

RBC Capital Markets Global Mining & Metals Conference

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EVP & Chief Operating Officer

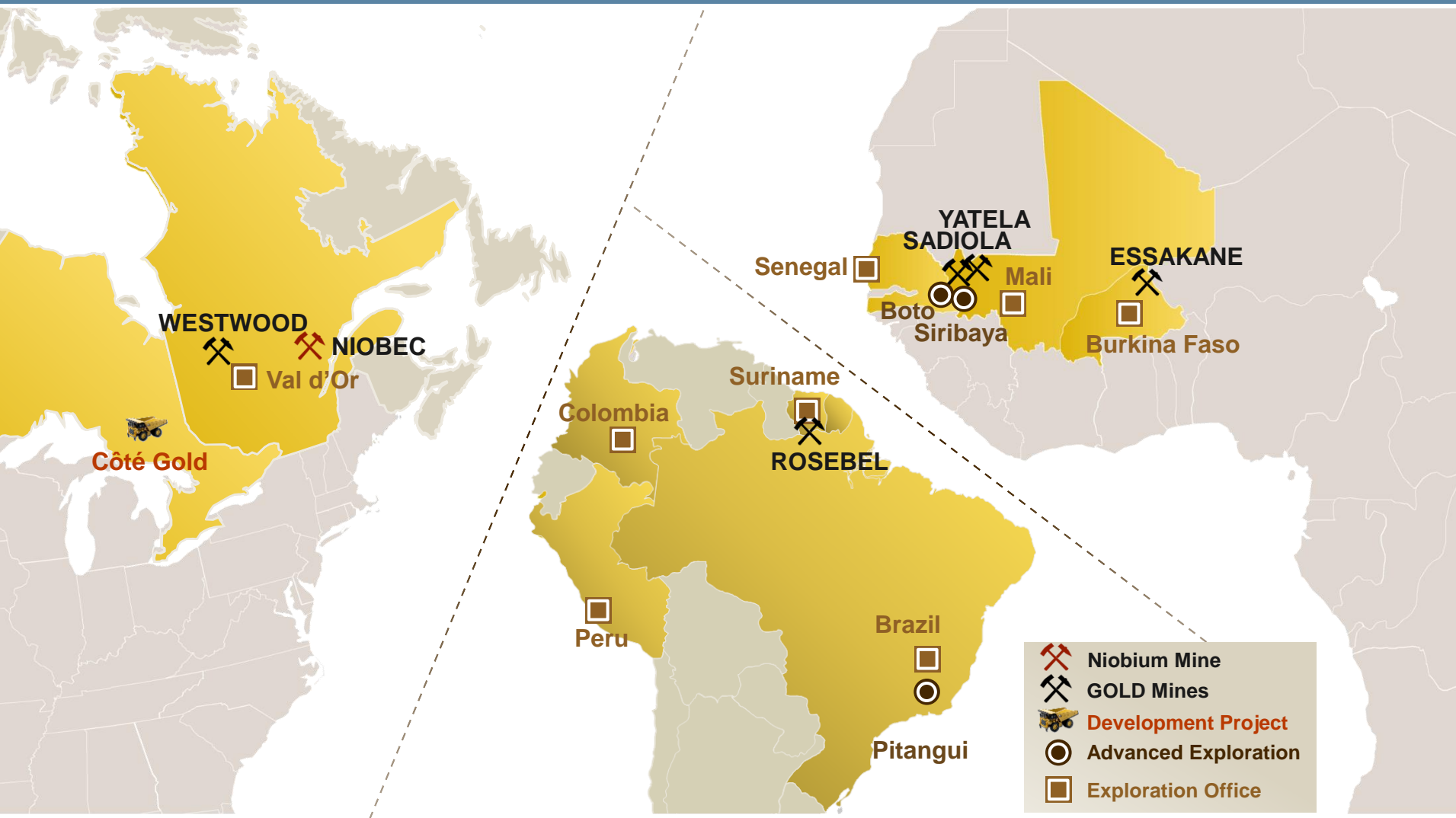
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IAMGOLD's High Quality, Long-Life Assets



