



# Near-term Gold Production in the Central African Republic

Precious Metals Summit  
Beaver Creek, Colorado

September 2011

Additional exploration assets in  
Sierra Leone, Senegal and Mozambique



# Cautionary Statement



This presentation contains forward looking statements. All statements, other than statements of historical fact, included herein, including without limitation, statements regarding potential mineralisation and reserves, exploration results and future plans and objectives of AXMIN, are forward-looking statements that involve various risks and uncertainties. There can be no assurance that such statements will prove to be accurate and actual results and future events could differ materially from those anticipated in such statements. Important factors that could cause actual results to differ materially from AXMIN's expectations are disclosed under the heading "Risk Factors" and elsewhere in AXMIN documents filed from time-to-time with the TSX Venture and other regulatory authorities.

Total resources include all categories unless otherwise stated.  
All currency are in US\$ unless otherwise stated.



# AXMIN – Capital Structure



## TSX Venture - AXM

### Capitalization (Sep 9, 2011)

Market Cap (FD)	\$71 MM
Basic Shares Outstanding	628,271,747
Options	32,050,000
Warrants (\$0.10 - \$0.75)	130,851,758
Fully Diluted	791,173,505
Cash <sup>1</sup>	US\$4 MM
Debt (at present)	Nil

### Major Shareholders

AOG Holdings	26% (FD 23%)
Management & Insiders	5% (FD 7%)
CAR Government	26 MM shares (20 MM warrants @ US\$0.30)
Float (estimated)	20%

<sup>1</sup> Cash as of 2Q 2011, proceeds from the sale of marketable securities are not included in the cash position above.  
US\$8 MM Kofi sale (US\$1.3 MM paid to date)  
US\$7.5 MM Sierra Leone asset sale (expected to close in Q3 2011)

# AXMIN Experienced Team



## Senior Management

### **George Roach, President & CEO**

Over 25 years of experience securing and establishing mineral exploration tenure and managing mining and resource operations throughout Africa. Founding director and managing director for UraMin Inc., former president & CEO of AfNat Resources, founder and managing director of G&B African Resources. Currently a director of Ethiopian Potash Corp.

### **Graham Hill, COO**

Mechanical Engineer with over 25 years of experience building and operating major gold coal and mineral sands mines internationally. Involved with building of the Yatela and Sadiola gold mines in Mali for Anglo American, recently involved with the development of Oxus Resources Jeroooy and Amantaytau gold mines in Central Asia.

### **Alex Dann, VP Finance & CFO**

Chartered Accountant with 15 years experience leading financial operations and strategic planning for multinational companies primarily in mining. Senior roles with Falconbridge, Rio Algom and Goldbelt Resources. Headed up finance group for Magna International, automotive parts supplier.

## Board of Directors

### **Ozge Erdem**

Legal Counsel & Partner at Patrimoine Partners LLP, London, UK

### **Robert Metcalfe**

Legal Counsel at Metcalfe, Blainey & Burns LLP, Toronto, Canada

### **George Roach**

President & CEO

### **Robert Shirriff**

Legal Counsel at Fasken Martineau DuMoulin,  
Toronto, Canada

### **David de Jongh Weill**

Director & Partner at Patrimoine Partners LLP, London, UK

# AXMIN Highlights – Buying Opportunity



## Near term +160,000 oz/year producer at Passendro, CAR

- +200,000 oz/ year production first 3-years production at cash cost of US\$437/oz result in rapid 2.2 year payback
- Strong economics at US\$1,100 oz gold – significant gold price upside
- Debt facility to finance up to 66% of capital requirements

## Excellent Exploration Potential along the Bambari greenstone belt

- +1,200 sq km exploration permit within the greenstone belt
- High potential exploration areas within Passendro mining permit
- Q4 2011 drilling planned, targeting untested strike & depth extensions around pits



# AXMIN – Leading Development in CAR



## AXMIN has positive relationship with the CAR Government

- CAR Government to receive signature bonus of US\$11 million, paid in three tranches (US\$8 MM paid to date)
- CAR Government, in lieu of carried interest, received 26 million AXMIN shares and 20 million warrants at US \$0.30 per share.
- High ranking CAR Government officials support AXMIN's development; state visit to Canada re-enforce commitment

