

TD Securities Mining Conference

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EVP & CFO

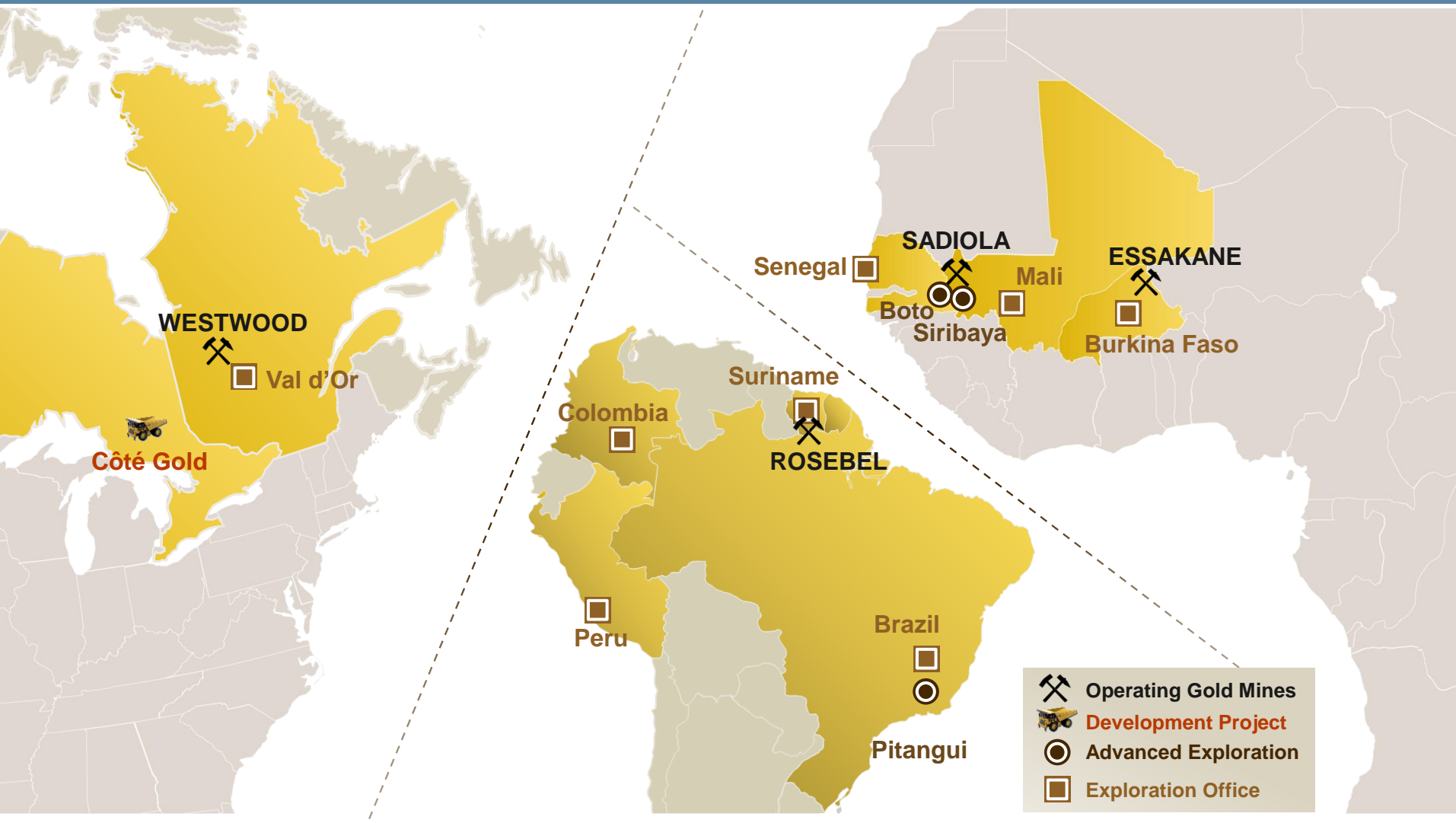
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The Company disclaims any intention or obligation to update or revise any forward-looking statements whether as a result of new information, future events or otherwise except as required by applicable law.