Priorities



Cost Reduction

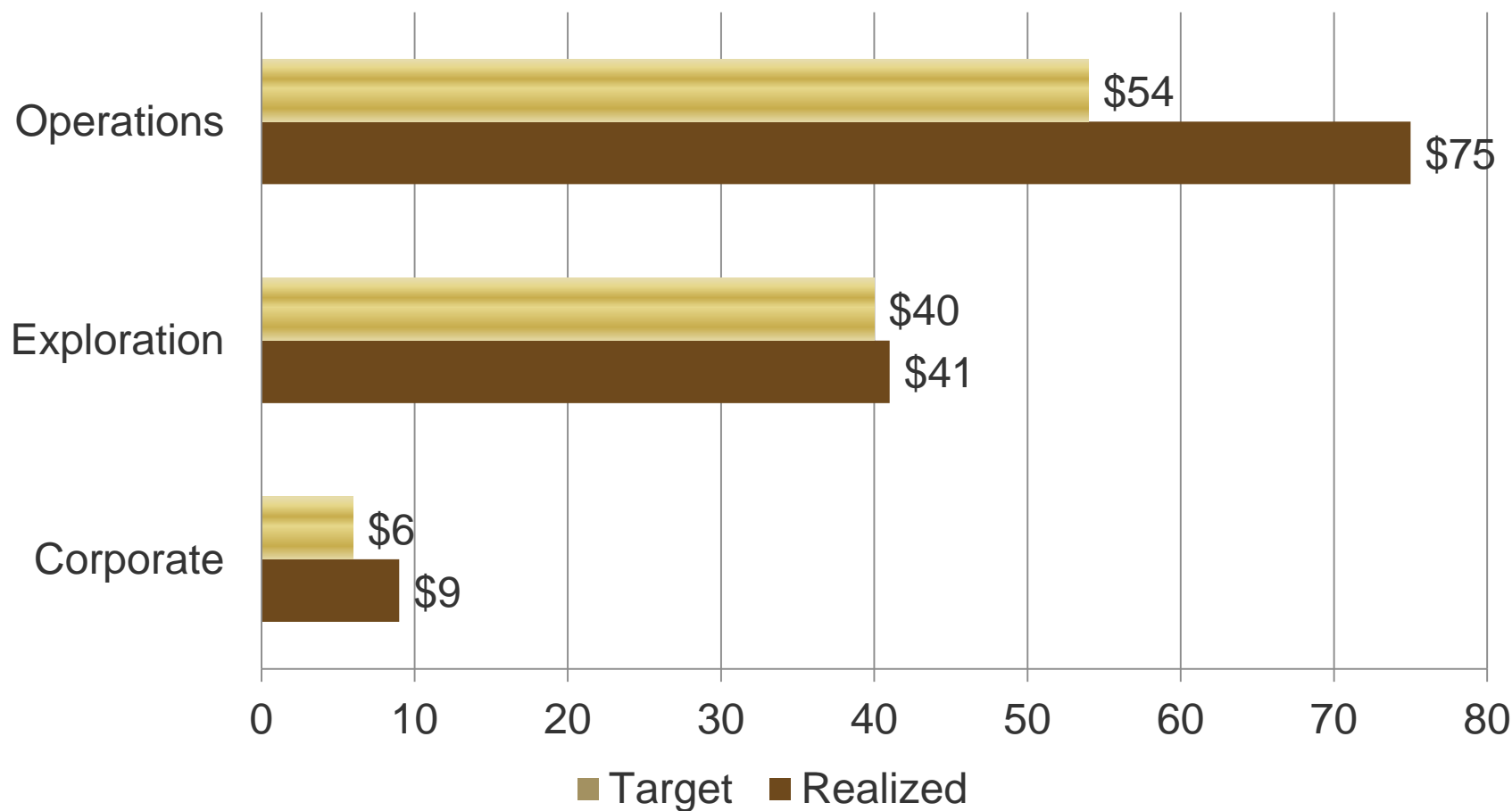


Capital Discipline



Cash Preservation

2013 Cost Reduction: \$125M – 25% Above Target



Disciplined Capital Allocation Strategy

Rosebel Expansion

CAPITAL INVESTMENT WILL DEPEND ON EXPLORATION SUCCESS IN SURROUNDING JV AREA

Sadiola

WORKING WITH JV PARTNER TO FINALIZE STRATEGY; FOCUSED ON DETERMINING ECONOMIC MODEL THAT DELIVERS THE BEST ECONOMIC RETURNS