## Fiscal provisions of amended 2006 Mining Convention remain intact

- 2.25% royalty on gold sales
- Exemption from duties and VAT on capital, equipment, consumables and mining contract
- Fuel tax and VAT exemption for life of mine
- 5-year tax holiday (30% corporate tax rate)

**Government equity ownership aligns the State's interest to the interest of AXMIN shareholders.**

## Key facts



### History:

Independent since 1960. Civilian rule was established in 1993. General Bozize was affirmed as President in May 2005

### Population:

4.8 million

### GDP:

US\$3.3 billion (2009 estimate)

### GDP Growth Rate:

1.7% (2009 estimate)

### Foreign Direct Investment (net):

US\$117.1 million (2008)

### IMF October 2010 Report:

Fund support to the CAR – both financially and through technical assistance – has helped the implementation of sound economic policies and mobilized external financing to help authorities reduce poverty and achieve growth objectives. The economy now appears to be on the way to sustainably higher growth.

# Passendro Project – Key Milestones

## Debt Facility Negotiations Advancing

- US\$100 MM debt Mandate Letter signed with The Standard Bank of SA
- Debt facility potentially up to 66% of CAPEX; advanced negotiations with other banking consortiums underway

## Strengthen Engineering & Development Team

- May 2011 - Appointed Graham Hill COO – extensive experience building mines in sub-Saharan Africa

## Revalidated Feasibility Study –Jan 2011

- Stronger project both economically and technically
- Optimization of FS economics underway – significant gold price upside

## Permitting & Mining Convention –Aug 2010

- 25-year Mining Licence and two new Exploration Licences cover the entire Bambari greenstone belt

# Passendro Project: Robust Economics



## Revalidated Feasibility Study (Jan 2011)

Assumed Gold Price	\$1,100oz
Assumed Oil Price	US\$80/bbl
Mine Throughput	2.8 mtpa
Mine Life	8.3 years
Development & Construction	24 months
Strip ratio	5.4:1
Average Annual Production (year 1-3)	205,000 ozs
Average Annual Production (LOM)	163,000 ozs
Initial Capital Cost (excluding contingency)	US\$246 million
Cash Operating Costs (including royalties)	US\$484/oz Au
Average Metallurgical Recovery	94%
Gravity Recovery	30%
Payback Period	2.2 years
<b>IRR (after tax &amp; royalties)</b>	<b>32.1%</b>
<b>NPV (after tax, 5% discount)</b>	<b>US\$340 million</b>
<b>Operating Cash Flows</b>	<b>US\$493 million</b>

## Reserves (January 2011– based on US\$1,000/oz Au)

Category	Tonnes (Mt)	Grade (g/t Au)	Gold Content (oz)
Proven	3.5	1.8	207,505
Probable	20.0	1.9	1,238,670
<b>Total P&amp;P Reserve<sup>1</sup></b>	<b>23.5</b>	<b>1.9</b>	<b>1,446,175</b>

## Resources (Updated June 2009)

Category	Tonnes (Mt)	Grade (g/t Au)	Gold Content (oz)
M&I	31.5	2.0	2,027,000
Inferred	21.7	1.6	1,104,000
<b>Additional Low Grade (0.8-0.3g/t Cut-off (within Main Zone Pit))</b>			
M&I	27.5	0.5	458,000
Inferred	35.5	0.5	550,000

<sup>1</sup> Proven & Probable reserve included in Measured & Indicated resource

Resources are NI 43-101 compliant and prepared by SRK Consulting (UK) Ltd

**AXMIN is preparing to deliver the first large-scale operational gold mine in the Central African Republic**

# Passendro: Cost-efficient Gold Production

## Capital cost breakdown

Description	Capital Cost (US\$ million)
Initial mining capital cost	26.8
Pre-strip costs	11.5
Pit dewatering	3.5
Tailings	7.3
Process plant direct costs	79.3
Infrastructure costs	45.5
Owners' pre-production costs	7.6
Off-site infrastructure	6.3
Other	2.3
Construction & Management	55.0
Contingency	20.4
<b>Sub-Total</b>	<b>\$265.5</b>
Working capital	\$8.4
<b>Total</b>	<b>\$273.9</b>

