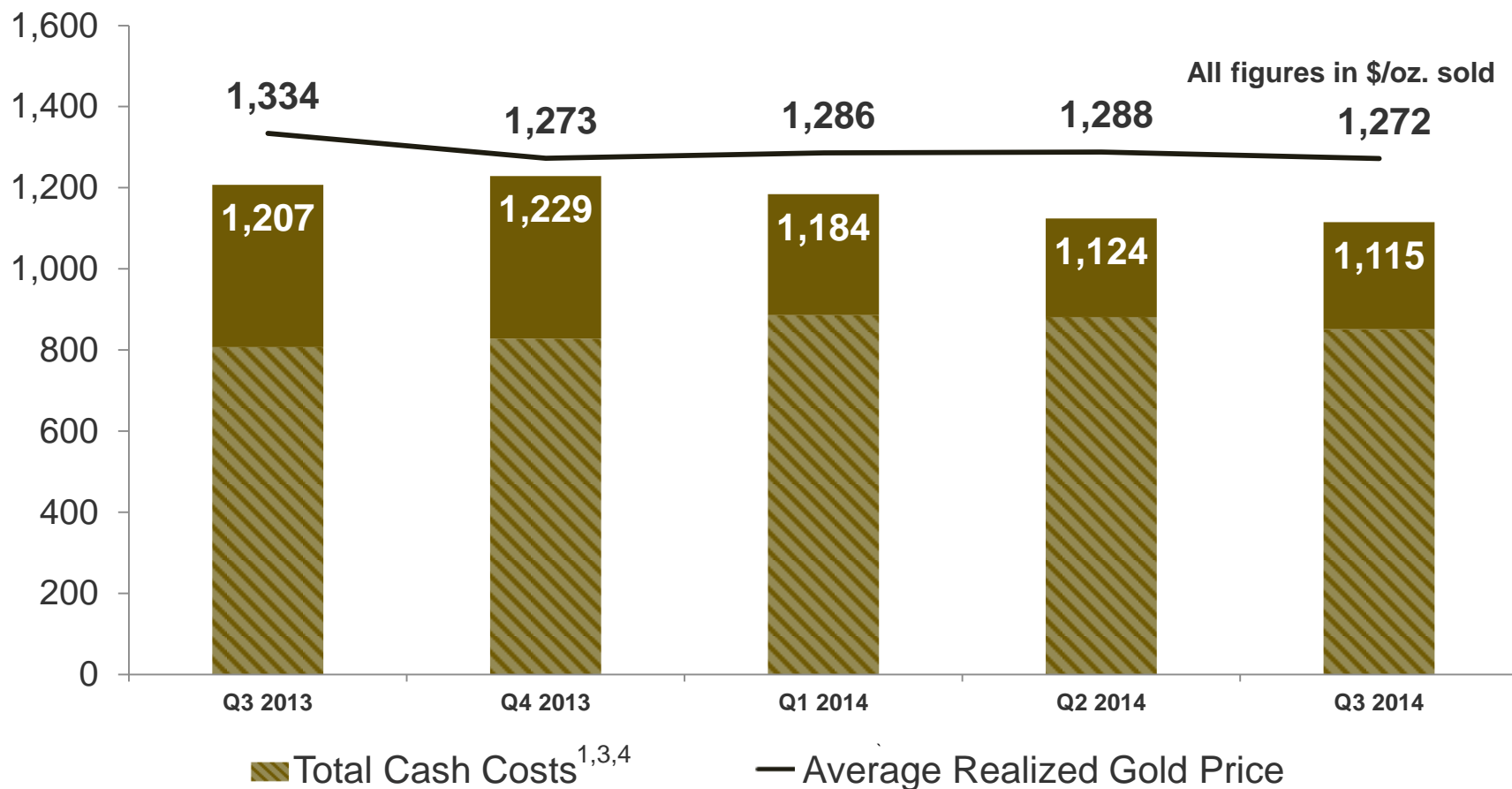


2014 Production Trend¹



¹ Attributable gold production includes Westwood non-commercial production

All-In Sustaining Costs^{1,2,3} Continue to Improve



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

² The Company has begun including the income from its Diavik royalty as an offset to operating costs in the calculation of this measure. Previous periods have been revised for comparability.

