



# SUMATRA

## COPPER & GOLD

ASX Code: SUM

*Building Indonesia's next gold-silver producer*

*Precious Metals Summit, Zurich – November 2013*

# Disclaimer

## Disclaimers, Competent Person's Statement and gold equivalent reporting



- This document is prepared as a presenter's aid and support. It is not a stand alone document. Best efforts have been taken to ensure the accuracy of information contained at the time of presentation. In some instances forward targets and/or assumptions have been included. All such instances are indicative only and subject to alteration and/or cancellation as and when the management of Sumatra Copper & Gold plc (ABN 14 136 694 267) sees fit. All information contained herein is general in nature.
  - Potential investors are cautioned against using the content of this presentation in isolation for making investment decisions.
  - Research and the counsel of a qualified financial adviser or accountant are strongly recommended to anyone considering investing in listed company securities, including Sumatra Copper & Gold plc.
  - The information in this report that relates to Exploration Results is based on information compiled by Matthew Farmer, geologist, who is a Member of the Australasian Institute of Mining and Metallurgy. Mr. Farmer is an employee of the Company who has sufficient experience which is relevant to the styles of mineralisation and types of deposit under consideration and to the activity which he 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. Farmer has consented to the inclusion in this document of the matters based on his information in the form and context in which they appear.
  - The information in this report that relates to Tembang Mineral Resources is based on information compiled by Mr David Stock MAusIMM who is an independent Geological Consultant to the Company and is a Competent Person as defined by the Australasian Code for the reporting of Exploration Results, Mineral Resources and Ore Reserves (the JORC Code 2004 Edition) and has consented to the inclusion in this report of the matters based on his information in the form and context in which they appear. In addition, the Mineral Resource Estimates were reviewed by Mr. Robert Spiers who is a member of AIG and a full time employee of Hellman & Schofield Pty Ltd. Mr. Spiers has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he 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. Spiers has consented to the inclusion in this report of the matters based on their information in the form and context in which it appears.
  - The information in this report that relates to Tembang Ore Reserves is based on information compiled by Mr Shane McLeay of Entech Pty Ltd, who is a Member of the Australasian Institute of Mining and Metallurgy. Mr McLeay has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he 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 McLeay consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.
- ### Gold Equivalent reporting
- Gold Equivalent = gold assay + (silver assay / 50) where the number 50 represents the ratio where 50 g/t Ag = 1 g/t Au. This ratio was calculated from the average of the 12 months of Financial Year 2011 from July 2010 to June 2011 taken from published World Bank Commodity Price Data and rounded up from 47 to 50. The metal prices thus used in the calculation are the average gold price of US\$1,500 per ounce and average silver price of US\$30 per ounce. Metal recoveries assumptions are 90% for gold and 80% recovery for silver for Belinau.

# Corporate Snapshot

An emerging low-cost gold producer with powerful partners

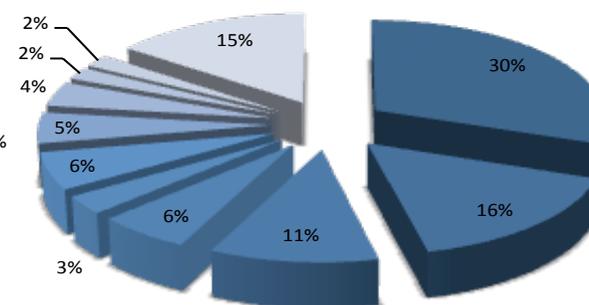


## Corporate

ASX Code	SUM (Listed Nov 2009)
Shares/CDI's issued	414.5M
52 week high/low	A\$0.235 – A\$0.105
Share Price	A\$0.11
Market Cap	~\$45.6M
Debt	\$0M
Ave daily volume	~305,000
Cash on Hand (30 Sept 2013)	A\$9.4M
Enterprise Value	\$36.2M

## Top 10 Shareholders – 78%

- Provident Minerals (Singapore) - 31%
- PT Saratoga Investama Sedaya (Jakarta) - 16%
- Goldstar Mining Asia (Jakarta) - 11%
- Mr. Yaw Chee Siew (Singapore) - 6%
- Directors & Management - 3%
- HSBC Custody Nominees (Sydney) - 6%
- National Nominees (Melbourne) - 5%
- Citicorp Nominees (Melbourne) - 4%
- ABN AMRO Clearing (Sydney) - 2%
- UOB Kay Hian Private (Singapore) - 2%
- Other - 15%



Shareholding as at 28 October 2013

## Major Shareholders

### PT Saratoga Investama Sedaya

A leading private equity firm founded by Indonesian Businessman Edwin Soeryadjaya and Sandiogo Uno, focusing on growth capital and special situation investments.

### Provident Minerals Pte Ltd

Major private investment house with substantial interests in many leading Indonesian businesses in partnership with Saratoga Capital, including Tower Bersama Infrastructure. Cornerstone investor in several ASX-listed Indonesian resource companies including Sumatra Copper & Gold, Finders Resources and Sihayo Gold.

### Goldstar Mining Asia Resources

Mr Garibaldi Thohir, Indonesian billionaire, ranked by Forbes as country's 18<sup>th</sup> richest man, founder, President and Director of leading Indonesian coal company Pt Adaro Energy Tbk.

# Investment Highlights

An emerging low-cost gold producer with powerful partners



## Key Asset: Tembang Gold-Silver Project

- **Brownfields:**
  - *Established Tailings Storage Facility, infrastructure*
  - *Civils in place from previous plant,*
  - *Known, good metallurgy*
- **High Grade:**
  - *Open pit and underground*
  - *Low cash costs*
- **Low Capital Intensity:**
  - *~ US\$38.5M capital cost <sup>(1)</sup>*
  - *Low forecast C<sub>3</sub> costs*
  - *Good infrastructure*
- **Multiple Feed Sources:**
  - *Low production risk*

