

# SIHAYO GOLD LIMITED



**Developing a world class mid-sized Indonesian gold company**

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## Exploration and Geological Attribution Statement

- It is advised that in accordance with the Australian Stock Exchange Limited Listing Rule 5.6, information in this presentation that relates to Exploration Results is based on information compiled by Mr Graham Petersen who is a Member of the Australasian Institute of Mining and Metallurgy.
- Mr Petersen, is the Chief Geologist of PT Sorikmas Mining, the 75% owned subsidiary of Sihayo Gold Limited. Mr. Petersen has sufficient experience which is relevant to the style of mineralisation and type of deposit which is under consideration and to the activity which Sihayo is undertaking to qualify as a “Competent Person” as defined in the 2004 Edition of the “Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves”. Mr Petersen consents to the inclusion in this report of the matters based on information in the form and context in which it appears.
- All statements in this report, other than statements of historical facts that address future timings, activities, events and developments that the Company expects, are forward looking statements. Although Sihayo Gold Limited, its subsidiaries, officers and consultants believe the expectations expressed in such forward looking statements are based on reasonable expectations, investors are cautioned that such statements are not guarantees of future performance and actual results or developments may differ materially from those in the forward looking statements. Factors that could cause actual results to differ materially from forward looking statements include, amongst other things commodity prices, continued availability of capital and financing, timing and receipt of environmental and other regulatory approvals, and general economic, market or business conditions.

# Executive Summary

- **1 Moz JORC Resource at Sihayo Pungkut Gold Project** core foundation asset
- Near term value creation via expected **JORC Resource Growth**
- Completion of the **Definitive Feasibility Study (“DFS”)** Dec 2010 and establishing clear pathway towards production
- Accelerated regional exploration of the Contract of Work (“COW”) across **20 identified prospects** including “game changer” potential
- Attractive valuation versus peer group

# 1. Corporate Details

## Capital Structure

ASX Code	SIH
Shares on issue	600.7M
Options listed	13.3M
Options unlisted	33.8M
Cash	8.0M
Market Capitalization (FD)	\$126M

## Major Shareholders

Summit Investments (Caudle)	16.5%
Mr Chee Siew Yaw	13.5%
IndoAust Mining (Willis)	9.1%
Lion Selection & Asia Lion	3.8%
<i>Top 20 Shareholders</i>	<i>72%</i>

## Board and Management

Peter R. Bilbe	Chairman
John Blake	Non exec Director
Gavin Caudle	Non exec Director
Misha Collins	Non exec Director
Paul Willis	Chief Executive Officer
Greg Entwistle	Chief Operating Officer
Graham Petersen	Chief Geologist (PTSM)



**Excellent Industry and Indonesian country experience**

# 2. Sihayo Pungkut Project – 1 Moz JORC

## 7th generation Contract of Work “COW”



World class geological address

# 1 Moz JORC Indicated and Inferred

Report issued by Runge Limited, July 2010

<i>Resource</i>	<i>Tonnage Mt</i>	<i>Grade Au g/t</i>	<i>Contained Gold ounces</i>	<i>JORC Classification</i>	<i>Cut-off grade Au g/t</i>
SIHAYO	8.5	3.0	828.000	Indicated	1.2
SIHAYO	1.1	2.3	82.000	Inferred	1.2
	9.6	3.0	910.000	Indicated & Inferred	1.2
SAMBUNG	1.1	2.6	100.000	Inferred	1.5
Total	10.7	2.9	1.010.000	Indicated & Inferred	

Note 1: Rounding errors may occur

Note 2: SIHAYO resource JORC estimate completed by Runge Limited. Competent person, Rob Williams