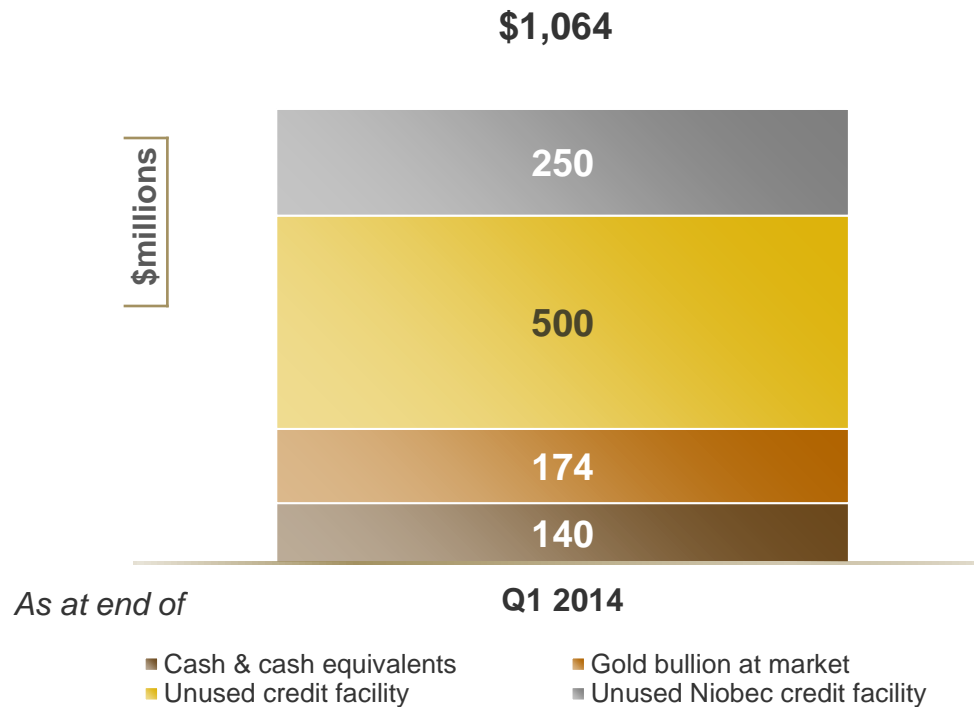
Côté Gold Project

WILL DEPEND ON PROJECT ECONOMICS BASED ON GOLD PRICE AND LIQUIDITY POSITION

Niobec

CONTINUING TO REVIEW STRATEGIC OPTIONS TO REALIZE FULL POTENTIAL

Committed to Preserving Liquidity

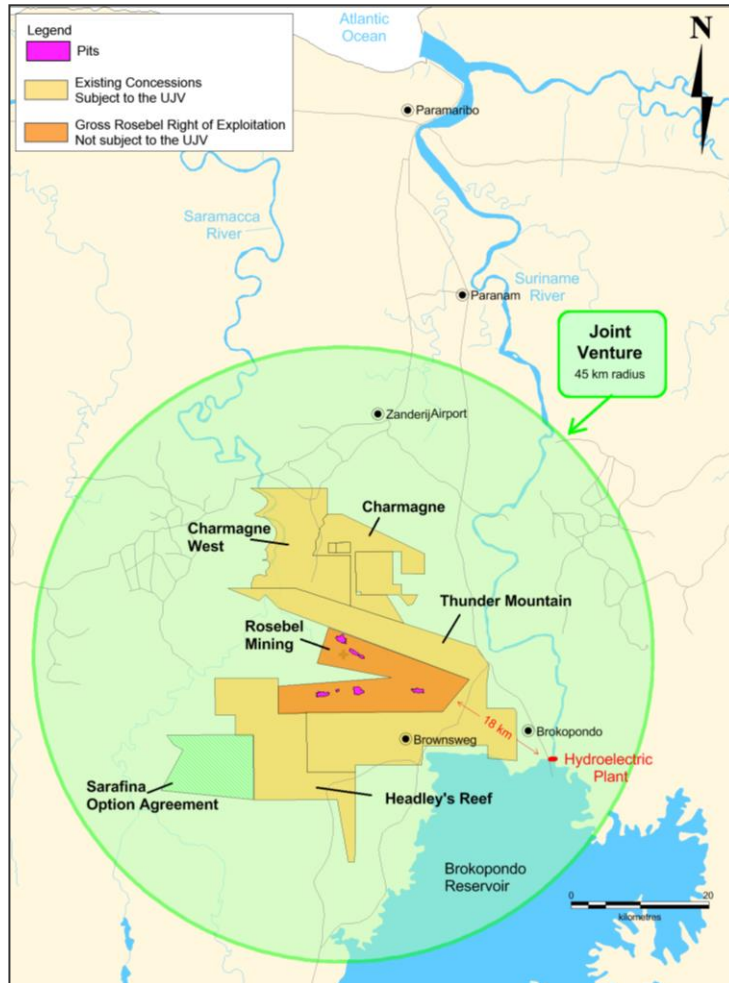


The Company has \$650 million of senior unsecured notes due October 2020.

Operations Review

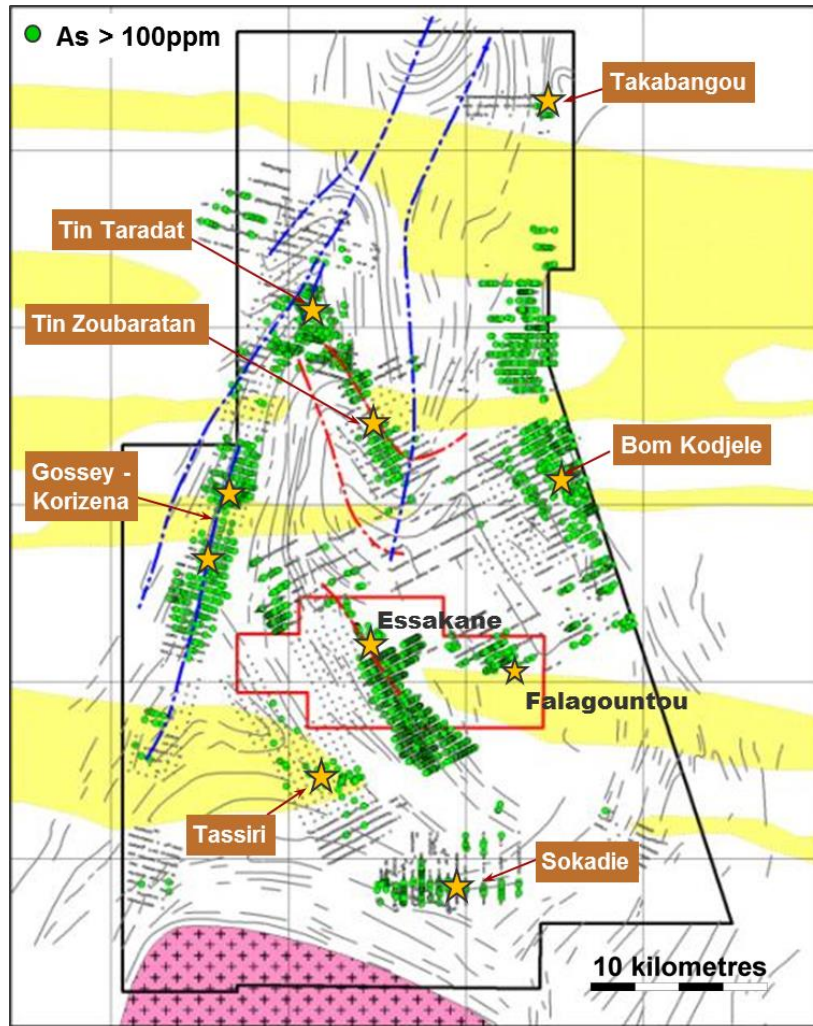


Reinventing Rosebel - Suriname



- **Strategies to address increasing proportion of hard rock**
 - › 19% in Q1'13 to 27% in Q1'14
- **New power agreement in 2013 reduces rate from \$0.21/kWh to \$0.14/kWh**
- **Solar power project to be completed Q3'14**
- **Improving mining and processing productivity**
- **Implementing measures to improve grades**
- **Joint venture targeting higher-grade, softer rock**
 - › 5 year option agreement with Sarafina; auger drilling underway
 - › 11¢/kWh power on JV ore
 - › Advancing discussions on other prospective properties

