

## MINEX Forum 2008

## Time to Buy?

1100

ALCOHOL: DESIGN CO. (CO.)

Vitaly Nesis, CEO October 1st, 2008



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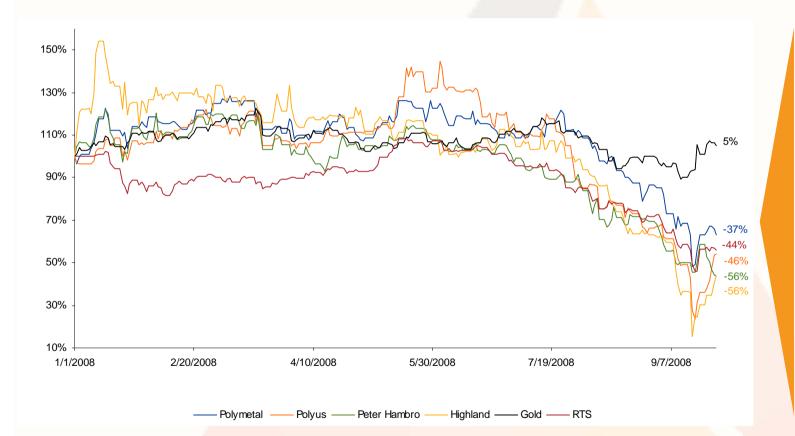
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### **Current Situation: Global Financial Crisis**

#### Jan 01, 2008 – Sep 26, 2008 (LSE, LME, RTS)



- Liquidity constraints
- De-risking
- Slowing global economy
- Decline in oil price

You name it...





### **Crisis is a time for buying opportunities?**

- No financing opportunities for exploration/development properties
- Liquidity complications for some of the projects' owners
- ▲ Less optimistic outlook for gold price
- A Growing uncertainly about long-term ability to access equity markets at attractive valuations

More and more assets are coming to the market

Valuations are falling

Still not much that we (Polymetal) like





## What's wrong with Russian gold IPO?

Region	Successful Gold IPOs	Failed Gold IPOs	
RUSSIA and FSU(2005-2007)	4	-	.
RUSSIA and FSU (2007-2008)	1	5	
AFRICA(2005-present)	>10	3	
LATIN AMERICA (2005-present)	>10	2	

More than 10 companies announced the intention to list, but didn't pursue the offering

Assets are small in terms of both production and reserves

Development plans have very poor technical quality

Exploration /development is focusing on the size of resources with little regard to economic viability of the assets

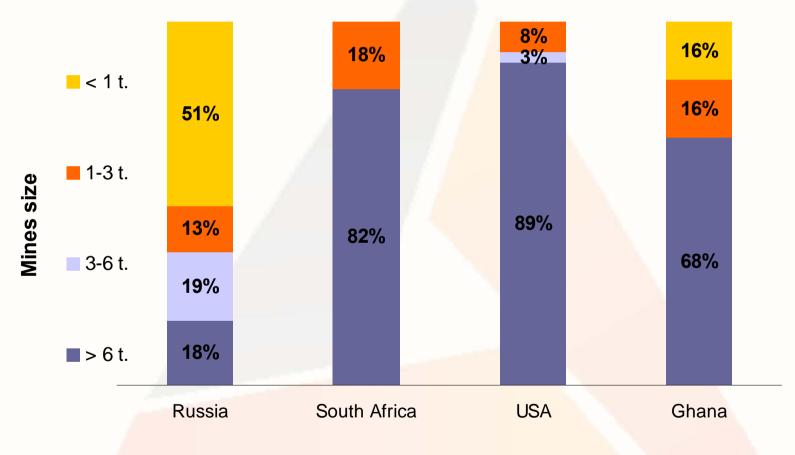


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Small-scale inefficient mines are the most common ones in Russia

#### Gold production structure by size of mines, 2007



Source: Companies' data, open sources, Polymetal's estimates





### **Operational delivery on new gold projects has been extremely poor**

Mine	Owner	Start-up	Design production achieved	Reason for failure
Barun-Kholba	Polymetal	2001	35%	<ul><li>Ore body discontinuity</li><li>High underground dilution</li></ul>
Darasun	HGM	2004	40%	<ul> <li>A High underground dilution</li> <li>A Low recovery from complex ore</li> <li>A Lower throughput due to design mistake</li> </ul>
Aginskoe	KamGold	2006	70%	<ul> <li>High underground dilution</li> <li>Low underground ore mining productivity</li> </ul>
Suzdal BIOx	Celtic	2004	50%	Low BIOx recovery
Vasilyevsky	Angara Mining	2006	50%	Lower-than-expected reserve grade
Tas-Yuryakh	Amur	2006	50%	Lower-than-expected reserve grade
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# Quality of major undeveloped deposits is close to marginal