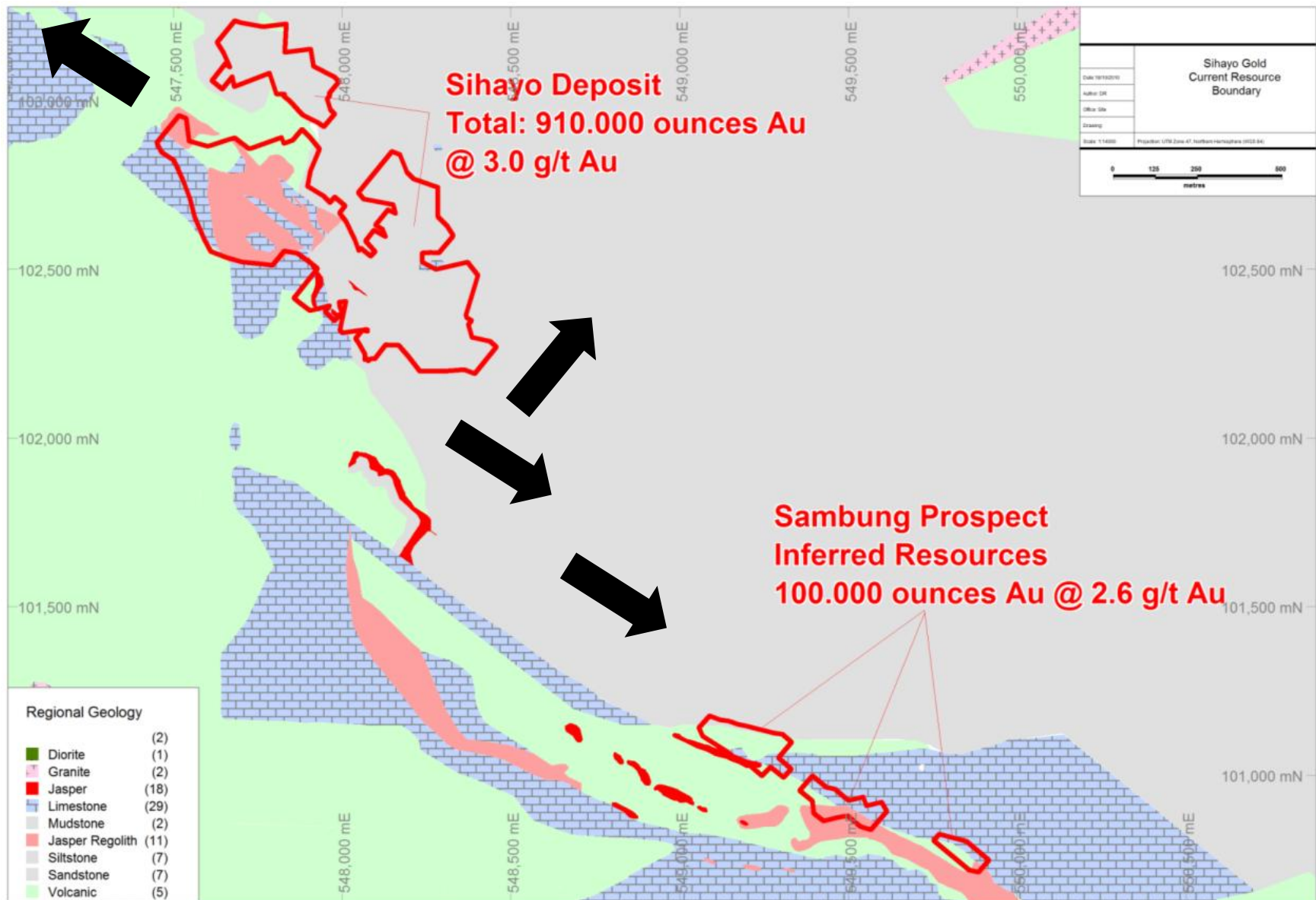
Note 3: SAMBUNG resource JORC estimate completed by Mining Assets Pty Ltd. Competent person, Clay Gordon