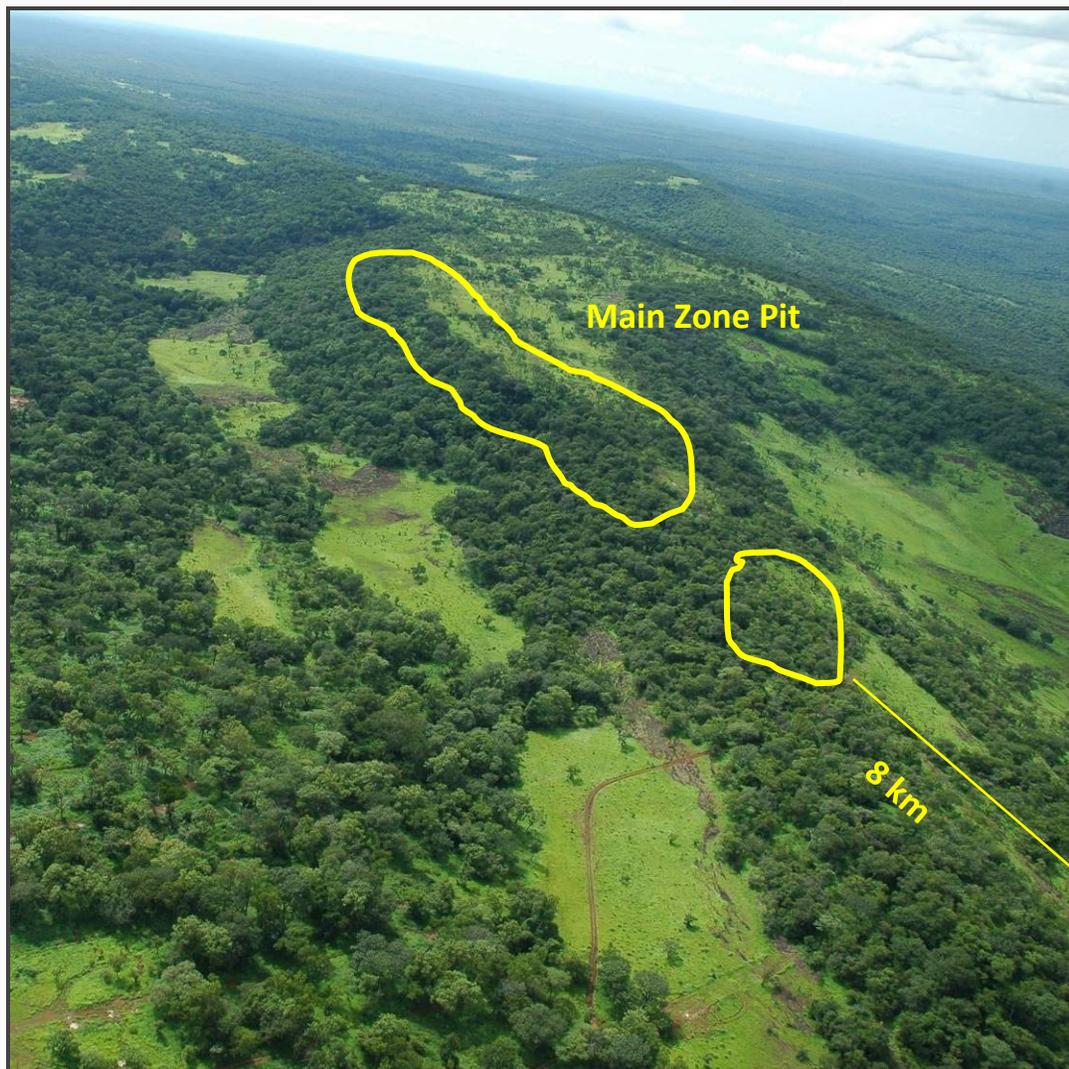
## Operation cost breakdown

Description	US\$/Tonne Processed	US\$ per ounce
Mining	\$11.62	\$201
Processing & Refining	\$11.46	\$198
G&A	\$3.13	\$54
Royalties	\$1.81	\$31
<b>Total Production Costs</b>	<b>\$28.02</b>	<b>\$484</b>