IAMGOLD's Gold Assets



Staying Focused on Strategic Priorities



Cost Reduction

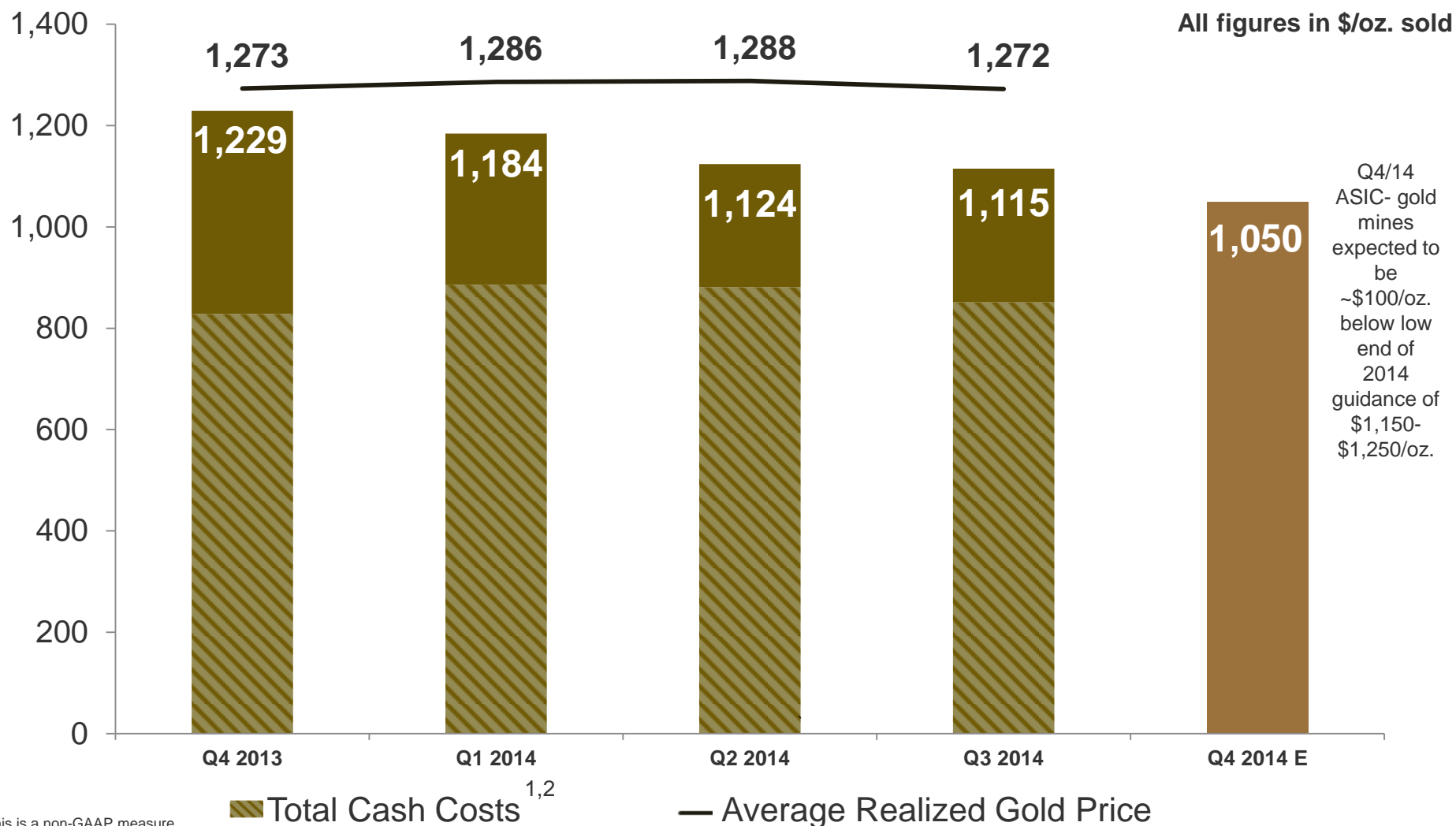


Capital Discipline



Cash Preservation

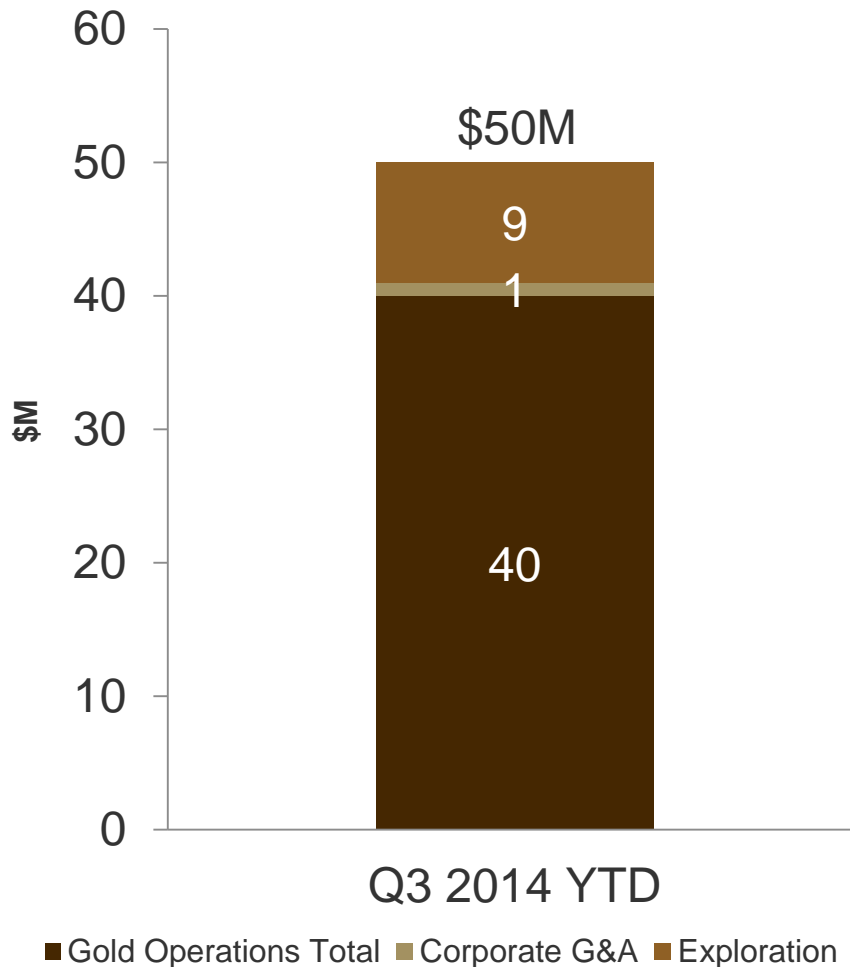
All-In Sustaining Costs^{1,2} Continue to Improve



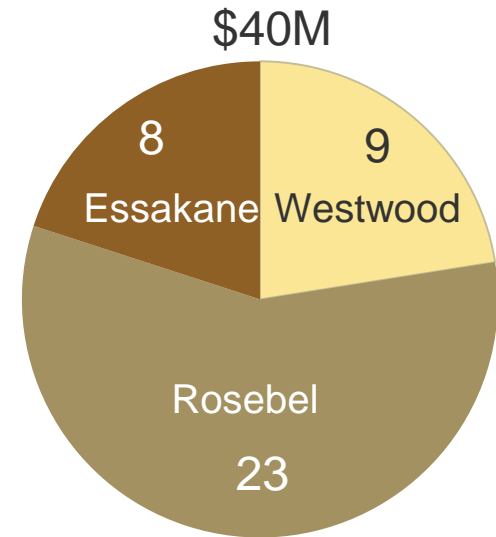
¹ This is a non-GAAP measure.

² 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.