Essakane Focused on Mine Optimization – Burkina Faso



Expansion completed 2013

- › Commissioned new processing line Q1'14
- › Hard rock processing in Q1'14 increased 144% from Q4'13; production up 15%
- › Secondary crusher to come on line Q2
- › Grades expected to increase H2
- › Expect 25% production increase in 2014

Focused on Reducing Power Costs

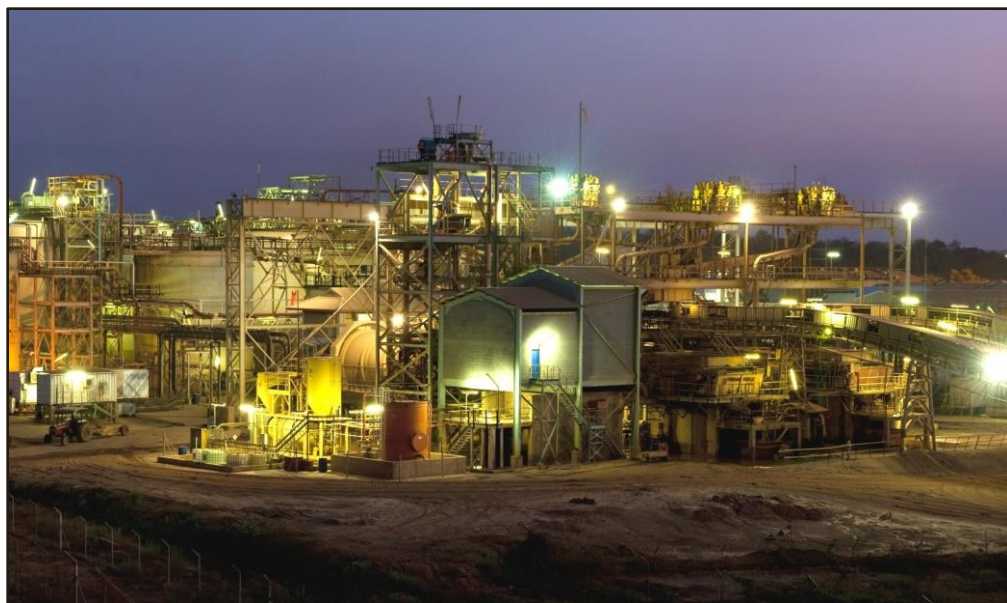
- › Feasibility studies underway
 - › 225 kV transmission line to grid
 - › Targeting 40% reduction in power costs
 - › 25 MW solar power plant

Westwood Ramping up to Commercial Production – Canada



- **High grade underground mine in the Abitibi Gold Belt**
 - › Average resource grade >10g/t Au
 - › Commenced production Q1'13
 - › Ore stockpiled at Mouska and Westwood (est. 20k contained oz.) to begin to be processed Q2'14
 - › Commercial production Q3'14
 - › H1 focused on underground development
 - › Average production 190,000 oz. over 18 years

Focused on Revitalization Strategy for Sadiola– Mali



- **Transitioning to hard rock**
- **Expansion required to accommodate hard rock processing**
 - › 50% reduction in power rate applicable to expansion
- **Discussing strategies with partner AngloGold Ashanti**
- **Focused on economic model that will generate best returns**

*Includes production from Yatela

Reviewing Strategic Options for Niobec – Quebec

Niobium is a scarce metal that strengthens and lightens the weight of steel products for automotive, pipeline and infrastructure applications



- **One of the world's top three niobium producers**
- **2013 a record year**
 - › 5.3 Mkg niobium
 - › \$18/kg operating margin
- **Strong recoveries through mill optimization**
- **Cost reduction initiatives drive up operating margins**
- **Continue to review strategic options to realize full potential**