**Current work on project optimizations have potential to reduce capital costs further improving economic profile**

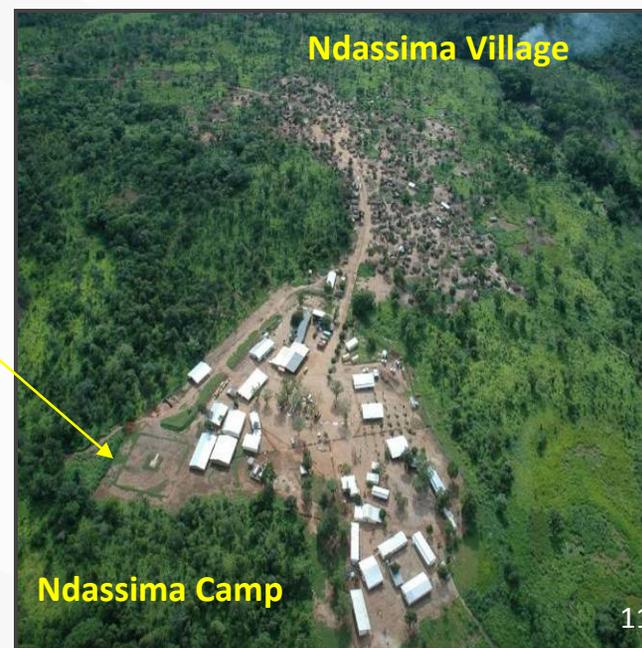


# Passendro: Main Zone Pit Overview



Open woodland

Sparsely populated



# Passendro Project – Geological Upside

## Tanzania

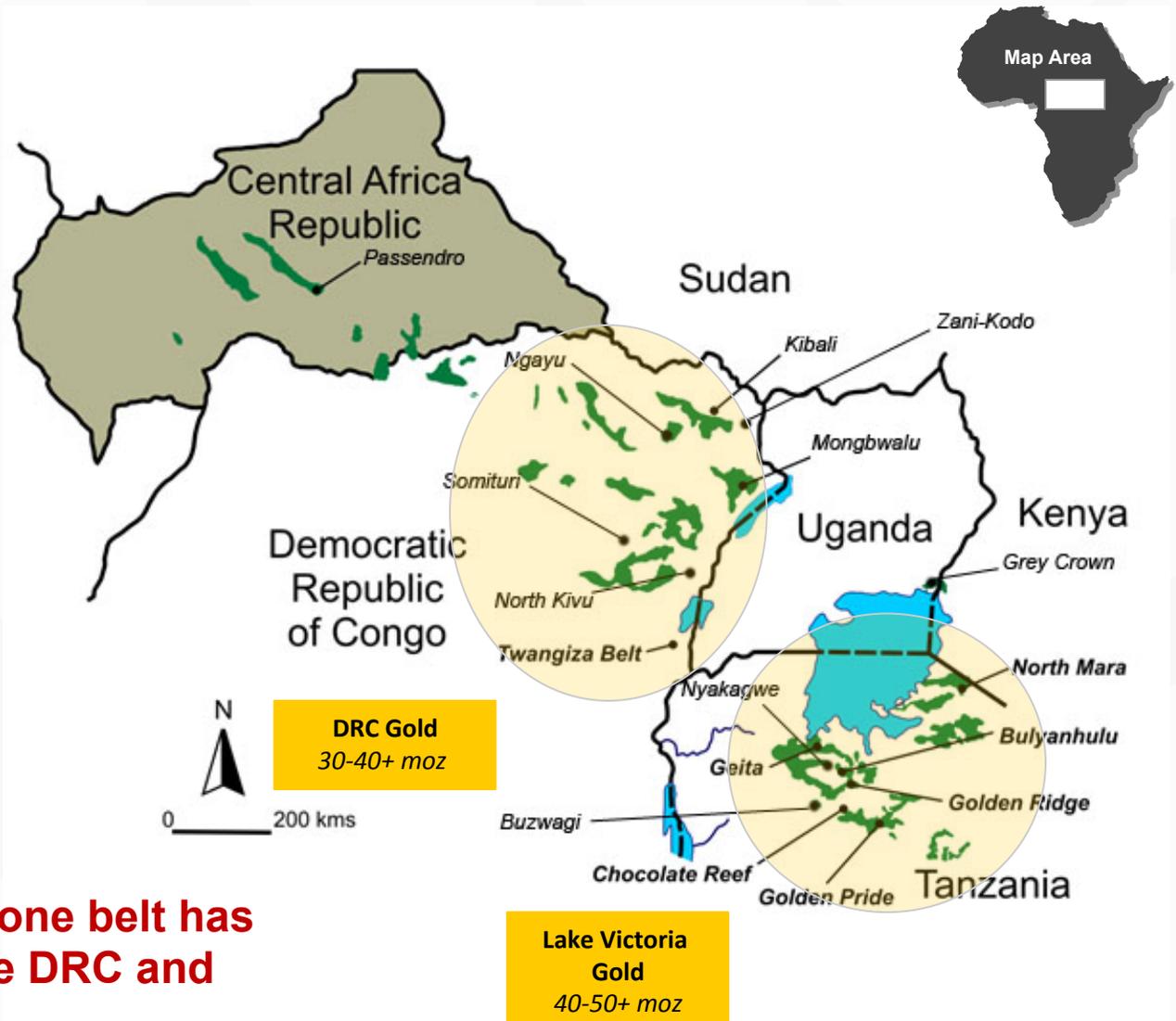
- 40-50 moz of gold potential with many large-scale gold companies operating