Cost Reductions Continued Throughout 2014

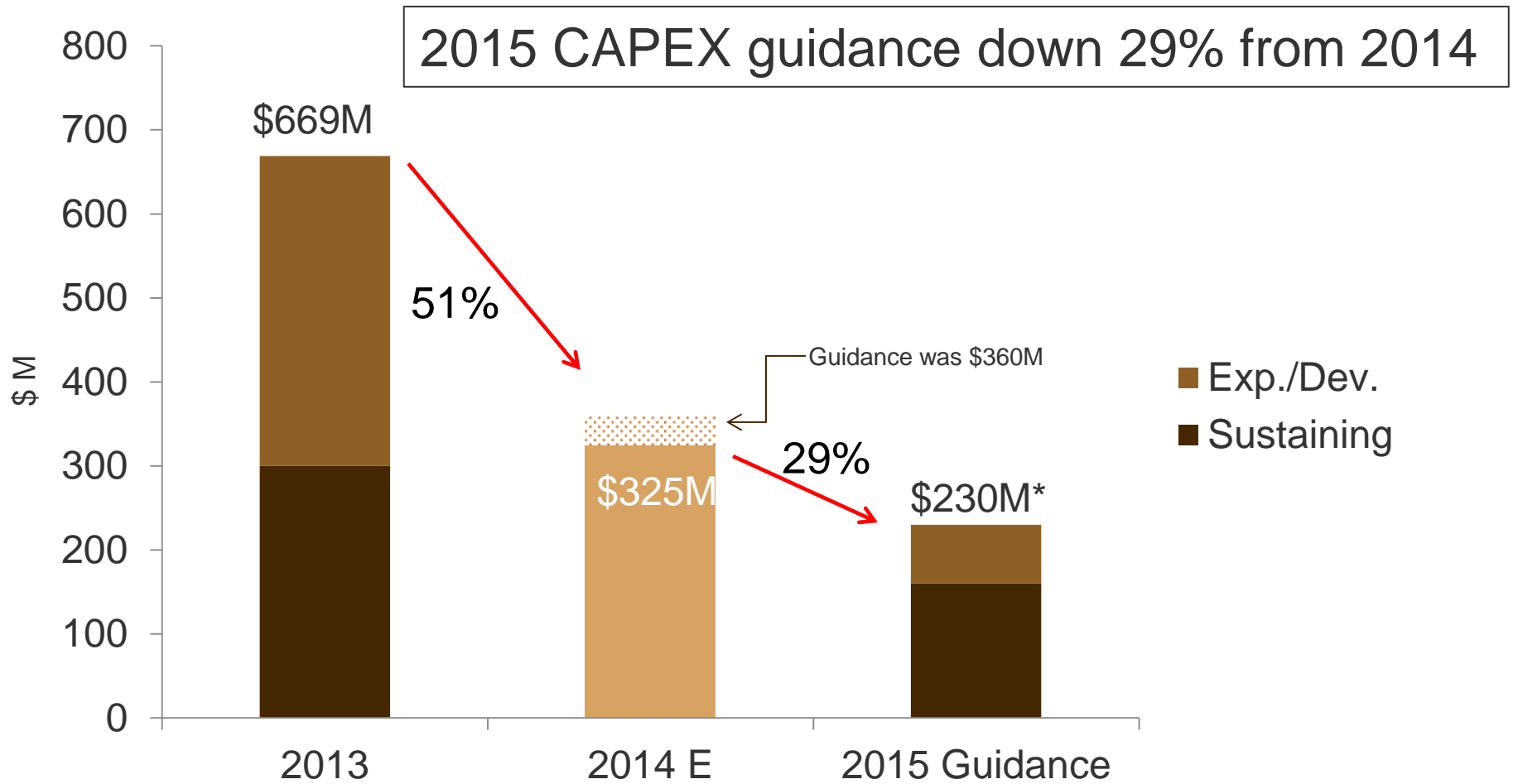


Gold Operations Cost Reductions



- ✓ Includes sustainable savings from 2013
- ✓ Corporate restructuring in 2014
- ✓ Initiatives to improve mining and milling efficiencies