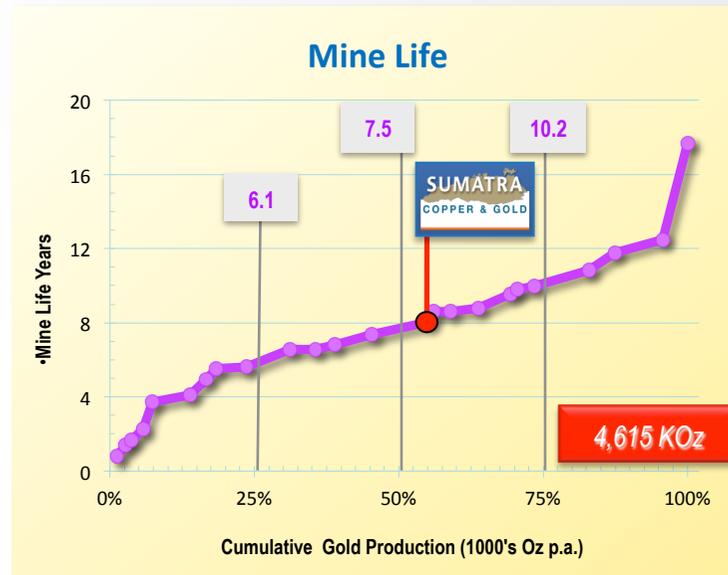
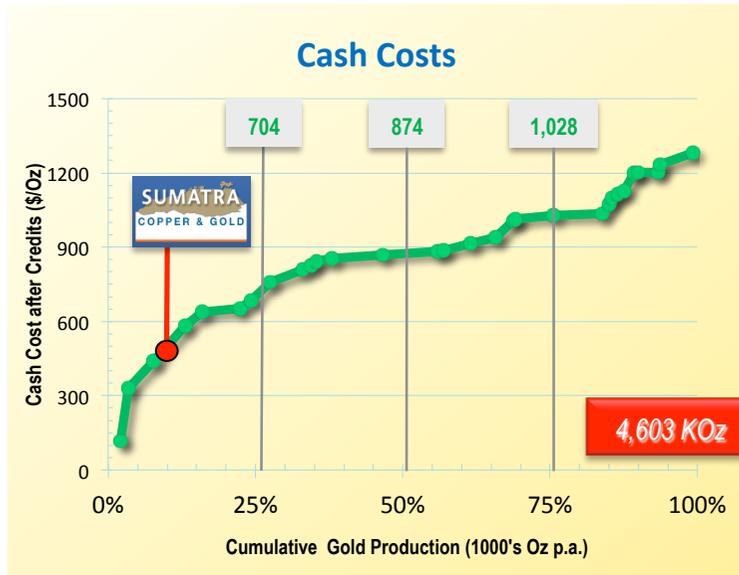
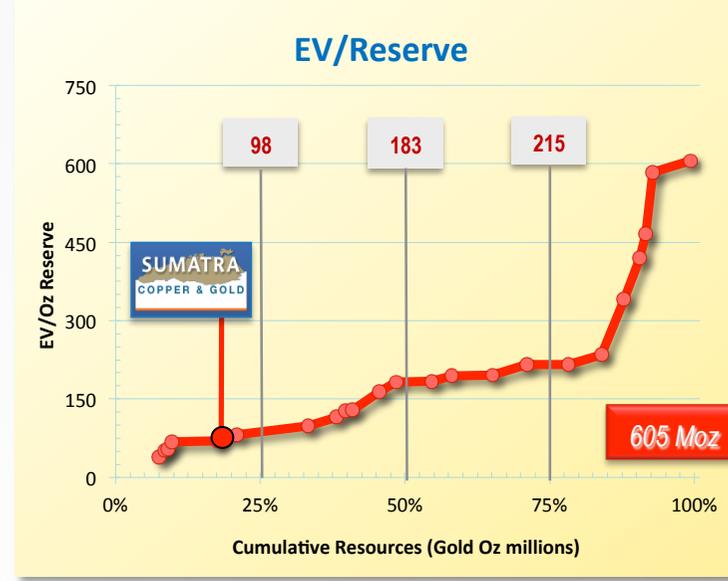
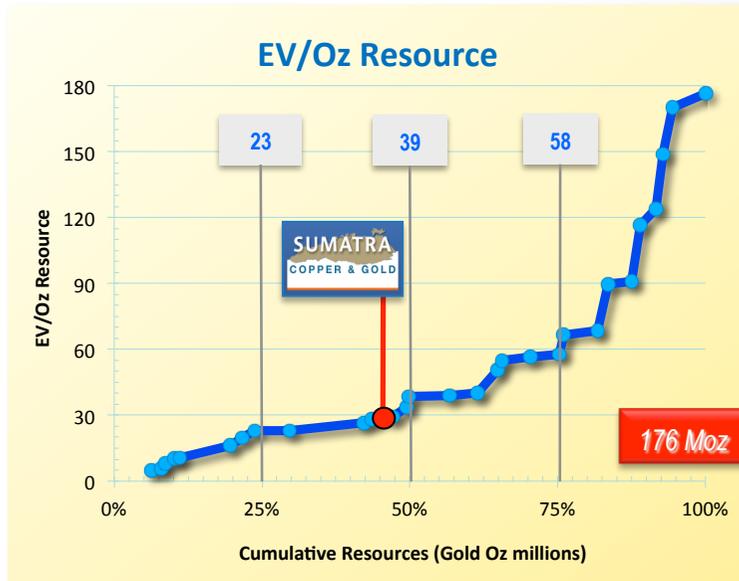
## Political Risk Management

- **Management**
  - *Founder Adi Sjoekri is Indonesian*
  - *Majority of management Indonesian*
  - *Key expatriate Australians with extensive Indonesian experience injected into the team*
- **Tenure**
  - *2009 Mining Law, IUP Exploitation License Granted, fully permitted*
  - *Full support of regional Government*
  - *Forestry License granted*
  - *6 years working with local community*
- **Local Partners**
  - *Three Indonesian Billionaires as major shareholders (>50%)*

1) US\$38.5M as published in Sept 2013 DFS Study, Total Cash Drawdown of US\$44 million. The cost will be updated as part of new Optimised Life of Mine plan in Q4, 2013.

# Comparative Metrics – ASX Gold Producers

Data for determining Comparative Data Values has been obtained from the Goldnerds Database



## Metrics for Sumatra (see note 1)

EV/Oz Resource	29
EV/Oz Reserve	70
Cash Costs	478
Mine Life	8+

## Notes to Comparative Metrics:

- The data used in these tables has been taken from the Goldnerds database 14 October 2013 which is published monthly by [www.goldnerds.com.au](http://www.goldnerds.com.au).

- The Goldnerds has been filtered to only include producers; although Newcrest, AngloGold Ashanti have been excluded from the database as these are not realistic comparisons.

- For EV/Reserve, Kingsrore and Reed Resources has been excluded from the database as it does not have published Reserves.

- Tribune Resources, and Rand Mining, has been excluded from all graphs as it has a negative EV valuation.

- Mine Life has been calculated by dividing current stated Reserves by current annual production.

# The Tembang Timetable

On track for production in 2014

2010 / 11

## ACHIEVED

- ✓ 100% ownership of 7 exploration permits (IUPs) across 3,200km<sup>2</sup>



1H 2012

## ACHIEVED

- ✓ Amdal Permitting
- ✓ 20-year Mining Licence granted
- ✓ Tembang Stage 1 PFS
- ✓ 0.5Moz AuEq Reserve
- ✓ Expansion of production management team



2H 2012

## ACHIEVED

- ✓ Indonesian cornerstone investment partner
- ✓ Tembang Stage 1 DFS
- ✓ Tembang Stage 2 PFS
- ✓ In-principle Forestry Licence granted



2013

## TARGETED

- ✓ Project finance
- ✓ Equity raise
- ✓ Full Forestry Permitting
- ✓ Start of construction



2014

## TARGETED

- Start of production and cash flow



# Tembang Location and Infrastructure

Brownfields project located close to existing mines, power, gas, roads, ports and airports



# Tembang Project – Overview

Low-risk, staged development – open pit and underground

## Project Background

- ✓ Brownfields – previously mined in 1996-2000
- ✓ SUM pegged the ground in 2006 – acquiring 100,000m drilling database
- ✓ Additional 64,000m of diamond drilling completed to date

## Development: Key Points

- ✓ Low Risk Project – 2-stage development, known metallurgy and geotechnical issues
- ✓ Combination of Open Pit & Underground
- ✓ Excellent Metallurgy
- ✓ Conventional process flow sheet