³ By-product credits are included in the calculation of this measure; refer to the non-GAAP performance measures section of the MD&A for the reconciliation.

⁴ The total cash costs computation for Q3 2013 to Q2 2014 does not include Westwood pre-commercial production.

Operations Review



Westwood – Canada

**July 1, 2014:
Commenced
Commercial
Production**

**35,000 oz.
\$772/oz.
7.54 g/t Au**

Q3 2014 Performance

- ✓ Strong first quarter of commercial production
- ✓ Mill Rate: 1,400 tpd
- ✓ Positive grade reconciliation: avg. 7.54 g/t Au.
- ✓ Recovery rate: 94%
- ✓ Produced 35,000 oz.; total cash costs¹ \$772/oz.
- ✓ All-in sustaining costs¹ of \$950/oz.
- ✓ Achieved \$9M in cost savings Q3 YTD

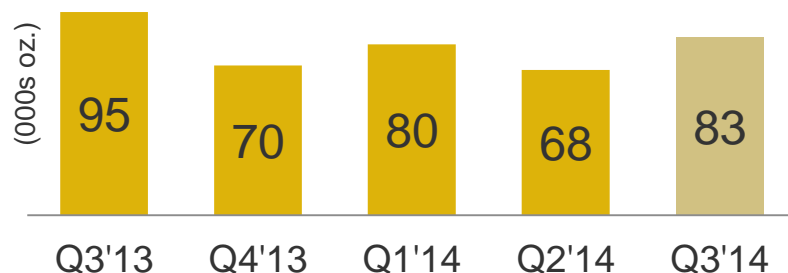
Outlook

- ✓ Total cash costs expected to trend downwards
- ✓ Underground development progressing very well; AISC expected higher in Q4
- ✓ LOM plan scenarios under review

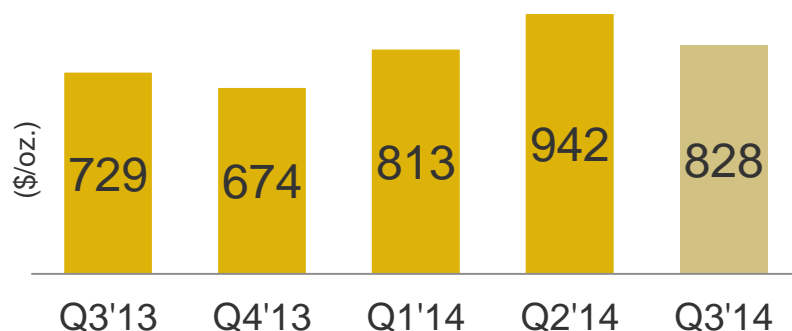
¹ This is a non-GAAP measure. Refer to the non-GAAP performance measures section of the MD&A for the reconciliation to GAAP.

Rosebel - Suriname

Attributable Gold Production (95%)



Total Cash Costs¹



Q3 2014 Performance

- ✓ Production up 22% from Q2'14, despite transition and hard rock up from 55% to 71%
 - › Grades up 14% – 60% of variance
 - › Implementation of measures stemming from grade control audit
 - › Long-haul road to pit with higher grade ore completed
 - › 7% increase in throughput – 30% of variance
 - › More consistent ore blend
- ✓ Total cash costs¹ down 12%
 - › Stability in milling circuit reduces energy use/ improves recoveries
 - › Reduced downtime of plant equipment
 - › Improved shift coordination
 - › Improved oil renewal system and elimination of redundant maintenance activities reduces downtime
 - › YTD cost savings of \$23M

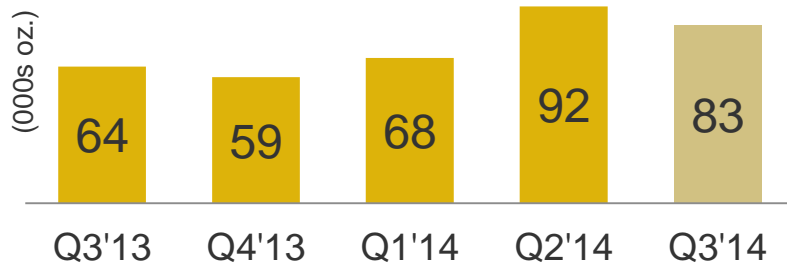
Outlook

- ✓ Opportunity for further operating efficiencies
- ✓ Grades and recoveries in Q4 to remain in line with Q3