## Expected JORC updates Nov/Dec 2010 and Feb/March 2011

**Sihayo - Sambung Resource: 45,882m total drilling**

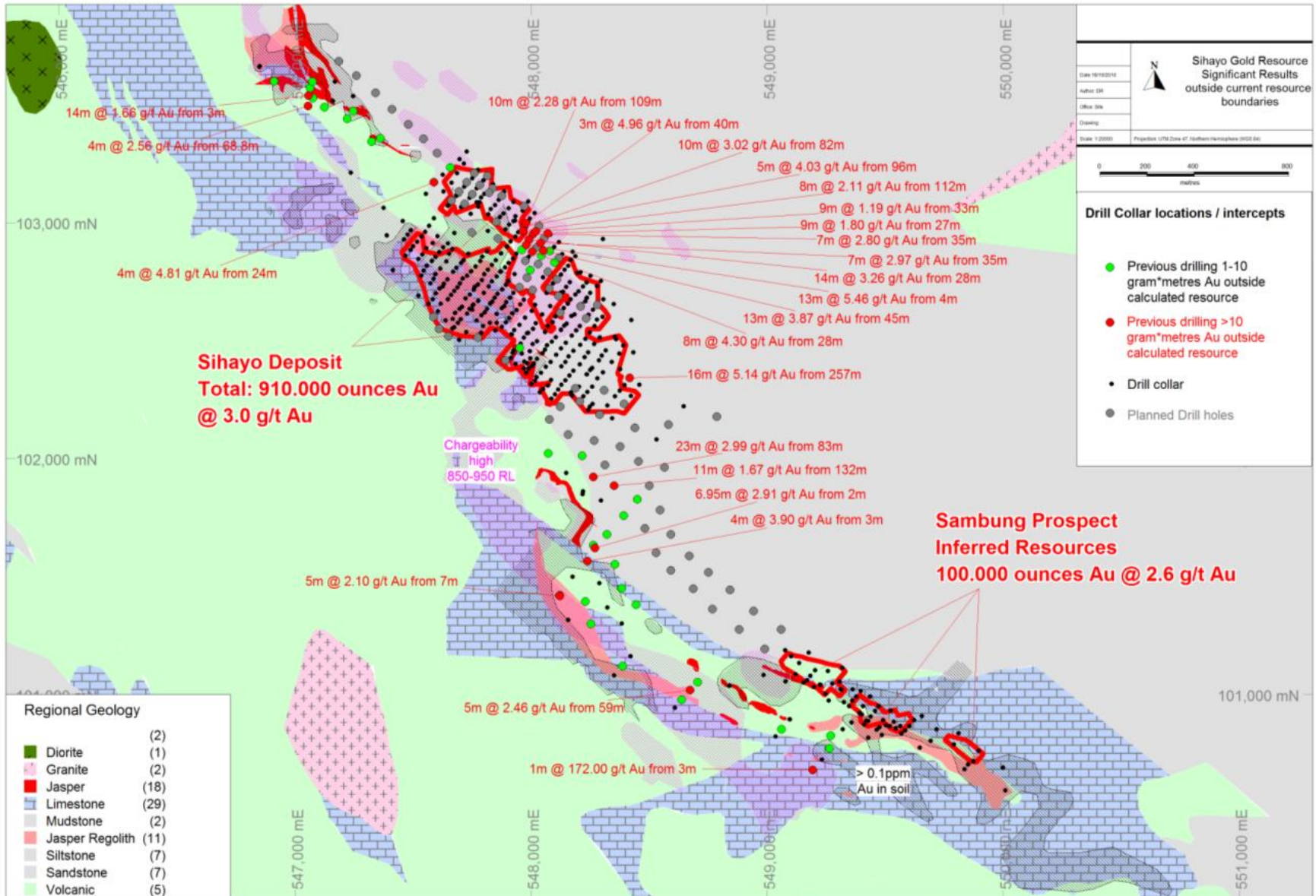
# 1 Moz JORC Indicated and Inferred

Main Sihayo resource: 910koz @ 3.0 g/t Au



# 1 Moz JORC Indicated and Inferred

## Increasing the resource along strike - NW and SE





# **Sihayo Pungkut Project**

**Scoping Study (SRK)** Dec 2008

## **Sihayo and Sambung Resources**















- **Cash Cost base of US\$440 per oz**
- **CAPEX of the order of US\$75m**
- **10 year mine life with annual through put of 1 Mtpa**
- **Two open cut pits with low stripping ratio of 3.8 to 1**
- **Simple CIL metallurgy with estimated recoveries approx 80%**
- **Estimated production of 60-70,000 oz per annum**

**Technically and economically viable at US\$800/oz**

# Sihayo Pungkut Project

## Definitive Feasibility Study sets timeline

*Aim to deliver DFS outcomes by end 2010*

Project Time Line	Dec Q 2010	March Q 2011	June Q 2011	March Q 2012	June Q 2012
Definitive Feasibility Study					
Indonesian Enviro & Social Studies					
Govt Indonesia Feasibility Study					
Indonesian Forestry Permits					
Project Financing Debt & Equity					
Construction Starts					
Commissioning Starts					