Deposit	Owner	Tonnes* (Mt)	Au <mark>grade*</mark> (g/t)	Au* (Moz)	Type of mining	Refractory ore	Grid power
Natalka	Polyus	790.8	1.5	39.7	Open pit	Νο	Limited
Blagodatnoe	Polyus	102	2.4	7.9	Open pit	Yes	No
Pioneer	PHM	75.8	1.1	2.7	Open pit	Νο	Yes
Malomir	PHM	151.9	1.0	5.1	Open pit	Yes	Yes
Nezhdaninskoe	Polyus	71.4	5.5	12.7	Underground	Yes x 2	No
Svetlinskoye	Yuzhuralzoloto	62.7	1.4	2.9	Open pit	Νο	No
Taseevskoe	HGM	30.0	3.5	3.4	Open pit	Yes	Yes
Svetloye	Fortress	16.23	2.1	1.1	Open pit	Νο	No
Maiskoe	HGM	21.9	10.4	7.3	Underground	Yes	No
Albazino	Polymetal	13.0	5.3	2.2	Open pit	Yes	No
Vasiljevskoye	Angara Mining	4.7	5.0	0.8	Open pit	No	Limited

\* M&I&I Resources according to the JORC Code 2004





## How did Russian gold industry find itself in such position?

#### **CURRENT SITUATION**

- Most participants are enthusiastic newcomers with limited experience and unrealistic expectations
- Most new operations are small-scale short-life projects built under "artel-like" mentality or with outright speculative purposes
- Overly optimistic expectations about implementation of complicated technologies in remote locations

#### CONSEQUENCE FOR POTENTIAL BUYING OPPORTUNITIES

- Difficult to negotiate due to significant gap in the level of technical competence
- Fair value materially less than capital spent
- Massive value distinction because of crucial mistakes in conceptual design

NOT MUCH TO BUY OR TO FINANCE

VALUE GAP DIFFICULT TO BRIDGE

VALUE DESTRUCTION ONGOING





#### Are exploration projects any better?

- Capital intensity of a new mine in Russia is likely to be significantly higher than in competing locations
- cold climate
- remote locations with challenging transportation logistics
- lack of energy infrastructure
- Soviet system of resource/reserves classification in MATERIALLY different from international systems (JORC, NI 41-101, SAMREC, etc.)
- Productivity-adjusted labor costs in Russia are higher than in most competing locations
- Remote locations necessitate longer development schedules

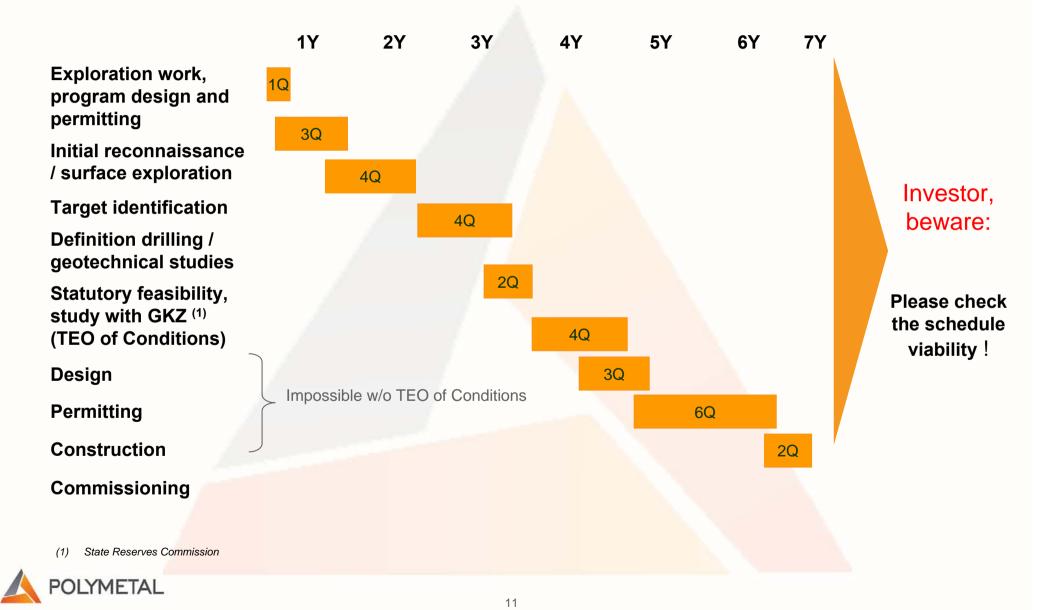
RUSSIA IS A FINANCIALLY CHALLENGING PLACE TO EXPLORE

ONLY THOSE QUALIFIED AND FUNDED SHOULD VENTURE





# Stand-alone exploration projects are not particularly appealing given the risk and the timing





# Many sellers will enter gold asset market in the nearest future

The quality of assets for sale in most cases will be quite poor

Investors and lenders should concentrate on proven operators with advanced projects, preferably brownfield