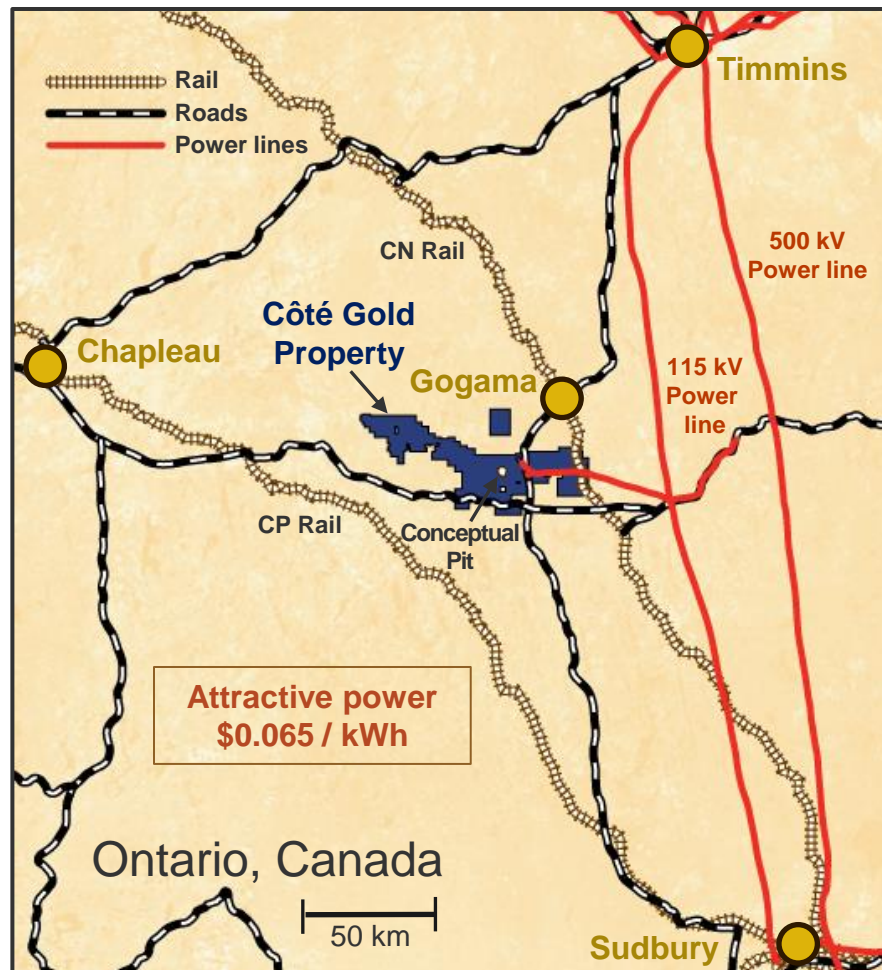
Côté Gold – Well Established Infrastructure

Mineral Resource Estimate Effective December 31, 2012

	Tonnes (millions)	Grade (g/t)	Contained Ounces (million ozs)
Indicated			
0.25 g/t Au cut-off	278	0.86	7.68
0.30 g/t Au cut-off	269	0.88	7.61
0.40 g/t Au cut-off	244	0.93	7.32
0.50 g/t Au cut-off	210	1.01	6.83
Inferred			
0.25 g/t Au cut-off	47	0.71	1.07
0.30 g/t Au cut-off	44	0.74	1.04
0.40 g/t Au cut-off	36	0.83	0.95
0.50 g/t Au cut-off	30	0.90	0.88

Source: Updated Resource Estimate for Côté Gold, effective December 31, 2012.

Note: CIM Definitions were followed for classification of Mineral Resources. Mineral Resources are estimated at a cut-off grade of 0.30 g/t Au. Mineral Resources are estimated using a gold price of US\$1,600 per ounce and metallurgical recovery of 93.5%. High grade assays are capped at 15 g/t Au and 20 g/t Au depending on sub-domain. Bulk density of 2.71 t/m³ was used for tonalite and breccia and 2.79 t/m³ was used for diorite. The Mineral Resource Estimate is constrained within a Whittle Pit shell using assumed costs and the above noted gold recovery and gold price. 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% basis; IAMGOLD has a 92.5% average attributable ownership of this project.