# The Flagship: Tembang Copper-Gold Project

A robust, low-cost project on track for production in 2014

- Located in **South Sumatra**, Indonesia
- **100 per cent owned** under 2009 Indonesian Mining Laws
- Previously mined, **producing 140koz** in 1997-2000 (closed when gold was <A\$270/oz)
- Proven and Probable Reserves = **0.4Moz gold + 5.5Moz silver**<sup>1</sup>
- JORC resources of **~1Moz of gold + 12.8Moz of silver**
- **Stage 1 DFS and Stage 2, PFS published in Sept 2012:**  
**May 2013 decision to optimise mine plan**
- **LOM optimisation currently nearing completion**<sup>(3)</sup>:
  - **10,000m drilling completed**
  - **Optimised Mine Plan to schedule higher grade Buluh ahead of lower grade Asmar deposit**
  - **Geotechnical, metallurgical and geo-hydrological studies for Buluh all completed, to upgrade PFS to DFS**

Note 1: see Appendix 1B on page 31 for a full statement of Tembang Project reserves subject to completion of updated mine plan in Q4 2013

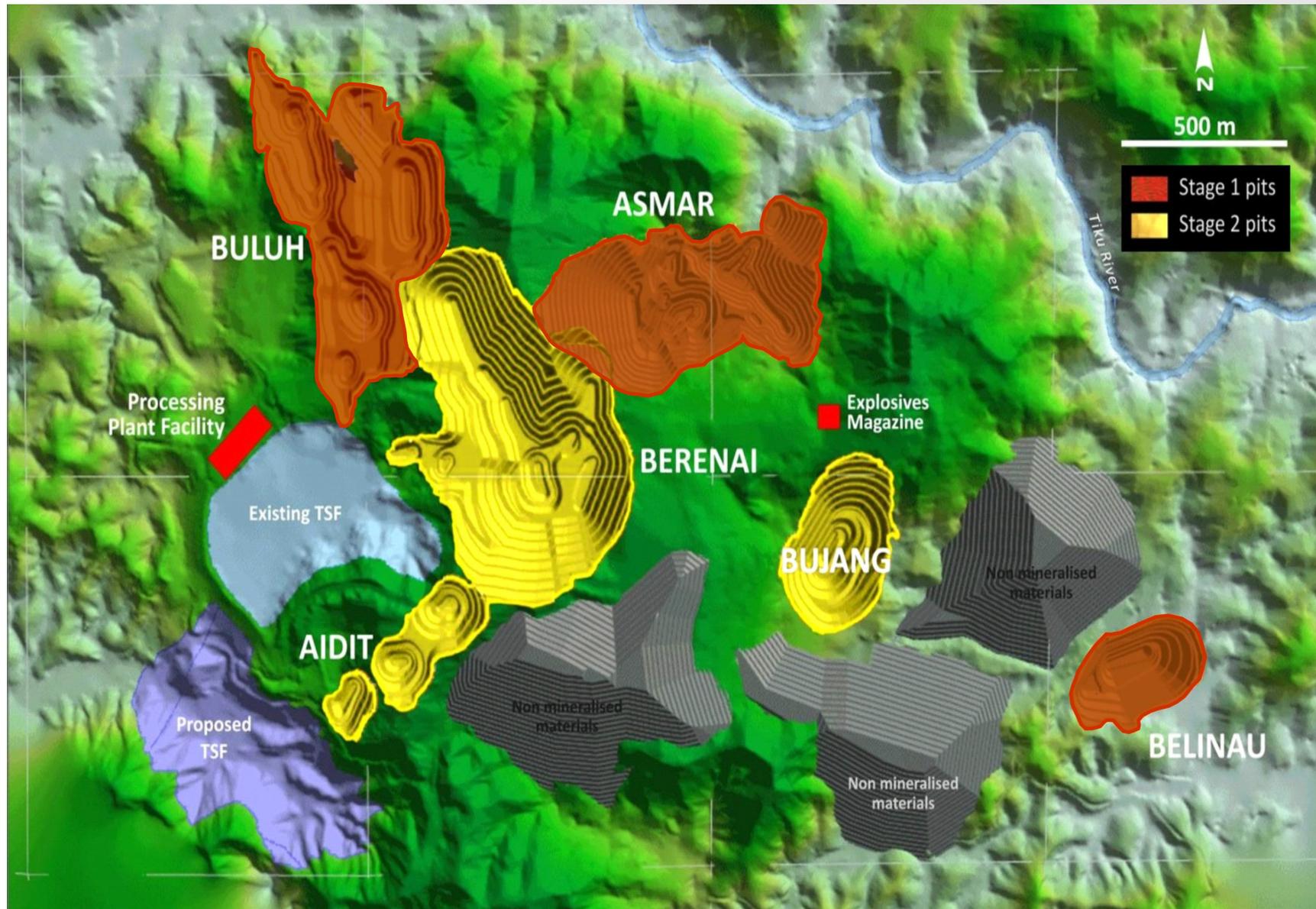
Note 2: See Appendix 1A on page 30 for a full statement of Tembang Project resources. Resources will be subject to revision from the drilling as part of the optimisation of the mine plan

Note 3: ASX Announcement, 17<sup>th</sup> Sept 2013, "Tembang Project Update"