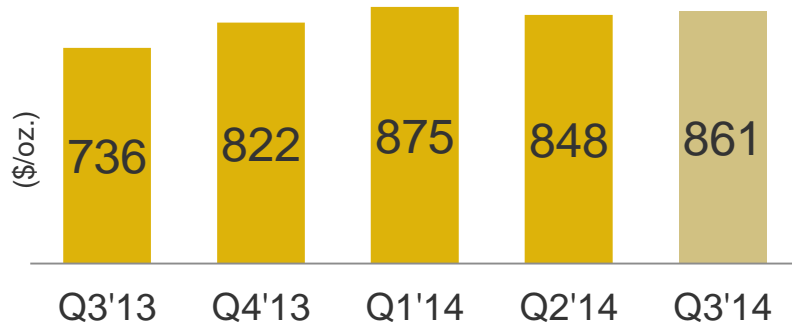
¹ This is a non-GAAP measure. Refer to the non-GAAP performance measures section of the MD&A for the reconciliation to GAAP.

Essakane – Burkina Faso

Attributable Gold Production (90%)



Total Cash Costs¹



Q3 2014 Performance

- ✓ H1 - robust production ramp-up with mill expansion
- ✓ Q3/14 grades increased 22% to 1.2 g/t Au. from Q2'14
- ✓ Hard rock increased to 83% from 24% in Q2'14
- ✓ Total cash costs¹ reflect harder rock and less capitalized stripping as mining focused on lower levels
- ✓ Optimization of mining and milling processes
 - › Improved supply chain management contract reduced cost of cyanide and grinding media

Outlook

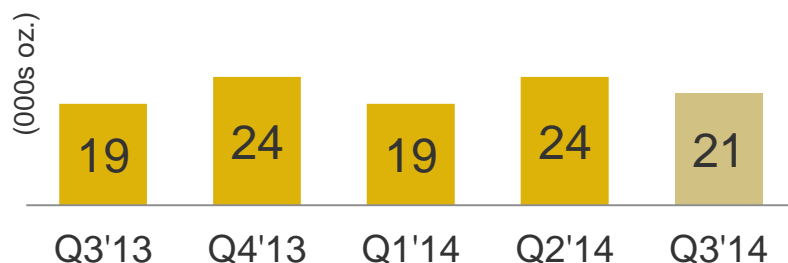
- ✓ Expect lower throughput as mining focuses on heart of deposit with harder rock, partially offset by higher grades
- ✓ Expect 2014 production to increase >30% from 2013, new production guidance
- ✓ Higher grades and lower oil prices to improve cash costs Q4
- ✓ Opportunity to implement process improvement initiatives

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

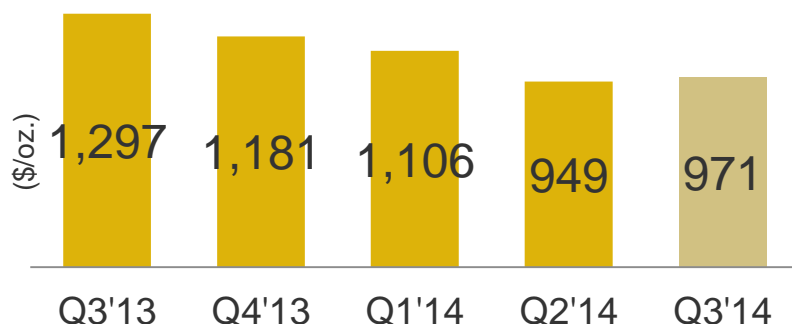
2014 guidance: 330k oz. - 335k oz.