Source: MNM and Trelawney Mining

Exploration Review



Resource Development and Brownfield Exploration

ROSEBEL

- ✓ Focused on identifying higher-grade and softer rock resources
- ✓ 5-year option agreement with Sarafina – 10,000 hectares
- ✓ Targeting other prospective properties
- ✓ Assessing drilling results over several priority targets on the mining concession

ESSAKANE

- ✓ Continuing to target inferred resource areas around current pit design
- ✓ Follow-up drilling campaigns on the Tassiri prospect and several new prospective targets

Greenfield: Boto Gold Project, Senegal

- ✓ July 2013 – declared initial indicated resource estimate of 1.1 Moz at 1.62 g/t Au
- ✓ Based on 423 drill holes, totalling 56,832 metres
- ✓ April 2014 – ongoing drilling confirms continuity of resource and extends mineralization associated with largest deposit
- ✓ Targeting further expansion
- ✓ Scoping study in progress supported by 14,500 metres of planned drilling for 2014

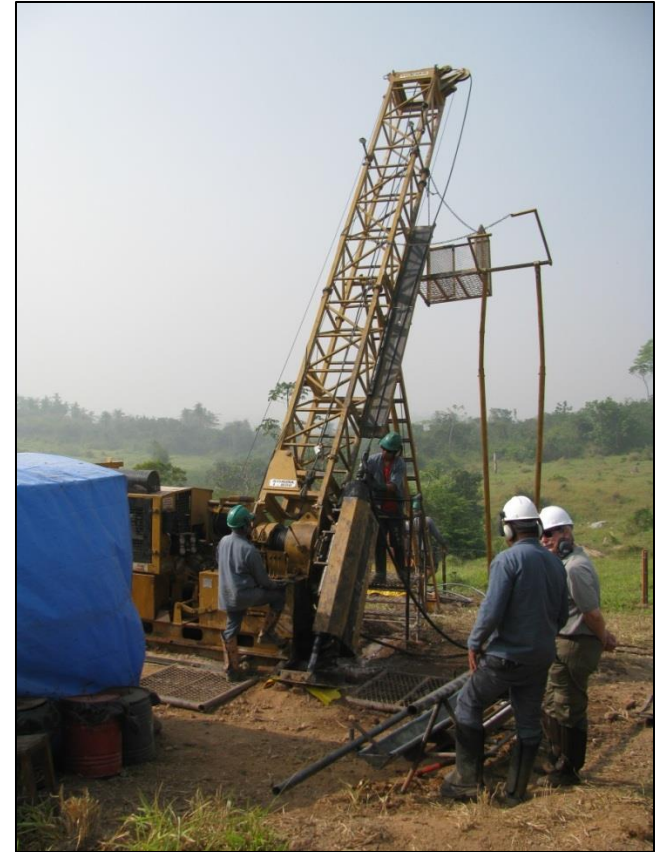


Source: Updated Resource Estimate for Boto Gold, effective April 19, 2013.

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.

Greenfield: Pitangui Project, Brazil

- ✓ São Sebastião gold deposit located in the prolific Iron Quadrangle
- ✓ April 2014 – declared maiden inferred resource of 0.64 Moz at 4.88 g/t Au
- ✓ Based on 57 holes, totaling 19,600 metres
- ✓ 24,000 metres of planned drilling for 2014 focused on infill and expansion of current resource and identification of additional target areas
- ✓ Planned geophysical survey to detect sulphide accumulations within host rock sequence



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.

Catalyst Strategies

- ✓ **Continue reducing all-in sustaining costs**
- ✓ **Reinvent Rosebel through softer rock**
- ✓ **Optimize Essakane as it ramps up production**
- ✓ **Ramp up Westwood to commercial production**
- ✓ **Revitalize Sadiola**
- ✓ **Continue to review strategic options for Niobec**
- ✓ **Advance promising exploration projects**

Why invest in IAMGOLD?