# Tembang Mine

Stage 2 – plan view

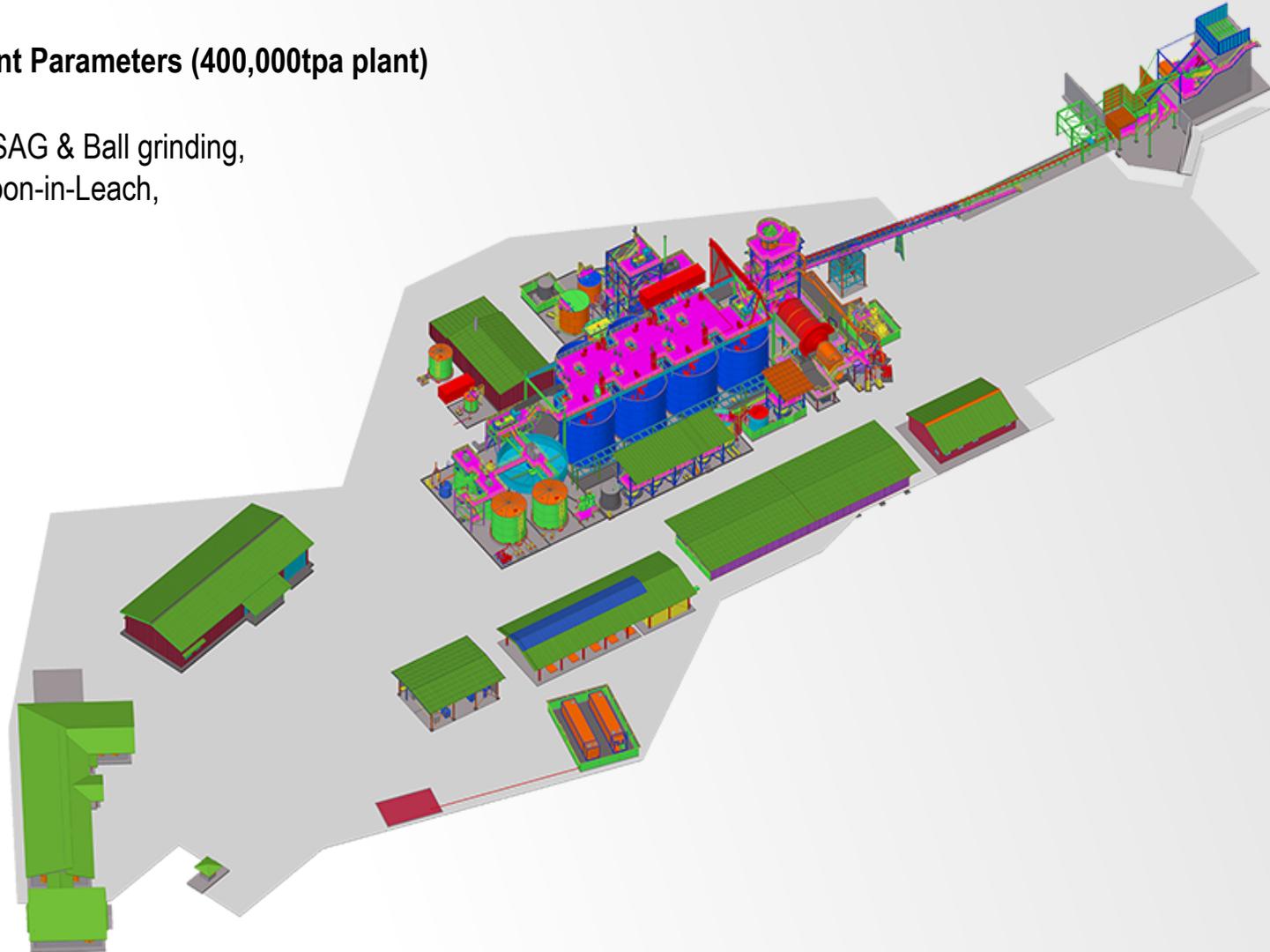


# Tembang Mine

## Process plant

### Stage 1 – Process Plant Parameters (400,000tpa plant)

Single stage crushing, SAG & Ball grinding,  
gravity separation, Carbon-in-Leach,  
AARL carbon stripping  
tails thickening,  
cyanide detoxification



Stage 1 Process Plant

*Note 1: Gold Equivalent is based on Gold Price of US\$1,500 /Oz and Silver price of US\$30 per Oz and silver recovery of 80%*

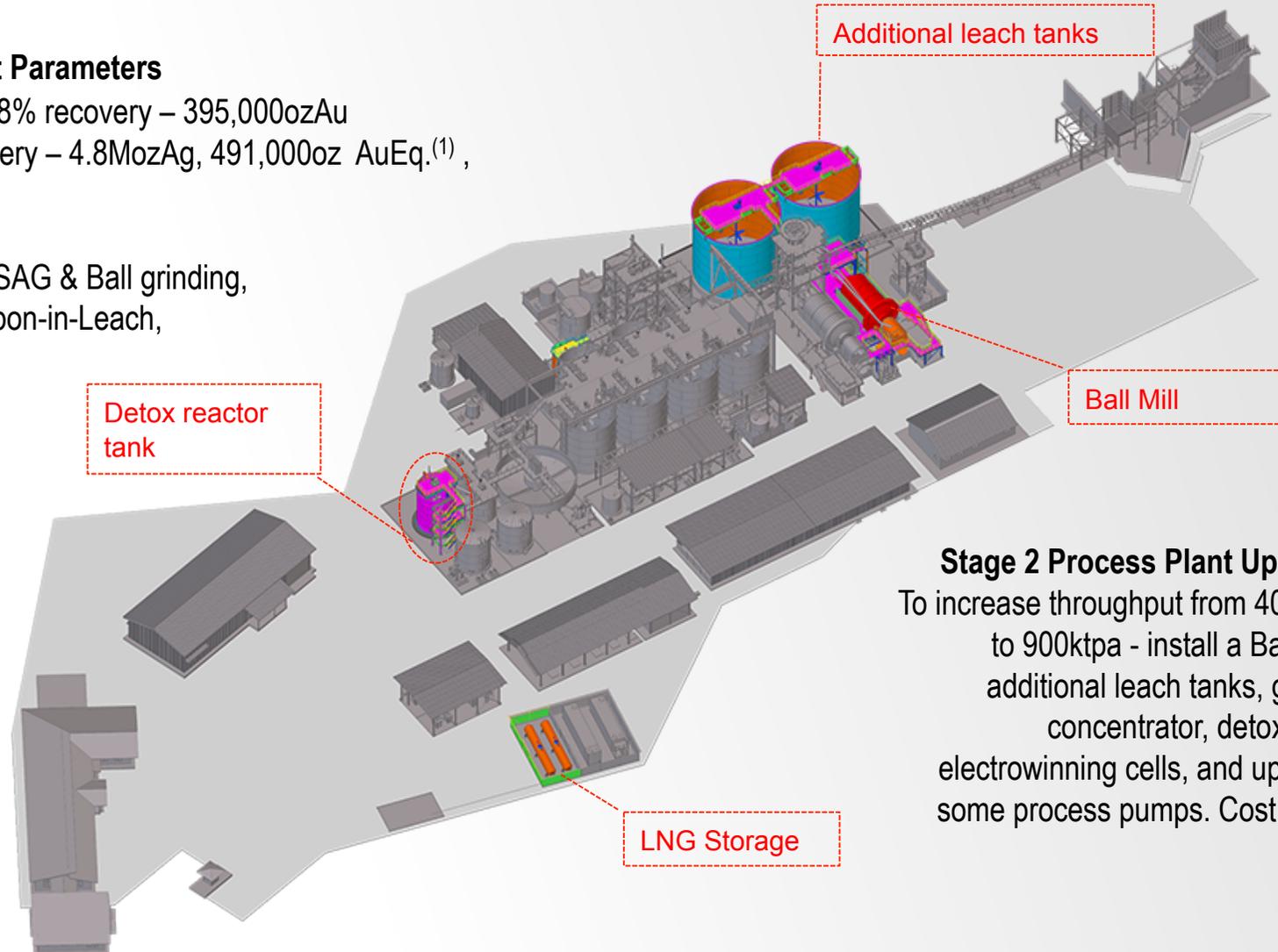
# Tembang Mine

## Process plant

### Stage 2 Process Plant Parameters

6.05Mt @ 2.30g/t Au, 88% recovery – 395,000ozAu  
30.18g/t Ag, 82% recovery – 4.8MozAg, 491,000oz AuEq.<sup>(1)</sup>,  
8-year mine life.