## Democratic Republic of Congo

- Kibali (former Motogold Mines) has total resource of 28m oz and Banro has total resource of 11moz

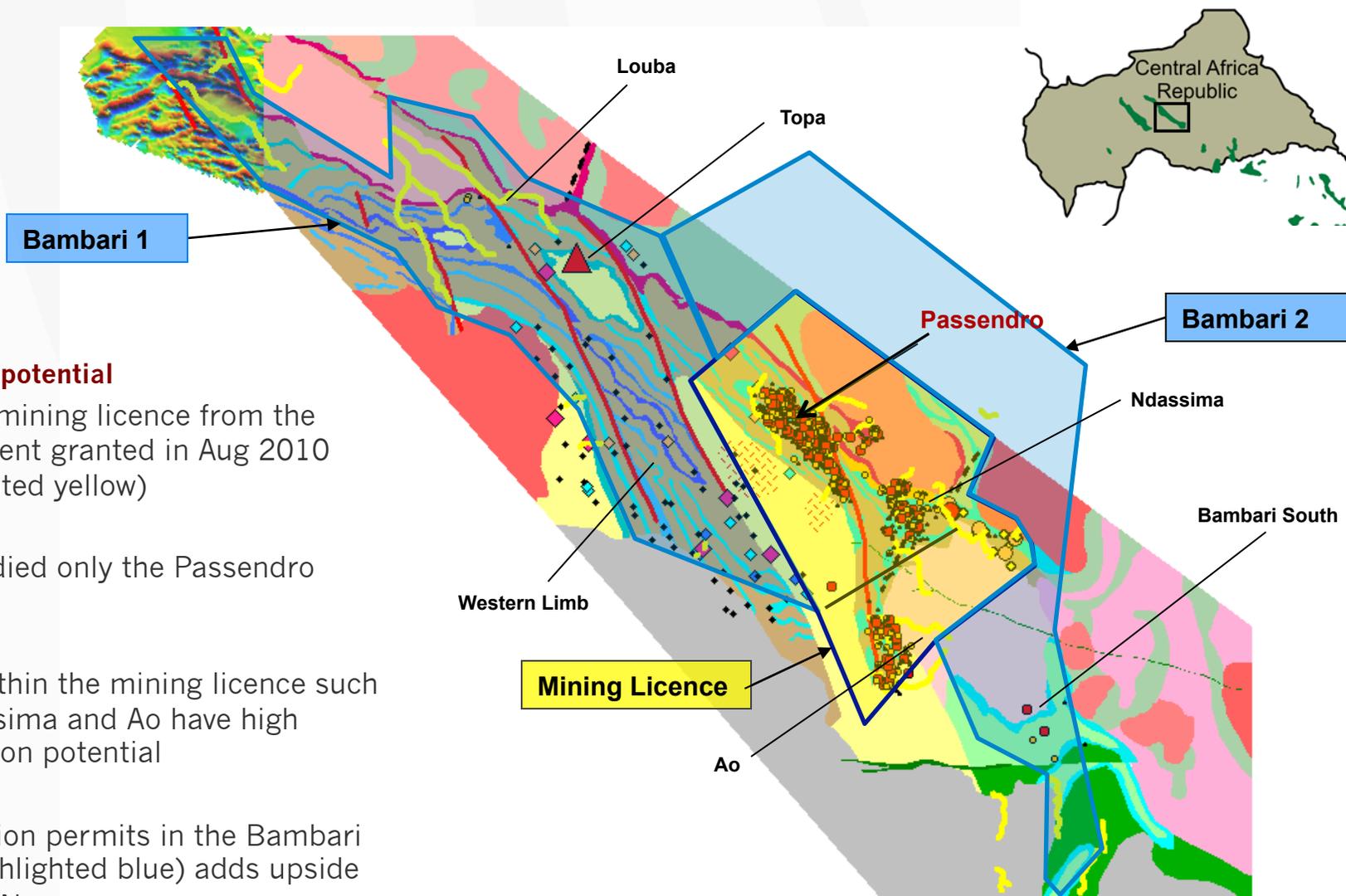
## Central African Republic

- AXMIN has rights to the Bambari greenstones



**CAR's Bambari greenstone belt has similar potential to the DRC and Tanzania**

# Bambari Belt: Proven Geological Potential



## Bambari potential

25-year mining licence from the government granted in Aug 2010 (highlighted yellow)

BFS studied only the Passendro region

Areas within the mining licence such as Ndassima and Ao have high exploration potential

Exploration permits in the Bambari Belt (highlighted blue) adds upside for AXMIN

# AXMIN: Highly Prospective Project / JV Assets



## Sierra Leone Assets

### Location:

Sierra Leone Assets (Nimini Hills East & West, Matotoka) includes the Komahun Gold Deposit

### Description

330 km east of Freetown on good quality tarred road.

### Resource estimate

110,000 oz Measured & Indicated  
435,000 oz Inferred

### Ownership

AXMIN acquired a minority interest from Eldorado Gold Corp and Flaxman Corp, thereby increasing ownership of the Komahun Project to 100%

August 2011, AXMIN agrees to sell 51% interest in its Sierra Leone assets for US\$7.5 MM to Polo Resources, in addition Polo will fund the first US\$2 MM of exploration.

Resource definition drilling planned for Q4 2011.

## Senegal Permits

### Location:

Senegal Permits (Sounkounkou, Heremakono and Sabodala NW ) includes the Gora Gold Deposit

### Description

Located adjacent and to NE of Teranga Gold (formerly Mineral Deposits Limited) Sabodala Gold Mine.

### Ownership

Teranga has earned 80% interest in the Senegal Permits (by spending US \$6 MM, AXMIN retains a 20% interest.

### Key development

Teranga announced inferred resource at Gora Deposit of 106,000 oz (0.53Mt at 6 g/t Au); plus the discovery of two other potential deposits on the AXMIN Senegal Permits.

Teranga is planning to fast-track Gora to augment Sabadola production.

## Mativa Nickel Project

### Location:

Mozambique

### Description

AXMIN owns a 100% interest in Mativa exploration permits.

### Key development

Early exploration defined several anomalous lithologies prospective for Ni sulphide mineralization.

16 priority targets have been identified.

Advanced JV negotiations with a third party are underway.