Disciplined Capital Allocation

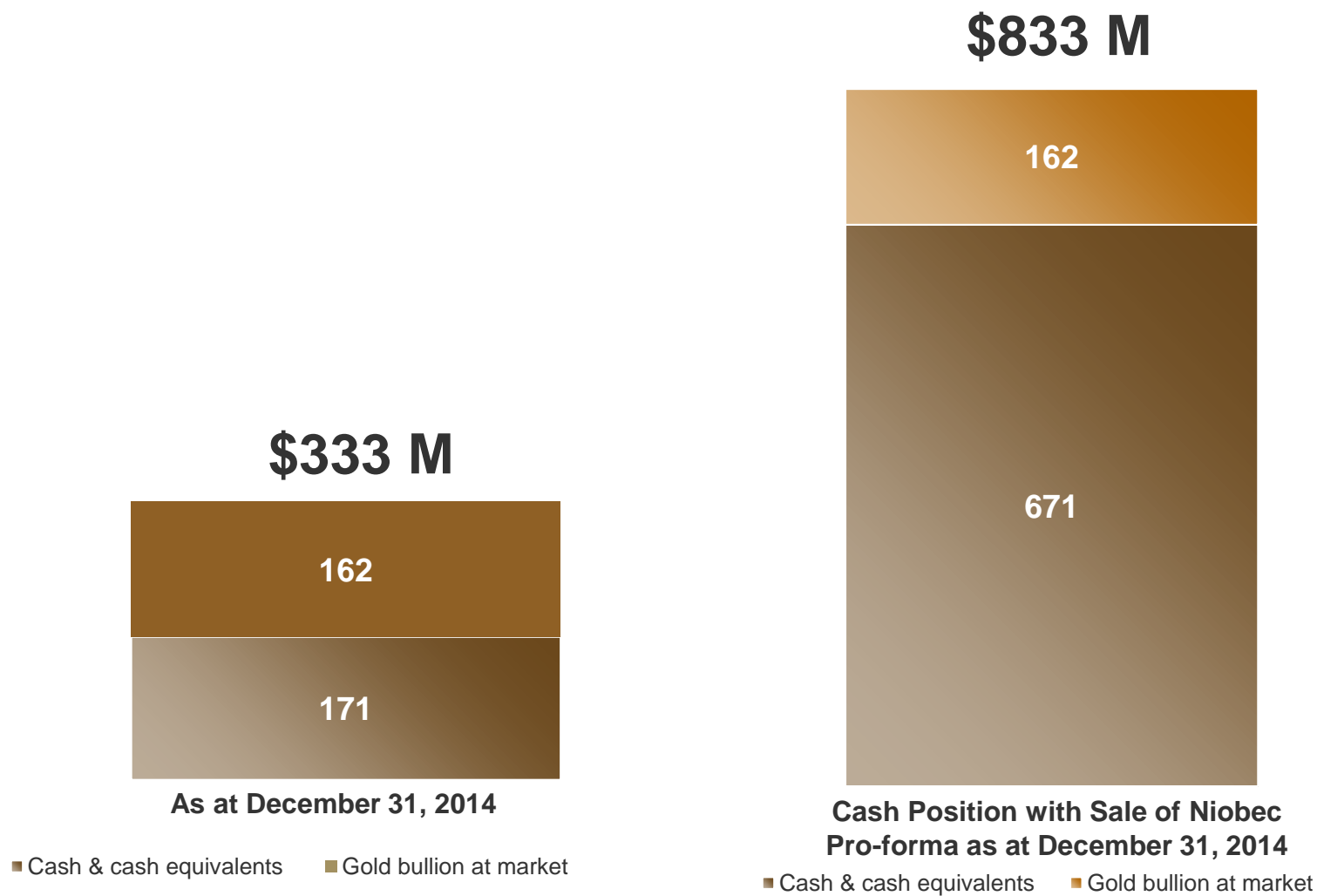


Sale of Niobec



- ✓ Transaction completed January 22, 2015
- ✓ Total consideration of \$530M
 - › \$500M cash received upon closing
 - › \$30M when REE deposit begins commercial production
 - › 2% gross proceeds royalty payable on REE production

Niobec Sale Strengthens Cash Position



Priorities for Use of Proceeds from Sale of Niobec



Optimize returns from existing assets



Strategic acquisitions with near-term capability to generate positive cash flow

Acquisition Criteria

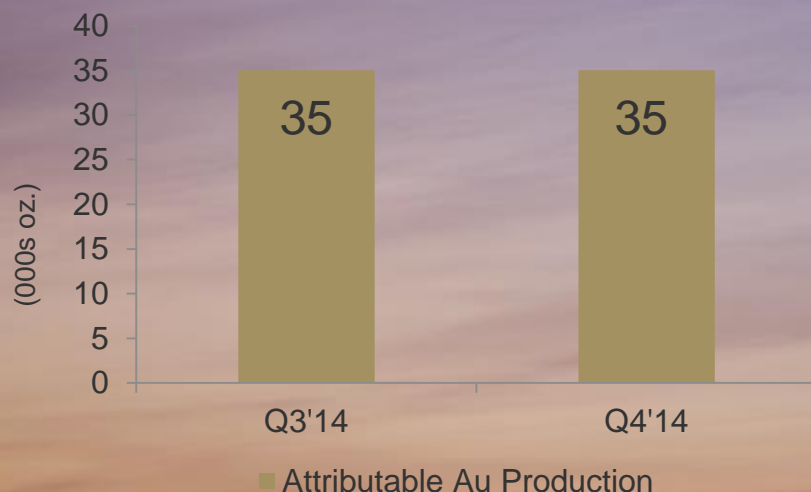
- ✓ Predominantly gold
- ✓ Producing or near-producing mine
- ✓ Potential to produce 100k oz./year
- ✓ Higher grades
- ✓ Lower costs
- ✓ Good mining jurisdiction



Operations Overview



Westwood Ramping Up – Canada

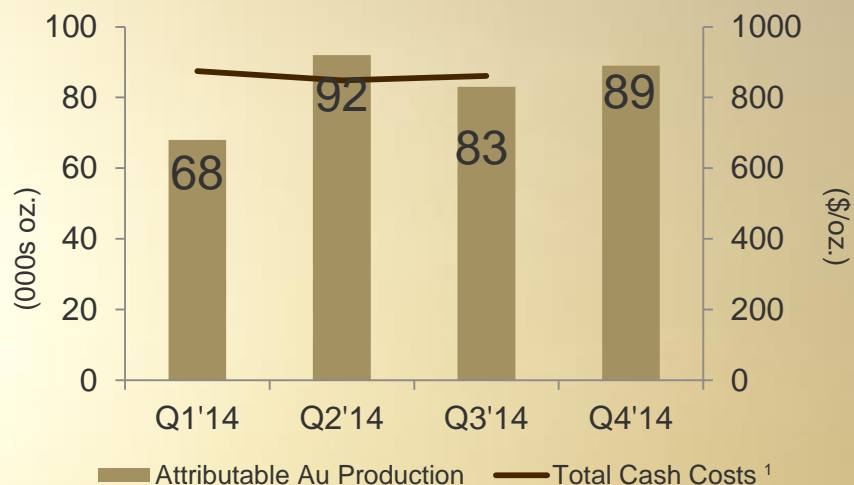


- ✓ Underground gold mine with an estimated 20 year mine life
- ✓ Commercial production July 1, 2014
 - › 70,000k oz. first 6 months
- ✓ High-grade, low-cost operation
 - › Avg. resource grade ~10g/t Au
 - › Q3'14 total cash cost \$772/oz.

2015 Outlook

- ✓ Total cash costs expected to trend downwards as production ramps up
- ✓ LOM scenarios under review
 - › Annual production ranging from 165k – 180k oz.
 - › Total cash costs of \$630 - \$690/oz.
- ✓ Continued focus on improving operating efficiencies and reducing costs