Single stage crushing, SAG & Ball grinding,  
gravity separation, Carbon-in-Leach,  
AARL carbon stripping  
tails thickening,  
cyanide detoxification



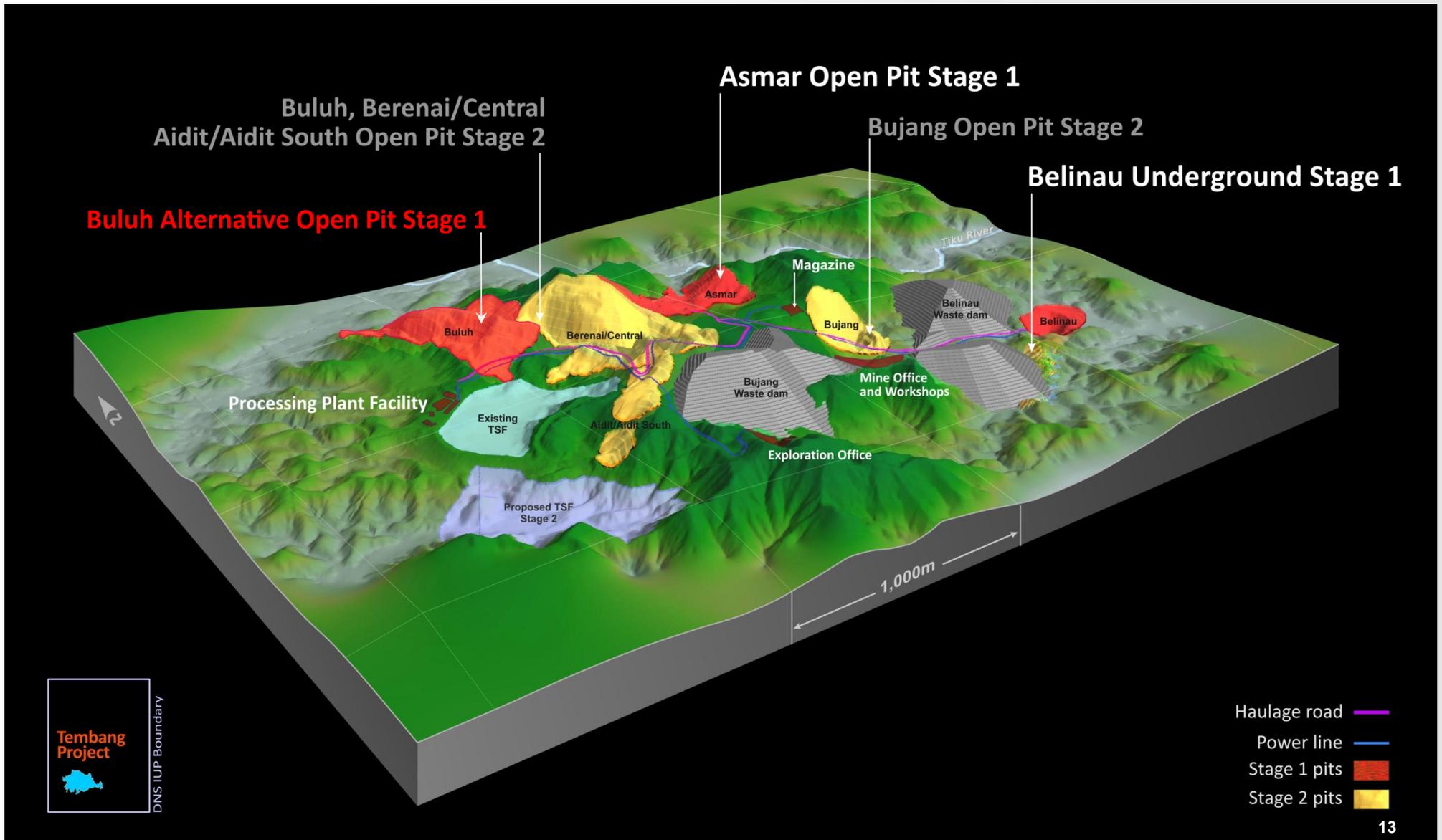
**Stage 2 Process Plant Upgrade**  
To increase throughput from 400ktpa to 900ktpa - install a Ball mill, additional leach tanks, gravity concentrator, detox tank, electrowinning cells, and upgrade some process pumps. Cost \$10M

Stage 2 Process Plant

*Note 1: Gold Equivalent is based on Gold Price of US\$1,500 /Oz and Silver price of US\$30 per Oz and silver recovery of 80%*