Sadiola – Mali

Attributable Gold Production (41%)



Total Cash Costs¹



Q3 2014 Performance

- ✓ Lower production from Q2'14 due to lower grades, partially offset by 10% increase in tonnage mined

Outlook

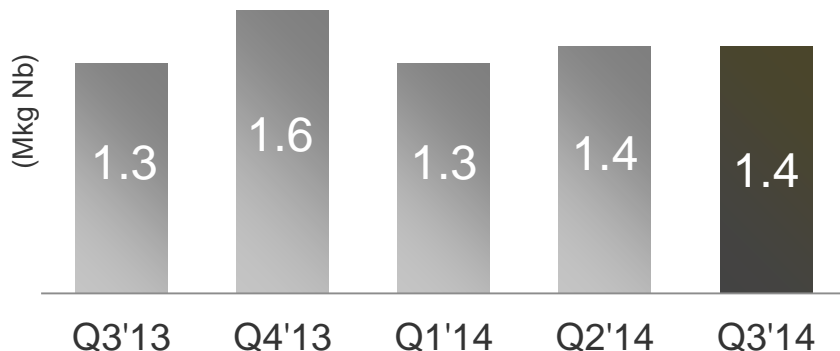
- ✓ Transitioning to hard rock
- ✓ Expansion required to accommodate hard rock processing
- ✓ Reliable, long-term supply of low-cost power critical to expansion project
 - › Priorities aligned with government and continuing to collaborate with other mining companies
- ✓ Continue to look for additional oxide reserves

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

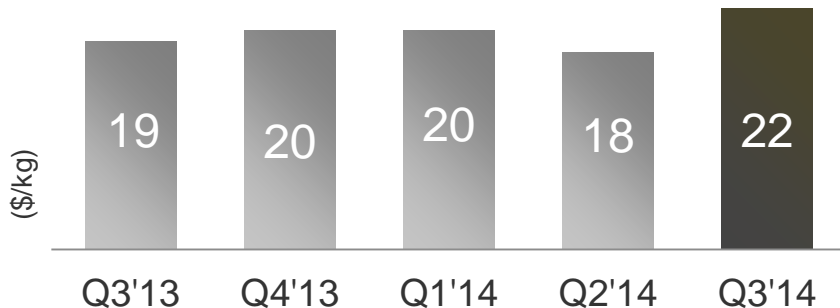
² Includes production from Yatela.

Niobec – Canada

Niobium Production



Niobium Operating Margin¹



Q3 2014 Performance

- ✓ Another quarter of strong performance
- ✓ 22% increase in operating margins¹, reflecting ongoing continuous improvement initiatives
 - › Use of cyclones in processing reduces consumables required

Outlook

- ✓ Closing of sale of Niobec expected Q1'15
 - › Total consideration of \$530M, including:
 - › \$500M cash upon closing;
 - › \$30M when REE deposit goes into commercial production; and
 - › 2% gross proceeds royalty payable on REE production

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

2014 Revised Capital Expenditure Outlook¹

(\$ millions)	Sustaining	Development/ Expansion	Total
Rosebel	75	25	100
Essakane	60	35	95
Westwood	20	75	95
Côte Gold	-	12	12
Total owner-operated gold	155	147	302
Niobec	22	20	42
Total consolidated	177	167	344
Joint ventures – Sadiola ²	4	12	16
Total	181	179	360

¹ Capitalized borrowing costs are not included.

² Attributable capital expenditures of \$16 million include sustaining capital expenditures and existing commitments related to the ordering of long lead items in 2012 for the Sadiola sulphide project.