# Comparables Overview

	Country of Operation	Share Price	Market Cap (\$M)	Enterprise Value (\$M)	Total (moz)		EV /		
					Reserves	Resources	Reserves	Resources	
<b>AXMIN Inc.</b>	<b>CAR</b>	<b>\$0.10</b>	<b>\$60</b>	<b>\$48</b>	<b>1.4</b>	<b>3.1</b>	<b>\$33</b>	<b>\$15</b>	
Centamin Egypt	Egypt	\$1.66	\$1,819	\$1,655	9.1	14.5	\$182	\$114	
Perseus Mining	Ghana, Ivory Coast	\$3.59	\$1,530	\$1,454	3.9	7.9	\$373	\$184	
Banro Corporation	DRC	\$4.65	\$888	\$830	4.5	11.0	\$183	\$75	
Gryphon Minerals	Mauritania, Burkina Faso	\$1.71	\$513	\$448	-	2.0	-	\$224	
Sunridge Gold Corp.	Eritrea	\$0.67	\$79	\$58	-	1.1	-	\$56	
Auryx Gold Corp.	Namibia	\$0.55	\$89	\$51	-	1.8	-	\$28	
Chalice Gold Mines	Eritrea	\$0.32	\$80	\$72	0.8	0.8	\$94	\$86	
							<b>Max</b>	<b>\$373</b>	<b>\$224</b>
							<b>Mean</b>	<b>\$208</b>	<b>\$110</b>
							<b>Min</b>	<b>\$94</b>	<b>\$28</b>
<b>Near-term Producers</b>									
Detour Gold Corp.	Ontario, Canada	\$34.56	\$3,393	\$3,124	11.4	21.1	\$274	\$148	
Carpathian Gold	Brazil	\$0.55	\$236	\$208	0.8	8.5	\$251	\$25	
Oromin Explorations	Senegal	\$0.86	\$117	\$105	1.4	3.5	\$74	\$30	
Andean American	Peru	\$0.49	\$70	\$52	0.5	1.0	\$97	\$52	
							<b>Max</b>	<b>\$274</b>	<b>\$148</b>
							<b>Mean</b>	<b>\$174</b>	<b>\$66</b>
							<b>Min</b>	<b>\$74</b>	<b>\$25</b>

Source **Capital IQ**  
As of August 26, 2011  
All currencies converted to C\$

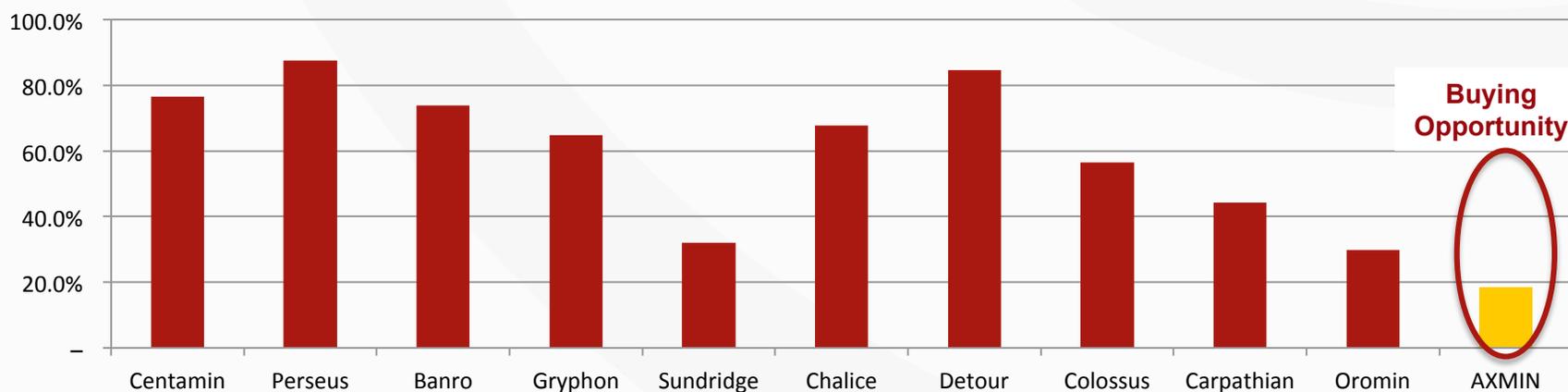
# AXMIN - Significantly Undervalued Compared to Peers



## EV/Resources – African Gold Producers / Developers



## Analysts' NAV compared to current share price



# Objectives 2011/12: Ramp-up Project

## Passendro Project – Ramp up Production

- Advanced talks with banking consortiums, including a US\$100 MM mandate letter from the Standard Bank of SA
- Passendro – simple, proven and tried-and-tested process in Africa
- Securing engineering, logistics, mining contracts
- Strengthening Health & Safety and Environmental management
- Ongoing project optimizations – power supply agreements, contract mining

## Expand Reserves and Resources

- Advance exploration – drilling planned for Q4 targeting increased reserves in and around existing pits
- Gold price upside, reserves based on US\$1,000/oz
- Many high priority targets within Mining Licence and along belt

## Increase Marketing – AXMIN an Exciting Undervalued Story

- Debt financing negotiations well advanced
- Robust project, near-term +160,000 oz/yr low cost producer
- Off markets radar – significantly undervalued compared to peers