Optimizing Performance at Essakane – Burkina Faso



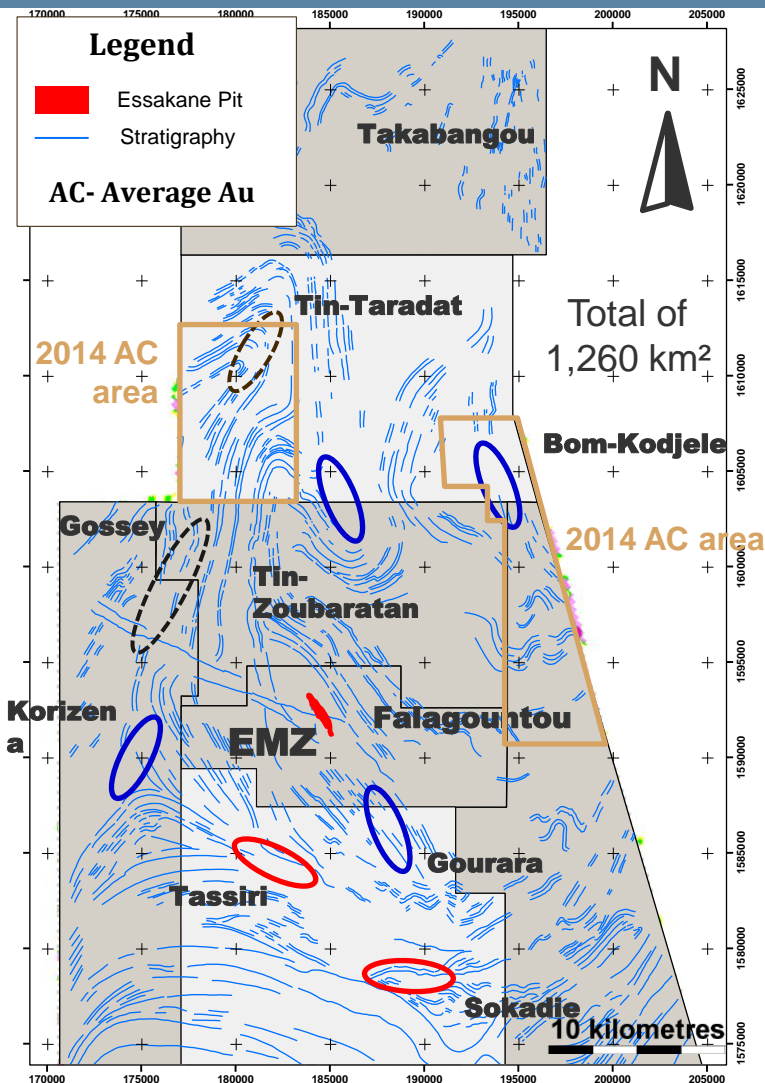
- ✓ Open-pit mine in 4th year of production
 - › Remaining LOM of 10 years
- ✓ Mill expansion completed in 2013 to accommodate increasing proportion of hard rock
- ✓ Total cash costs reflect harder rock and less capitalized stripping
- ✓ 2014 production increased 33% from 2013
 - › Increased throughput and improving grades

2015 Outlook

- ✓ Higher grades and lower oil prices expected to improve cash costs
- ✓ Optimizing mining and milling processes

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

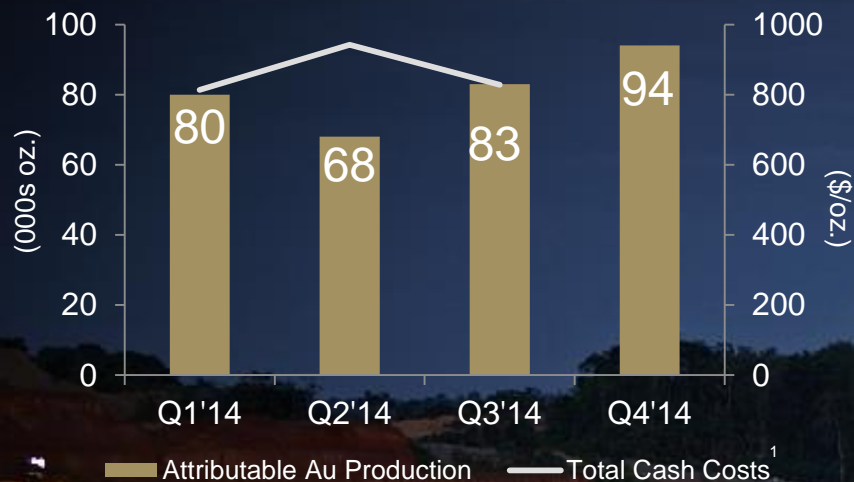
Resource Development and Brownfield Exploration at Essakane



Focused on Finding Soft Rock

- ✓ 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 pit
- ✓ Assessing results from surrounding exploration concessions (within a 15km radius of Essakane mine)

Improving Performance at Rosebel - Suriname



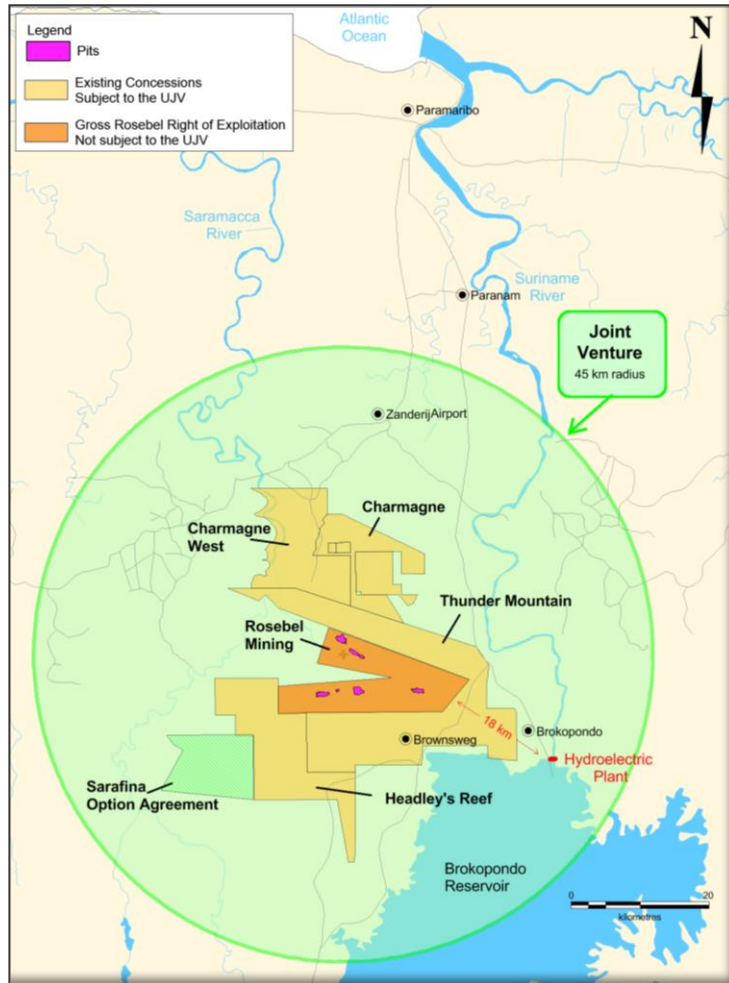
- ✓ Multiple open-pit mine
- ✓ Diminishing supply of soft rock
- ✓ Improving trend in grades
 - › RC drilling for in-pit grade control
 - › Completed road to higher grade pit
- ✓ Reducing variation in mill feed blend
 - › Improved throughput
 - › Reduced power and reagent consumption
- ✓ Q3/14 YTD cost savings of \$23M - improved operating efficiencies, reduced dilution and reduced reliance on contractors