- ✓ Diversified portfolio of long-life producing gold mines
- ✓ Unique niobium asset with history of consistent profitability
- ✓ New producing gold mine with resource grade averaging 10 g/t Au
- ✓ Optimizing economic returns with optionality for growth
- ✓ Exploration pipeline of select early to advanced stage projects
- ✓ Strong government relations
- ✓ More than \$1 billion in liquidity and no bank debt
- ✓ Expertise in bulk tonnage low-grade deposits
- ✓ In-house project development team
- ✓ Excellent CSR reputation

Appendix

2014 Guidance

Attributable gold production	<u>Guidance</u>	
	Rosebel (000s oz.)	330 - 350
	Essakane (000s oz.)	315 - 330
	Doyon division (000s oz.) ¹	100 - 120
	Total owner-operated production (000s oz.)	745 - 800
	Joint ventures (000s oz.)	90 - 100
	Total attributable production (000s oz.)	835 - 900
	Total cash costs ^{2,3} – owner-operator	\$790 - \$830
	Total cash costs – gold mines (\$/oz.)	\$825 - \$875
	All-in sustaining costs ² – owner-operator (\$/oz.)	\$1,100 - \$1,200
	All-in sustaining costs – gold mines ⁴ (\$/oz.)	\$1,150 - \$1,250
	All-in sustaining costs – total ⁵ (\$/oz.)	\$1,080 - \$1,185
	Niobec production (Mkg Nb)	4.7 - 5.1
	Niobec operating margin ² (\$/kg Nb)	\$15 - \$17

¹ Doyon Division production to 100,000 to 120,000 ounces includes Westwood pre-commercial production. Associated contribution will be recorded against its mining assets in the consolidated balance sheets.

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, 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.

2014 Capital Expenditure Outlook¹

(\$ millions)	Sustaining	Development/ Expansion	Total
Rosebel	70	30	100
Essakane	80	25	105
Westwood	35	55	90
Côte Gold	-	15	15
Total owner-operated gold	185	125	310
Niobec	20	50	70
Total consolidated	205	175	380
Joint ventures – Sadiola ²	10	10	20
Total	215	185	400

¹ Capitalized borrowing costs are not included.

² Attributable capital expenditures of \$20 million include sustaining capital expenditures and existing commitments related to the ordering of long lead items in 2012 for the Sadiola sulphide project..

2014 Exploration Program – \$87.6 Million¹

(\$ millions)	<u>Capitalized</u>	<u>Expensed</u>	<u>Total</u>
Exploration projects – greenfield	0.2	38.2	38.4
Exploration projects – brownfield ¹	17.4	11.6	29.0
	17.6	49.8	67.4
Côté Gold studies	15.6	0.3	15.9
Other scoping and pre-feasibility studies	-	4.3	4.3
	15.6	4.6	20.2
Exploration and Project Studies	33.2	54.4	87.6

¹ Exploration projects – brownfield excludes expenditures related to Sadiola of \$1.0 million.

2013 Reserves and Resources¹

As of December 31, 2013	2013	Change	2012
Gold (000s attributable oz. contained)			
Total proven and probable mineral reserves	10,127	(11%)	11,327
Total measured and indicated mineral resources ^{2,3}	23,408	4%	22,603
Total inferred resources	6,299	3%	6,093
Niobium (millions of kg Nb ₂ O ₅ contained)			
Proven and probable reserves ^{5,6,7}	1,707	(3%)	1,768
Measured and indicated resources ^{2,3,4,5,6}	2,653	3%	2,563
Inferred resources ⁷	229	(13%)	263

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.

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.

⁴ Measured and indicated niobium resources are inclusive of probable reserves.

⁵ Mineral reserves have been estimated based on a Technical Report (NI 43-101) prepared in December 2013, using a block caving scenario using \$45 per kilogram of Niobium and include dilution material. Mineral resources have been estimated using a cutoff of 0.20% Nb₂O₅ per tonne (before recovery) under the block caving scenario.

⁶ There is a large volume of the material within the planned block caving that has a measured resource classification. However, due to the uncertainty associated with estimating material movement within the cave, a probable classification has been applied to the reserve.

⁷ A small amount of inferred and unclassified mineral resource material will be mined from the block caving scenario and segregation of the material is not possible. For the purpose of estimating the mineral reserves, which by the Canadian Institute of Mining ("CIM"), Metallurgy and Petroleum definitions include diluting materials, tonnage of this inferred and unclassified material have been included. This material is considered to be mineralized dilution, which will be included in the mineral reserve estimate and within the production plan.

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