Exploration Review



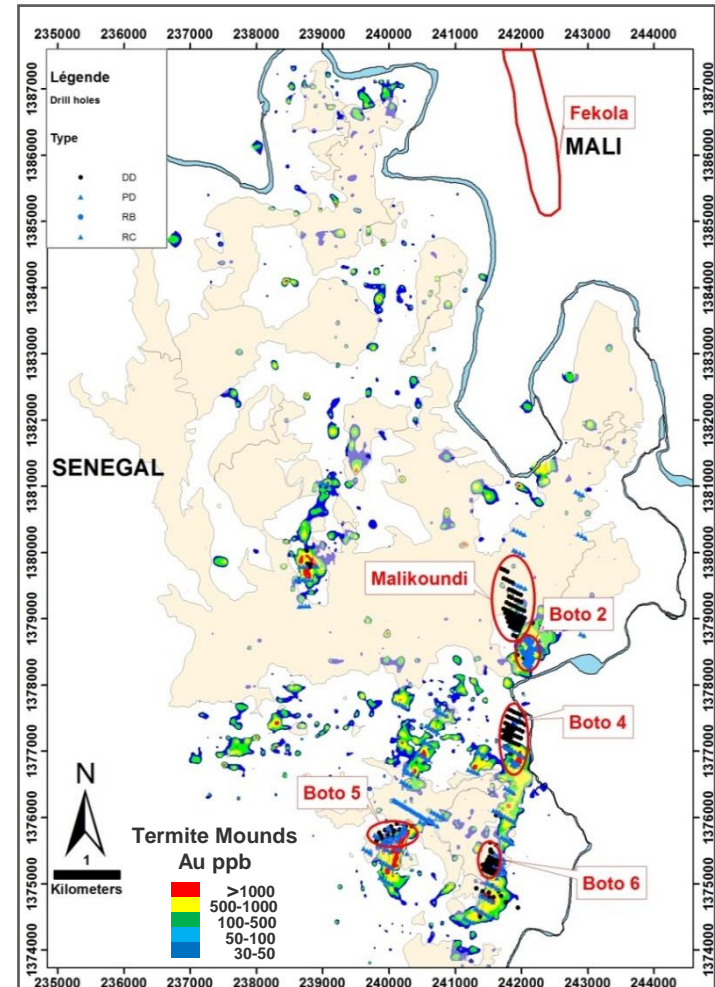
Greenfield: Boto Gold Project, Senegal

- ✓ July 2013 –initial indicated resource estimate of 1.1 Moz at 1.62 g/t Au
- ✓ April 2014 – confirmed continuity of resource / extends mineralization of Malikoundi deposit
- ✓ October 2014 – infill drilling results show wide intervals of gold mineralization with significantly higher grades, including:
 - › 64 m at 3.4 g/t Au. (including 38m at 5.9 g/t Au.)
 - › 45 m at 2.6 g/t Au.
 - › 16 m at 7.7 g/t Au.
- ✓ To date, completed 40 diamond drill holes
- ✓ Results to be incorporated into updated resource model

Source: Updated Resource Estimate for Boto Gold, effective April 19, 2013.

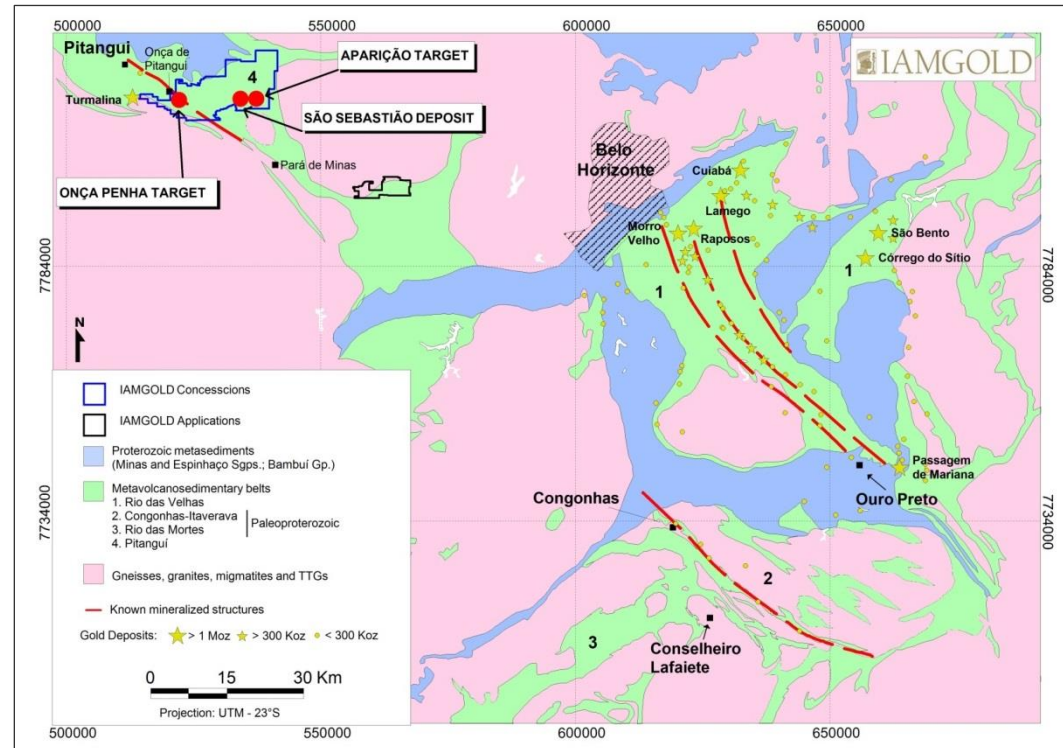
Note: CIM Definitions were followed for classification of Mineral Resources. Mineral Resources are estimated at a cut-off grade of 0.60 g/t Au. Mineral Resources are estimated using a gold price of US\$1,500 per ounce. High grade assays are capped at 15 g/t Au to 30 g/t Au depending on geological area. 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.