2015 Outlook

- ✓ Focus is to continue grade improvement, increase efficiencies and reduce costs
- ✓ Lower oil prices reducing power costs

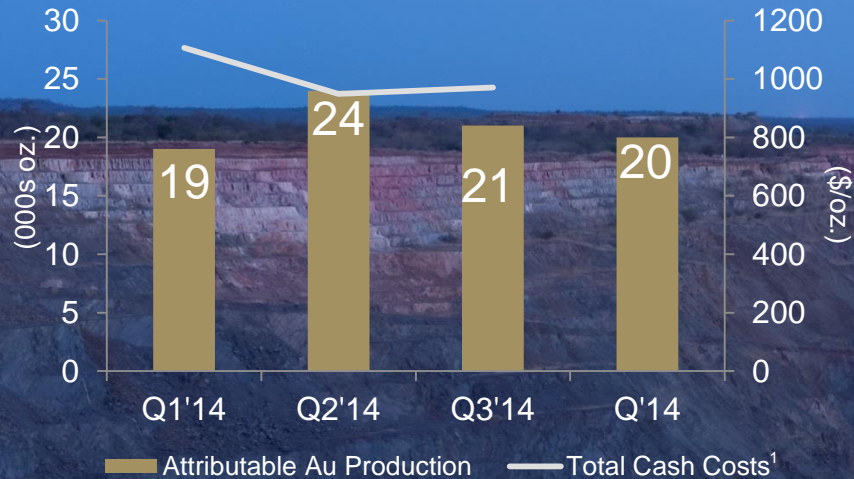
¹ This is a non-GAAP measure. Refer to the non-GAAP performance measures section of the MD&A for the reconciliation to GAAP.

Reinventing Rosebel by Targeting Softer Rock – Suriname



- ✓ Soft rock ~26% of ore mix at 2014 year-end and will continue to decrease
- ✓ Softer rock will increase margins and extend mine life
- ✓ Joint venture with Government of Suriname targets higher-grade, softer rock
 - › >\$0.11/kWh power rate
 - › 5-year option agreement with Sarafina – 10,000 hectares
 - › 2,000m of diamond and RC drilling completed
 - › Advancing discussions on other prospective properties

Revitalization Strategy for Sadiola – Mali



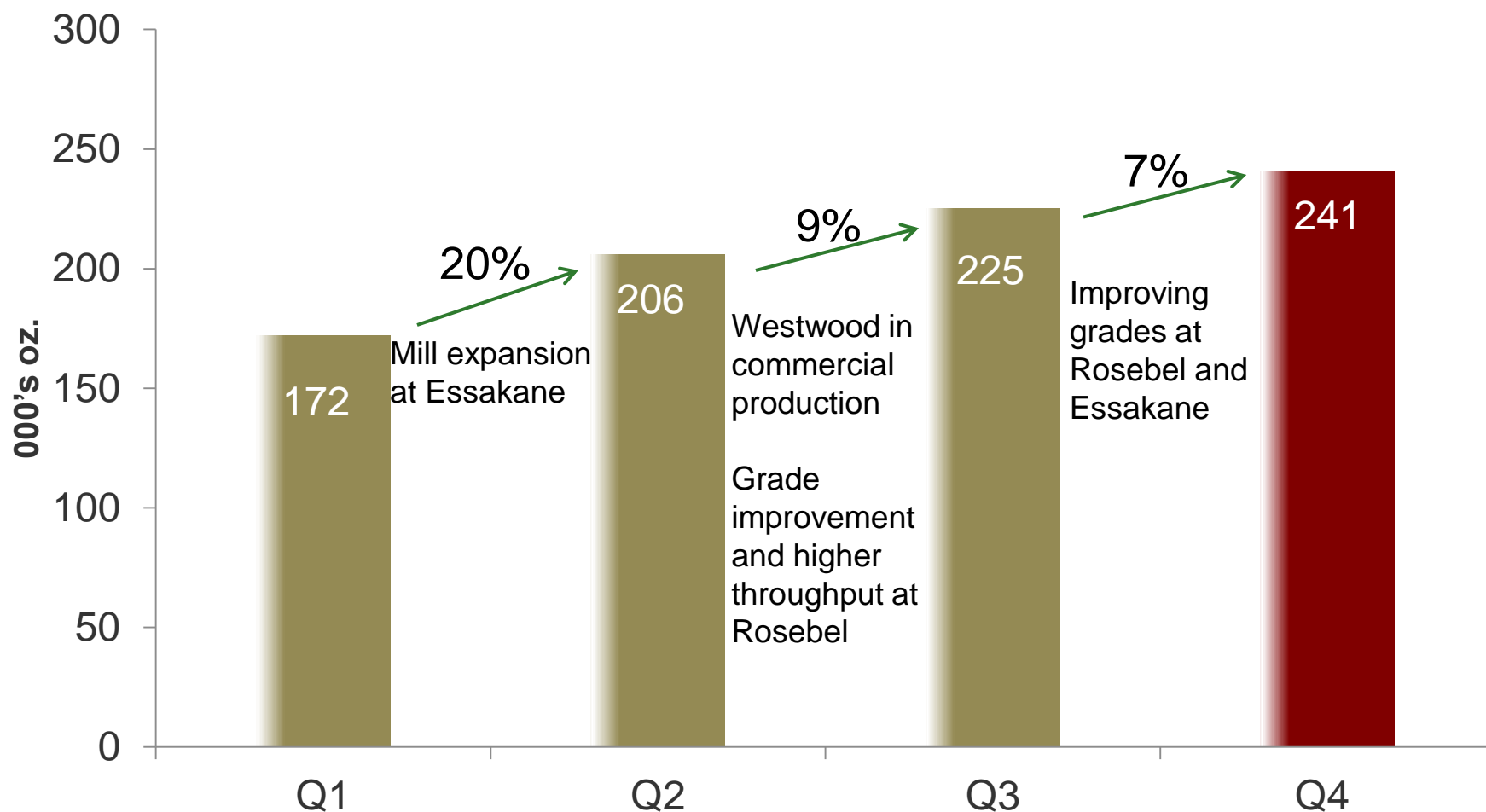
- ✓ Open-pit mine in operation for 20 years
- ✓ Transitioning to hard rock
- ✓ Continuing to look for additional oxide reserves
- ✓ Existing plant not built for hard rock