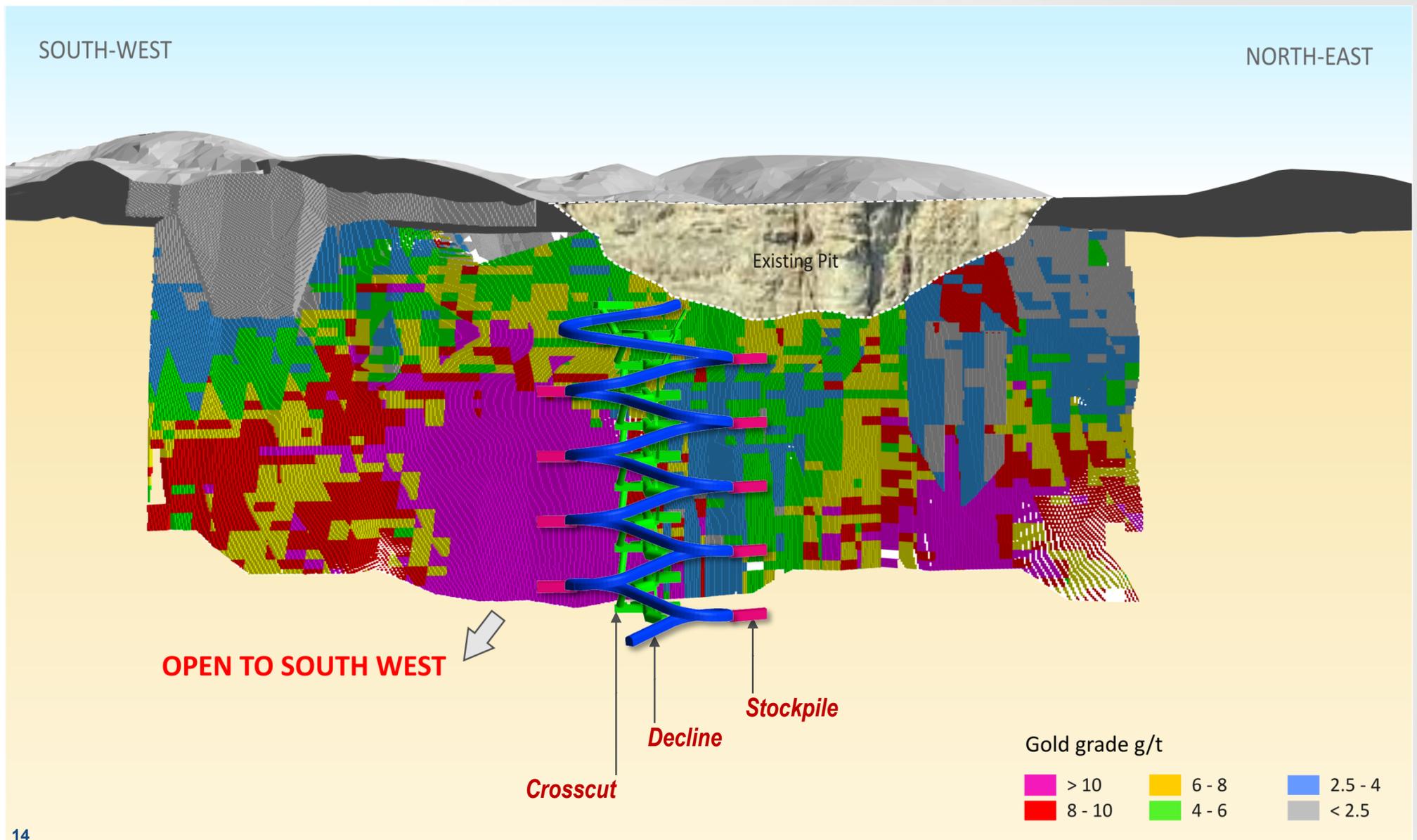
# Tembang Project – Mine Layout

Stage 1 and Stage 2



# Belinau Underground

Stage 1 – Long Section 3D view



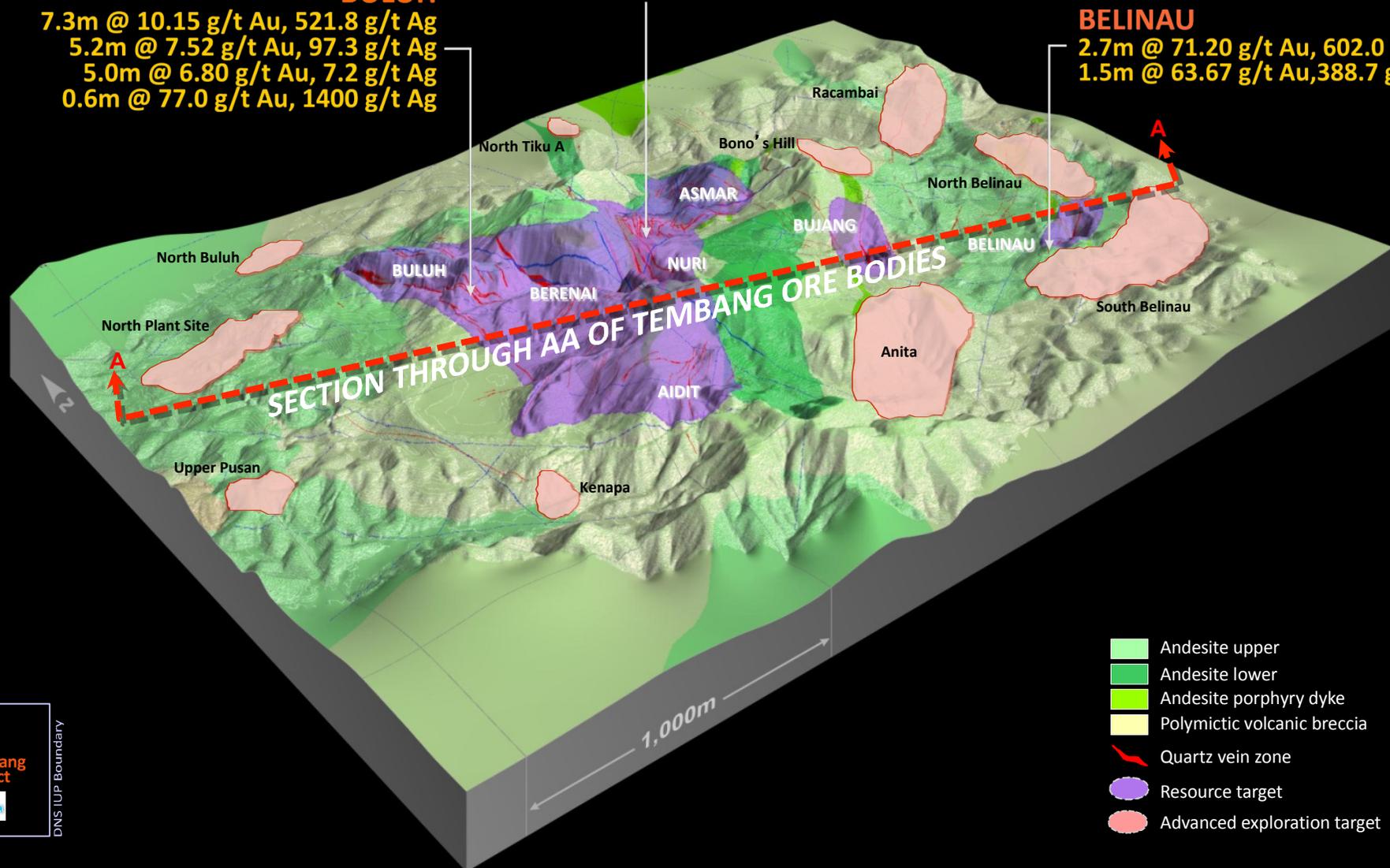
# Tembang Exploration

Near-mine targets offering excellent growth potential

**BULUH**  
7.3m @ 10.15 g/t Au, 521.8 g/t Ag  
5.2m @ 7.52 g/t Au, 97.3 g/t Ag  
5.0m @ 6.80 g/t Au, 7.2 g/t Ag  
0.6m @ 77.0 g/t Au, 1400 g/t Ag