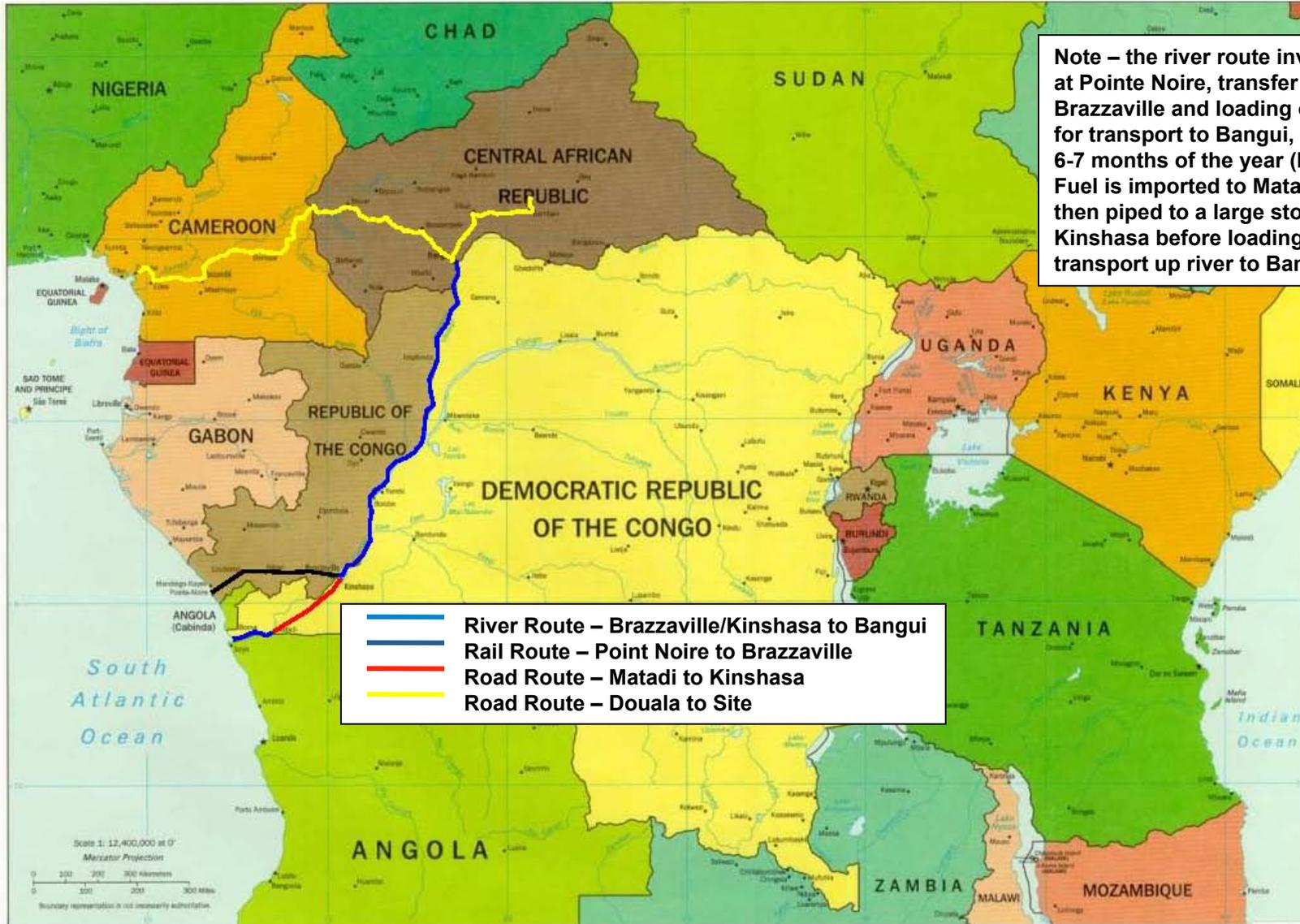
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# Passendro: Planned Transportation Routes



Note – the river route involves off-loading at Pointe Noire, transfer by train to Brazzaville and loading on to river barges for transport to Bangui, CAR. It is open for 6-7 months of the year (May-November). Fuel is imported to Matadi by barge and then piped to a large storage facility in Kinshasa before loading into barges for transport up river to Bangui.