**Timing of Indonesian permits is key variable**

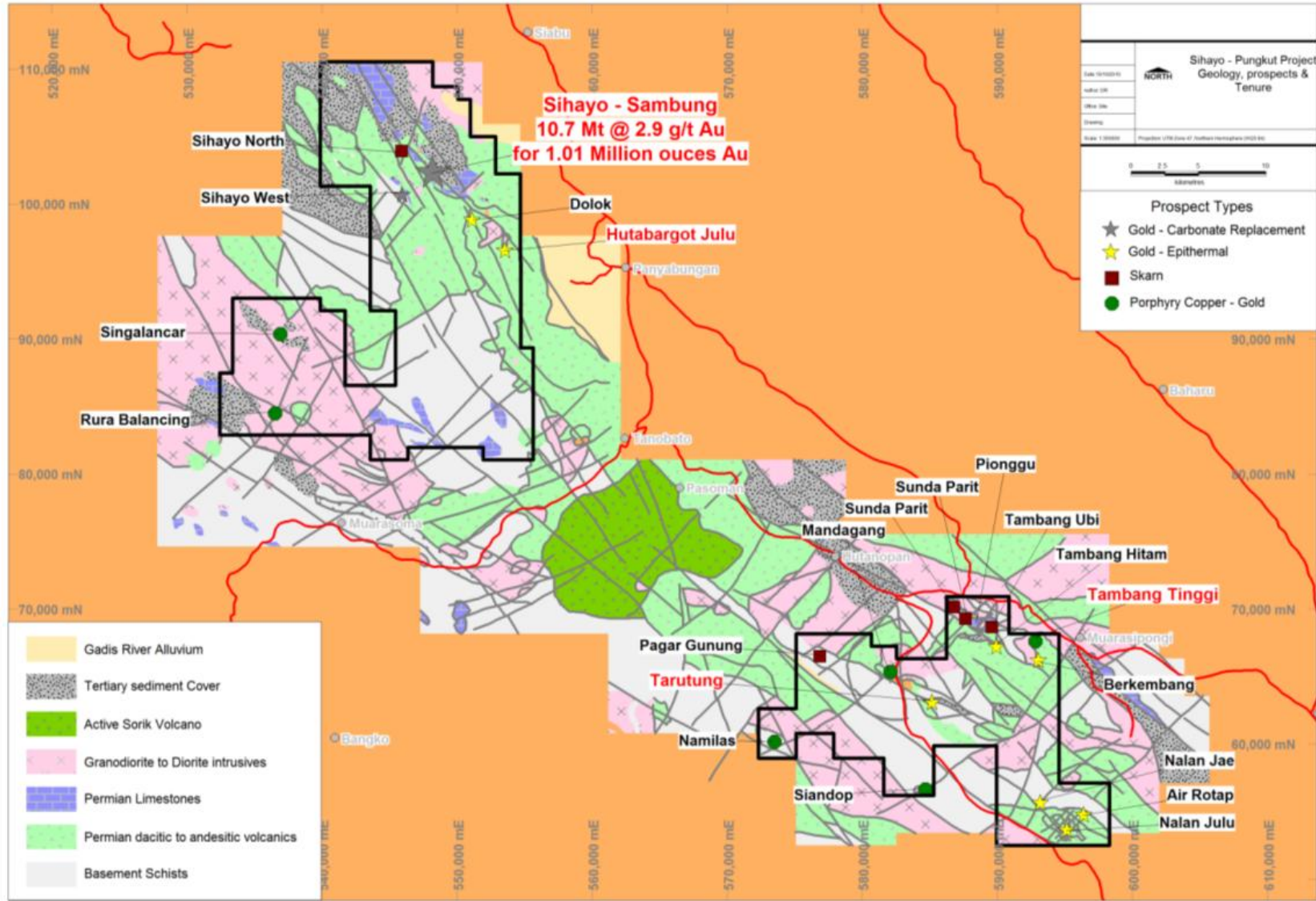
# 3. Exploration upside across COW

**20 plus identified prospects have the potential to host substantial mineralisation**

- **Carbonate replacement “Jasper” gold** - similar to known Sihayo indicated resource
- **Epithermal vein gold** - recommended for potential high grades and complimentary feed for known resources
- **Porphyry copper / gold** - potential for massive stand alone operations
- **Skarn copper / gold** - have exhibited high grades over large intervals and close to existing infrastructure
- **Other base metals** – lead, zinc, copper, silver prospect discovered in 1980’s