**ASMAR DEEP**  
4.9m @ 6.16 g/t Au, 59.8 g/t Ag

**BELINAU**  
2.7m @ 71.20 g/t Au, 602.0 g/t Ag  
1.5m @ 63.67 g/t Au, 388.7 g/t Ag

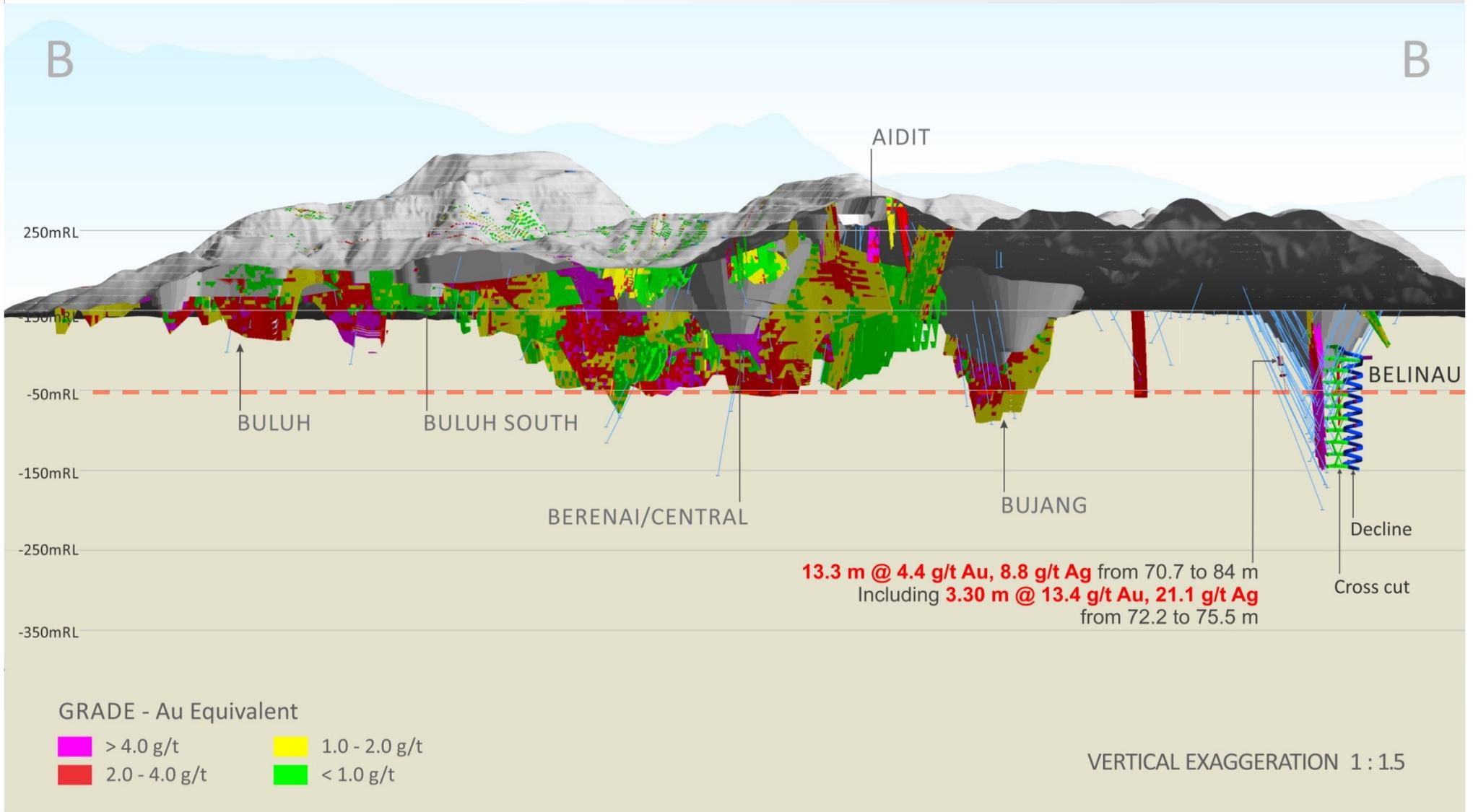


- Andesite upper
- Andesite lower
- Andesite porphyry dyke
- Polymictic volcanic breccia
- Quartz vein zone
- Resource target
- Advanced exploration target



# Tembang Exploration

Ore model 3D perspective and drill-hole traces



# Summary: Sumatra Copper and Gold – The Next 3 Years

On track for production in 2014

2013	2014	2015	Blue Sky
<b>Major Milestones</b> <ul style="list-style-type: none"><li>✓ Equity Raise (A\$20 million)</li><li>• Optimise Mine Plan</li><li>• Project Debt</li><li>• Hedging for Debt</li><li>• Complete Financing</li><li>• Project on Schedule for Production in 2014</li></ul>	<b>Project Targets</b> <ul style="list-style-type: none"><li>• Commercial Ramp-Up - H<sub>2</sub></li><li>• Achieve Steady State Operation</li><li>• Integrate Optimisation Initiatives for Stage 2</li></ul>	<b>Strategic Focus</b> <ul style="list-style-type: none"><li>• Stage 2 – Plant Upgrade</li><li>• Determine High Grade Exploration Upside at Depth</li><li>• Maximize Tembang Value</li></ul>	<b>Opportunities</b> <ul style="list-style-type: none"><li>• Indonesian Gold</li><li>• Strong Cash Flow</li><li>• Leverage Shareholder Base &amp; Indonesian expansion opportunities</li></ul>



# Summary – Investment Case

*A compelling investment opportunity*

## Corporate

- ✓ Emerging gold producer in prolific Sumatra with 7 IUPs – 100% project ownership under 2009 Mining Laws
- ✓ Indonesian cornerstone investment partners
- ✓ Experienced Board & management team with track record of discovery, development & production

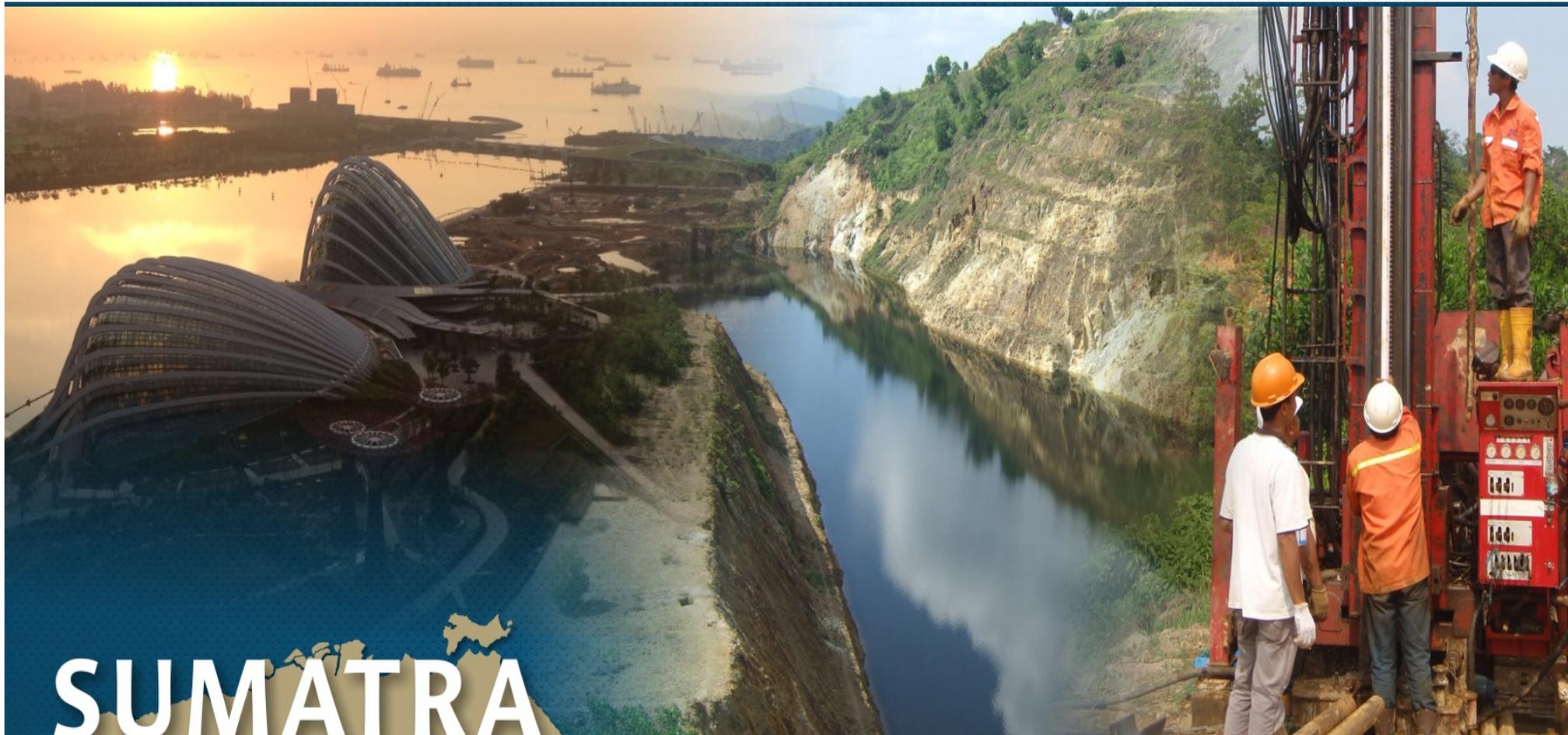
## Highly-Profitable, Low-Risk Mining Operation at Tembang

- ✓ Production on-track to commence 2014
- ✓ Strong project economics – low mining and pre-production capital costs
- ✓ Achieved AMDAL and Mining Licence; Forestry Permitting on-track
- ✓ Low EV/Resource, well below peers

## Upside

- ✓ Significant exploration upside at Tembang
- ✓ Ongoing exploration potential at Newcrest JV, Tandai and greenfield projects, future deal flow from Indonesian Shareholders





# SUMATRA

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# SUMATRA

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*Appendices — Investor Update — November 2013*

# Board and Management

Strong Indonesian experience and extensive project development expertise



**Steve Robinson** *Economics Cum Laude, B.Sc. Agricultural Economics, Rhodes Scholar – Non-Executive Chairman*

Mr Robinson is an experienced Australian mining executive, Rhodes Scholar and the founding Director of independent corporate advisory firm Lincoln Capital and has extensive international experience at senior executive levels within the mining industry.