Outlook

- ✓ Expansion required to accommodate hard rock processing
- ✓ Reliable, long-term supply of low-cost power critical to expansion project
- ✓ Willing partner required to move forward

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 Production Trend¹



¹ Attributable gold production includes Westwood non-commercial production

2015 Production and Cost Guidance³

Attributable gold production		<u>Guidance</u>
	Rosebel (000s oz.)	290 – 300
	Essakane (000s oz.)	360 – 370
	Westwood (000s oz.)	110 – 130
	Total owner-operator production (000s oz.)	760 – 800
	Joint ventures (000s oz.)	60
	Total attributable production (000s oz.)	820 – 860
	Total cash costs¹ – owner-operator (\$/oz.)	\$825 - \$865
	Total cash costs – gold mines (\$/oz.)	\$850 - \$900
	All-in sustaining costs^{1,2} – owner-operator (\$/oz.)	\$1,050 - \$1,150
	All-in sustaining costs – gold mines (\$/oz.)	\$1,075 - \$1,175

¹ This is a non-GAAP measure.

² By-product credits are included in the calculation of this measure.

³ The outlook is based on 2015 full year assumptions with an average realized gold price of \$1,250 per ounce, Canadian \$/USD exchange rate of 1.15, USD/€ exchange rate of 1.20 and average crude oil price of \$73/barrel.

2015 Capital Expenditure Outlook

(\$ millions)	Sustaining ¹	Development/ Expansion (Non-sustaining)	Total
Rosebel	70	10	80
Essakane	55	5	60
Westwood	30	50	80
Total gold segments	155	65	220
Côte Gold	-	5	5
Total consolidated	155	70	225
Joint ventures	5	-	5
Total (±10%)	160	70	230

¹ Includes capitalized stripping of \$20M at Rosebel and \$20M at Essakane.

Exploration - Greenfield



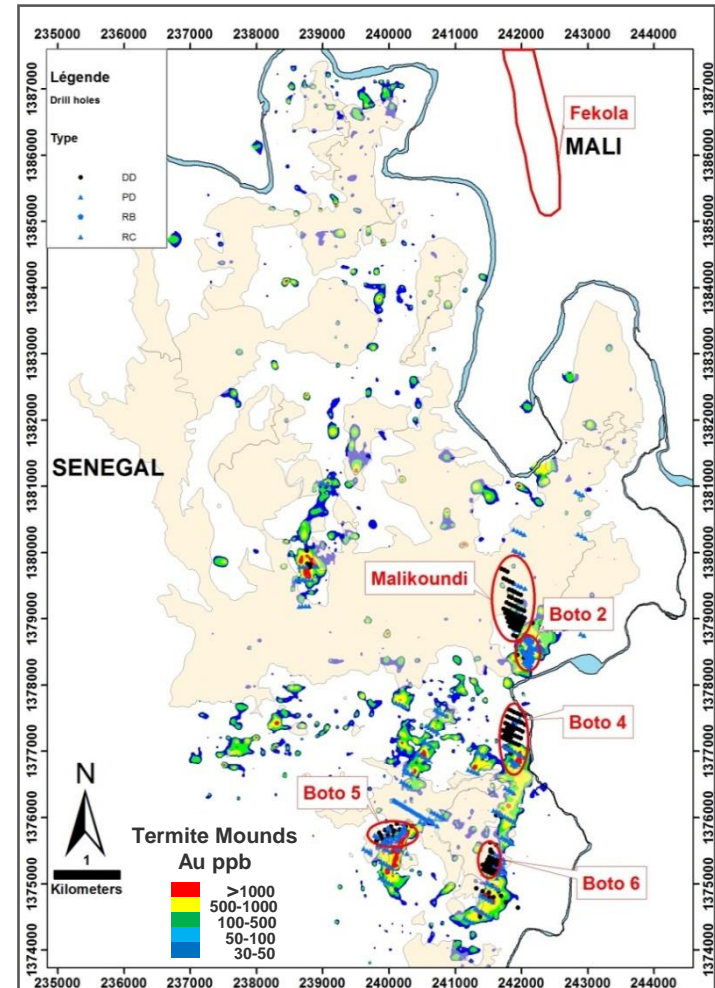
Greenfield: Boto Gold Project, Senegal

- ✓ 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.