Boto Project: Resource Areas



Greenfield: Pitangui Project, Brazil

- ✓ Infill drilling continues at São Sebastião
- ✓ April 2014 –maiden inferred resource estimate of 0.64 Moz at 4.88 g/t Au
- ✓ June 2014 – confirmed continuity of known resource / identified new high-grade intersections in second zone
- ✓ Ongoing delineation drilling focused on infill and expansion of current resource and identification of additional targets
- ✓ Assay results from H2 drilling campaign to be included in updated resource model
- ✓ Expect to complete airborne EM geophysical survey during fourth quarter



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.

Joint Venture Project Updates



✓ **Monster Lake (Quebec) with Tomagold Corporation**

- › High grades and excellent location in Abitibi Greenstone belt
- › High-grade intervals from previous exploration (25 to +30 g/t Au)
- › Q3'14- reported remaining results from Phase I DD program (> 4,500m)
 - › Positive results confirm presence of high-grade mineralization
- › Phase II DD program ongoing – testing targets along 4km mineralized corridor (5,600m)

✓ **Eastern Borosi (Nicaragua) with Calibre Mining**

- › 176km² land package with 2 gold and silver deposits and series of exploration targets
- › Q3/14- Phase I drilling focused on 3 different vein systems, intercepted high-grade mineralization
- › Calibre Mining announced results from the first 18 holes
- › DD program expanded from 35 to 45 holes to test additional vein systems

Joint Venture Project Updates

- ✓ **Siribaya (Mali) with Merrex Gold Inc.**
 - › Focus on Diakha prospect - extension of trend hosting Boto Gold deposit and B2Gold's Fekola deposit
 - › Phase I RC drilling program intersected multiple zones of gold mineralization with similar characteristics to Boto
 - › Phase II DD and RC program included infill and expansion drilling
 - › Assay results confirm significant gold mineralization, good grades, and mineralized zones remain open in all directions
 - › Targeting maiden resource for 2015
- ✓ **Caramanta Project (Colombia) with Solvista Gold Corp.**
 - › Q3/14 - completed 1,800m of a 4,000m DD program testing targets on a number of gold/copper/silver porphyry targets



Resource Development and Brownfield Exploration

ROSEBEL

- ✓ Focus on increasing inventory of transitional and soft rock continued in Q3 – initiated drilling on the Mayo and Royal Hill deposits, and testing potential soft rock targets along strike of known mineralized trends
- ✓ 2,000m of diamond and RC drilling completed at Sarafina – awaiting assay results

ESSAKANE

- ✓ Drilling continues to upgrade existing inferred resources and to evaluate potential main pit extensions
- ✓ Encouraging results from diamond drilling - continuity of mineralization indicated at north and south ends of the pit
- ✓ Assessing results from surrounding exploration concessions (within a 15km radius of Essakane mine)

2014 Third Quarter Results

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