**Julian Ford** *BSc (Eng), BCom, Grad Dip (Bus. Mgt) – Managing Director*

+25 years experience; previously co-founder of Zambezi Resources and senior executive at several mining companies.



**Adi Sjoekri** *BSc, MSc, MBA (Management) – Director (Government Liaison, Permitting, Forestry)*

Founder of Sumatra Copper & Gold in 2006. +17 years corporate mining experience, working for major companies such as CSR and Newmont;



**Gavin Caudle** *BCom, Finance & Law, Chartered Accountant – Non-Executive Director*

Founder of Provident Capital Partners Pte Ltd. 20 years experience in finance and investment sectors in Australia, Singapore and Indonesia



**Jocelyn Waller** *MA (Hons) (Cantab) – Non-Executive Director*

Co-founder of Sumatra Copper & Gold with Adi Sjoekri – in 2006; founded Avocet Mines in 1995 which operated in Malaysia and Indonesia. Currently Non-Executive Director – RusAnt Ltd.



**David Fowler** *B.Bus. Chartered Accountant, Post Grad Dip Finance & Investment – CFO*

Mr Fowler is a highly experienced corporate finance executive with over 20 years of experience working in the mining industry in South America, Australia and Asia.

# Board and Management

Strong Indonesian experience and extensive project development expertise



**Don Harper** *B.Eng (Mining Engineering), B.Surv (Surveying), FAusIMM – Chief Operating Officer*

Qualified mining engineer with +21 years' experience; specialist in narrow-vein underground gold mining. Strong track-record in project management and taking resource projects from pre-feasibility into production.



**Grant Harding** *B.AppSc, FAusIMM – General Manager, Projects*

Qualified extractive metallurgist with +25 years experience, specialist in gold and silver process plants. Extensive senior operational, engineering and project management experience, principally in Indonesia.



**Ali Ahmid** *BTEC (Chemistry), M Env Mgm – General Manager Environment and Community Relations*

Responsible for local and regional Government liaison, environmental compliance, and liaison and communication with local communities. 20+ years experience, 15+ years at Kelian Gold Mine with Rio Tinto.



**Budin Umar** *B.Env Sc., B.Eng (Geology), AusIMM – General Manager, Tembang*

Responsible for mining, process, environment, community and administration activities. 30+ years of experience as a Mining Geologist.



# Other Projects

Active exploration programs underway across Sumatra

## Tandai Project

- (30% SUM, 70% Newcrest)
- Exploration JV project with Newcrest

## Sontang Project

- (100% SUM)
- High-grade exploration project

## Other greenfield projects

- (100% SUM)
- Exploration IUPs covering more than 1,370km<sup>2</sup>



# APPENDIX:

## 1A: Tembang Project Resource

### Belinau Vein Above 2.78g/t Au Underground Cut-off

BELINAU VEIN	Category	Ktonnes	Au g/t	Ag g/t	Au koz	Ag koz
	Measured	149	7.22	75.5	35	361
	Indicated	266	8.02	67.9	69	580
	Inferred	72	10.50	81.4	24	188
	<b>Sub-Total</b>	<b>487</b>	<b>8.14</b>	<b>72.2</b>	<b>127</b>	<b>1,130</b>

### All Veins Excluding Belinau Above 0.5g/t Au Open Pit Cut-off

OTHER VEINS	Category	Ktonnes	Au g/t	Ag g/t	Au koz	Ag Koz
	Measured	2,598	2.27	37.8	190	3,156
	Indicated	4,423	1.80	25.6	256	3,637
	Inferred	3,554	1.80	20.3	202	2,319
	<b>Sub-Total</b>	<b>10,575</b>	<b>1.91</b>	<b>26.8</b>	<b>648</b>	<b>9,112</b>

### PSV Material Above 0.3g/t Au Open Pit Cut-off

PSV	Category	Ktonnes	Au g/t	Ag g/t	Au koz	Ag Koz
	Measured	-	-	-	-	-
	Indicated	11,313	0.54	6.9	198	2,523
	Inferred	194	0.50	4.6	3	29
	<b>Sub-Total</b>	<b>11,517</b>	<b>0.54</b>	<b>6.9</b>	<b>201</b>	<b>2,552</b>

### Combined Total Resource Open Pit + Underground

ALL	Category	Ktonnes	Au g/t	Ag g/t	Au koz	Ag Koz
	Measured	2,747	2.54	39.9	224	3,517
	Indicated	16,012	1.02	13.1	522	6,741
	Inferred	3,820	1.90	20.7	229	2,536
	<b>Sub-Total</b>	<b>22,579</b>	<b>1.35</b>	<b>17.6</b>	<b>976</b>	<b>12,794</b>

Note: Rounding errors may occur, reporting cut-offs as indicated, significant figures do not imply any added level of precision

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When the Q3, 2013 9,000 meter drill program has been completed. The Company will republish the Belinau, Buluh and Asmar Resources. This will be published in compliance with the JORC 2012 Code.

# APPENDIX:

## 1B: Tembang Project Reserve

Deposit	Reserve Category	Tonnes (kt)	Grade Au (g/t)	Contained Gold (oz)	Grade Ag (g/t)	Contained Silver (oz)
Asmar	Proven	650	1.7	35,000	24.0	498,000
	Probable	1,230	1.3	49,000	20.5	808,000
Berenai	Proven	910	2.0	60,000	40.8	1,195,000
	Probable	980	2.1	67,000	23.6	740,000
Buluh	Proven	560	2.5	45,000	40.9	735,000
	Probable	400	2.0	26,000	29.0	374,000
Aidit	Proven	-	-	-	-	-
	Probable	20	3.1	2,000	44.6	30,000
Bujang	Proven	140	4.2	19,000	52.1	238,000
	Probable	50	2.3	4,000	26.0	40,000
Belinau_OP	Proven	90	5.5	16,000	68.4	196,000
	Probable	60	3.4	6,000	53.2	97,000
Belinau_UG	Proven	50	8.7	15,000	74.1	130,000
	Probable	360	5.0	59,000	39.3	458,000
Total	<b>Proven</b>	<b>2,400</b>	<b>2.5</b>	<b>190,000</b>	<b>38.7</b>	<b>2,991,000</b>
	<b>Probable</b>	<b>3,090</b>	<b>2.1</b>	<b>213,000</b>	<b>25.6</b>	<b>2,547,000</b>
	<b>Total</b>	<b>5,490</b>	<b>2.3</b>	<b>403,000</b>	<b>31.4</b>	<b>5,539,000</b>

### Competent Person's Statement – Open Pit and Underground Ore Reserves

The information in this report that relates to Open Pit and Underground Ore Reserves is based on information compiled by Shane McLeay of Entech Pty Ltd, who is a Member of the Australasian Institute of Mining and Metallurgy. Mr McLeay has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2004 Edition of the Australasian Code of Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr McLeay consents to the inclusion in the report of the matters based on his information in the form and context in which it appears

### Mine Plan Optimisation – Q3, 2013

During Q3, 2013, the company has embarked on a 9,000 meter infill drilling programme to replace the historical RC Drilling on Belinau, Asmat and Buluh projects to convert the Inferred Resources into Measured and Indicated Resources. At the 10<sup>th</sup> Sept 6,300m of the 9,000 metre drilling programme was complete.