**Prospects could deliver “game changer”**

# Exploration prospects – COW area 66,200ha



# Exploration upside across COW

## Selected historic results

Prospect	Prospect Type	Sample Type	Sample Result
Hutabargot Julu	Low sulphidation epithermal quartz veins	Drilling	5m @ 37.7 g/t Au, 198 g/t Ag
Tambang Tinggi Area	Altered fine grained granite with quartz veining	Drilling	112.6 m @ 1.52 g/t Au from surface, including 25m @ 4.58 g/t Au from 31m
	Low sulphidation epithermal quartz veins	Trenching Drilling	18m @ 7.45 g/t Au 1m @ 10.1 g/t
	Skarn Au – Cu	Production Drilling	102kt @ 6.2 g/t Au, 2.8 g/t Ag and 0.24% Cu 4m @ 3.42 g/t Au
Tarutung	Bonanza grade epithermal vein mineralisation	Trenching Quartz vein float , outcrop	5m @ 57.7 g/t Au, 312 g/t Ag up to 167 g/t Au, 384 g/t Ag, up to 452 g/t Au, 2,460 g/t Ag
Mandagang	Porphyry Cu – Au - Mo	Trenching	Maxima 0.9 g/t Au, 0.08% Cu, 500ppm Mo
Namilas	Porphyry Cu – Au - Mo	Trenching	Maxima 0.3 g/t Au, 0.16% Cu, 223ppm Mo
Pagar Gunong	Cu – Pb – Zn - Ag	Non JORC	0.8mt @ 0.45% Cu, 1.2% Pb, 4.6% Zn, 68 g/t Ag

# Exploration upside across COW

## Selected historic results

Prospect	Prospect Type	Sample Type	Sample Result
Dolok	Jasperoid style, epithermal vein	Trenching	3m @ 1.77 g/t Au
<b>Sihayo 4</b>	<b>Jasperoid style mineralisation</b>	<b>Outcrop and float</b>	<b>Maxima 16.5 g/t Au</b>
<b>Sihayo 5</b>	<b>Epithermal veins and highly altered and silicified rocks</b>	<b>Outcrop and float</b>	<b>Maxima 35.8 g/t Au, 25 g/t Ag</b>
<b>Air Rotap</b>	<b>Epithermal vein potential</b>	<b>Float</b>	<b>634 g/t Au, 2653 g/t Ag</b>
Nalanjulu	Epithermal vein potential	Float	29.6 g/t Au, 369 g/t Ag
<b>Singalancar</b>	<b>Porphyry style potential</b>	<b>Rock chip</b>	<b>5.12 g/t Au, 319 g/t Ag, 13.7% Zn, 0.62% Cu</b>
Rura Balancing	Porphyry style potential	Outcrop / stream float	Max 0.57% Cu, 2,280 ppm Mo and 0.19 ppm Au

**Prospects could deliver “game changer”**

## 4. COW - project value comparisons

		<b>G-Resources (1051 HK)</b>	<b>Sihayo Gold (SIH AU)</b>	<b>Archipelago (AR LN)</b>	<b>Kingsrose (KRM AU)</b>
Market Capitalisation	USD m	900	113	320	255
JORC Resource	Moz Au eq	7.0	1.0	1.7	0.23
Cut Off Grade	g/t	0.5	1.2	1.0	2.5
JORC Resource Grade	g/t Au eq	1.6	2.9	3.9	10.6
Estimate Capital Cost	USD m	380	75	130	30
Annual Production	Au eq oz	240,000	70,000	160,000	45,000
Cash Costs Production	USD / oz	285	440	360	170
Estimate Mine Life	Years	8	8	8	4
Forecast Production	Year	2011	2012	2011	2010
Contract of Work	Generation	6 <sup>th</sup>	7 <sup>th</sup>	6 <sup>th</sup>	4 <sup>th</sup>
Project Ownership		95%	75%	85%	85%

# 5. Conclusion

- **Strong board and management team**
- **1 Moz JORC Indicated resource and growing**
- **COW contains significant exploration upside**
- **DFS end of 2010 and clear path to production**
- **Significantly undervalued versus peers**





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