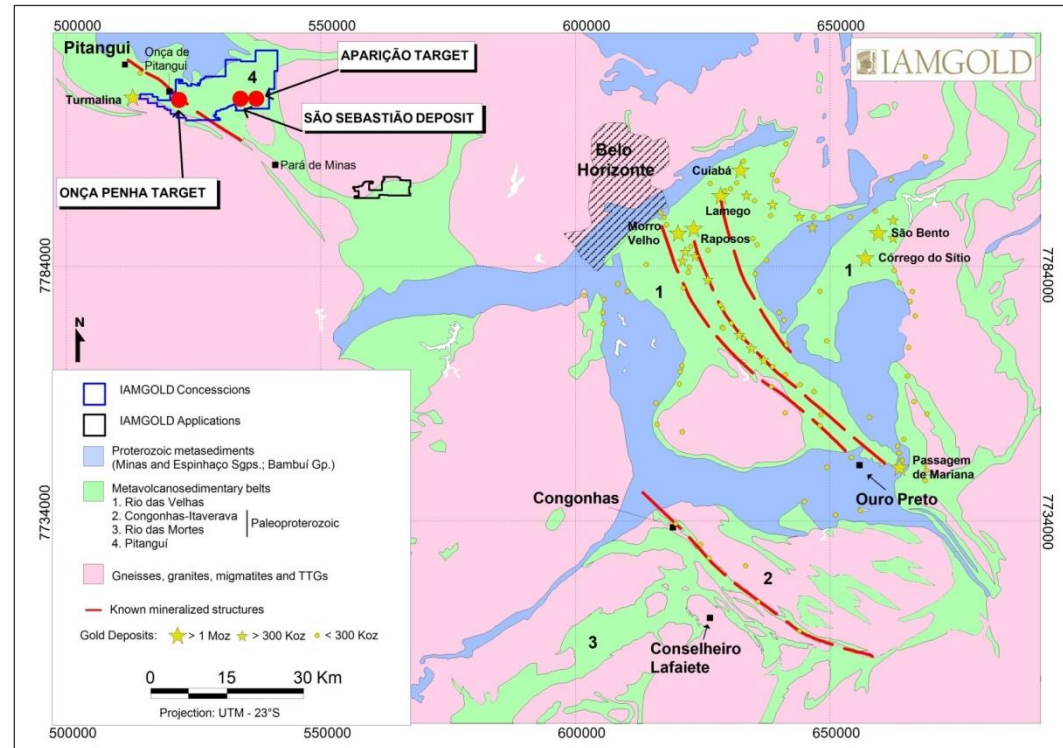
Note: CIM Definitions were followed for classification of Mineral Resources. Mineral Resources are estimated at a cut-off grade of 0.60 g/t Au. Mineral Resources are estimated using a gold price of US\$1,500 per ounce. High grade assays are capped at 15 g/t Au to 30 g/t Au depending on geological area.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

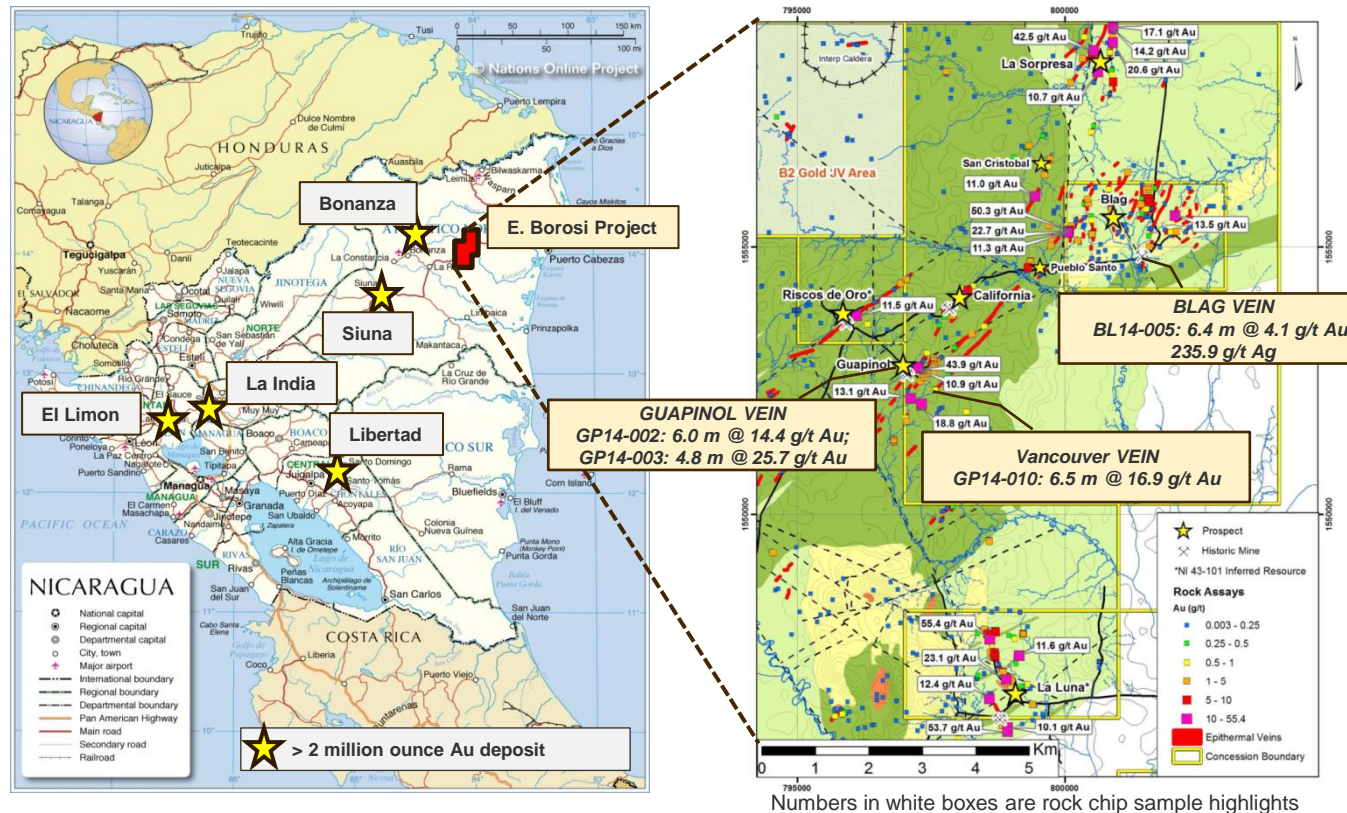


Source: Updated Resource Estimate for Pitangui, effective January 9, 2014. Note: CIM Definitions were followed for classification of Mineral Resources. Mineral Resources are estimated at a cut-off grade of 3.0 g/t Au. Mineral Resources are estimated using a gold price of US\$1,500 per ounce. High grade 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

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



Source: Calibre Mining news releases dated September 24, 2014, October 16, 2014, and November 4, 2014.

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)

✓ **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



Why invest in IAMGOLD?

- ✓ Diversified portfolio of operating gold mines in friendly mining jurisdictions
- ✓ Owned and operated mines generating positive free cash flow
- ✓ AISC improving - focused on optimizing economic returns from existing assets
- ✓ Demonstrated ability to adapt in a volatile gold market
- ✓ Significant financial flexibility from sale of Niobec
- ✓ Promising exploration pipeline
- ✓ Excellent CSR reputation



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