

Building Indonesia's next gold-silver producer

ASX:SUM www.sumatracoppergold.com

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



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- · 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 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 2012 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 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 2012 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 the report to which this statement is attached that relates to the Mineral Resource estimates for Asmar, Berenai, Tembang-Anang & Bujang is based on information compiled by Mr Chris Black who is a member of AIG and a full time employee of Cube Consulting. Mr Chris Black has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australian code for reporting of Exploration Results, Mineral Resource and Ore Reserves'. Mr Chris Black consents to the inclusion in the report of the matter based on his 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 2012 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/65) where the number 65 g/t Ag = 1 g/t Au. The prices thus used in the calculation are the average gold price of US\$1,200 per ounce and average silver price of US\$20 per ounce. Metal recovery assumptions are 86.7% for gold and 80% for silver.

#### **GEO = Gold Equivalent Ounces**

# **Investment Highlights**



- Focus on epithermal precious metal vein deposits in Sumatra, Indonesia.
- DFS completed for Tembang project in April 2014 shows strong project economics with competitive C1 cash cost of US\$470 per ounce.
- US\$40m of debt funding completed in Q4 2014.
- Construction has commenced and production is targeted to commence in Q4 2015.
- Targeting 40,000 to 50,000 gold equivalent ounces (GEO) per annum sustainable production through resource conversion and exploration.
- Portfolio of prospective exploration holdings.

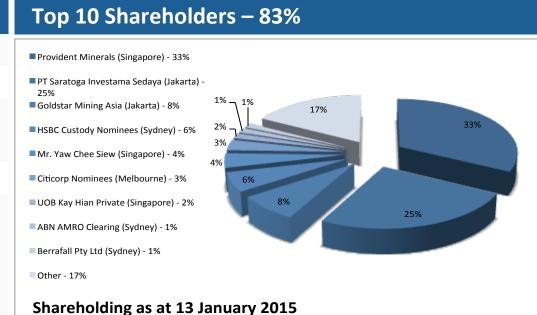


# **Corporate Snapshot**

An emerging low-cost gold producer



Corporate	
ASX Code	SUM (Listed Nov 2009)
Shares/CDI's issued	583.8M
Warrants @ 5.7 cpw	222,753,201
52 week high/low	A\$0.115 - A\$0.034
Cash @ 31 Dec 2014	US\$26M
Debt	US\$40M
Market Cap @ A\$0.059 cps *	~US\$28.09M
Ave daily volume	~138,000
Enterprise Value	US\$42.09M



<sup>\*</sup> Exchange rate used as at 31 December 2014 A\$1.00 = US\$0.81562

Major Shareholders	
PT Saratoga Investama Sedaya	IDX: SRTG - A leading active investment company founded by Indonesian Businessman Edwin Soeryadjaya and Sandiago Uno, focusing on early-stage and growth-stage capital and special situation opportunities.
Provident Minerals Pte Ltd	Major private investment house with substantial interests in many leading Indonesian businesses, including Tower Bersama Infrastructure and Provident Agro. Cornerstone investors in several ASX-listed Indonesian resource companies including Sumatra Copper & Gold, Finders Resources and Sihayo Gold.
Goldstar Mining Asia Resources	Mr Garibaldi Thohir, founder, President and Director of leading Indonesian coal company Pt Adaro Energy Tbk.

# **Project Fundamentals**

The DFS shows robust economics from a relatively low risk brownfield operation with the flexibility of multiple ore sources



## **Project Fundamentals (DFS)**

- Costs
  - C1: US\$470/Oz
  - AISC: US\$745/Oz
- Capital Cost to Complete US\$34M
- Construction & Commission ~ 12 months
- Production from Ore Reserves
  - Underground 0.4Mt @ 6.1 g/t Au and 48 g/t Ag
  - Open Pit 1.7Mt @ 2.0 g/t Au and 30 g/t Ag
- Production
  - Ave over LOM: 33,000oz Gold and 345,000oz Silver
  - Mill throughput 400K to 425K tpa

#### **Notes**

The AISC is based on a silver price of US\$20 per Oz.

## **Financing**

- Debt Facility
  - Nomura, Exim Indonesia main lenders
  - US\$40 million drawn down
  - US\$5 million based on Project Execution and Au price above US\$1,125/Oz
  - US\$5 million equity to be raised
- Facility terms
  - The Debt Loan Facility included the grant of 250,257,351 warrants (3 years) at 5.7 cps.
  - First 18 months 7.5 % interest 7.5 % PIK
  - After 18 months 10 % interest 5.0 % PIK
  - 85% Cash Sweep, no period payments
  - Balloon payment at the end of year 3
  - Objective to refinance with lower cost debt post commissioning.
  - Warrant exercise proceeds to pay down debt.

# Hedging

The hedging was put in place on the 31 October 2014, the week that the CP's were completed and the drawdown was initiated.



## Hedging

- 42,000 Oz Gold (50% of year 1 and 2 production)
  - Over 2 years starting Nov 2015
  - Sell price @ US\$1,108.50 sell price
  - Participation above US\$1,428.50 at Gold price less US\$320 per Oz
- 343,200 Oz Silver (50% of year 1 and 2 production)
  - Over 2 years starting Nov 2015;
  - Sell price @ US\$14.47 per Oz sell price
  - Participation above US\$21.77 at Silver price less US\$7.30 per Oz

## **Hedging Strategy**

- Initial Hedge
  - Hedging driven by debt facility not project fundamentals.
- Hedging Strategy
  - Hedge to cover debt repayment
  - Low cost operation, so hedging not necessary in the longer term
  - Potential to add additional unhedged production if price increases

# **Tembang Project – Overview**

Relatively Low-risk, staged development – open pit and underground



## **Project Background**

- Brownfields previously mined in 1997-2000 producing 220,000 GEO.
- SUM's 100% subsidiary PT DNS, pegged the ground in 2006 – acquiring 130,000 meter drilling database.
- Additional 49,000m of diamond drilling completed to date.
- AMDAL and Pinjam Pakai granted in April 2013. Final Tailings permit required.

# BULUH-SIAMANG Samang Waste dump Plant Site Proposed TSF WRD Proposed TSF Bujang Waste dump Bujang Was

## **Development: Key Points**

- Low Risk Project multiple ore feed sources, known metallurgy and geotechnical performance. High grade open pits exploited in year 1 as production from underground ramped up.
- Good ground conditions and near vertical orebody reduce development risk on underground and allow high mining recoveries.
- Conventional process flow sheet with historical processing data supporting recoveries.
- Proven and Probable Ore Reserves = 181,000oz gold + 2.1Moz silver JORC Mineral Resources of  $\sim 0.45$ Moz of gold + 5.7Moz of silver. Based on diamond drilling.

## **Production Profile**

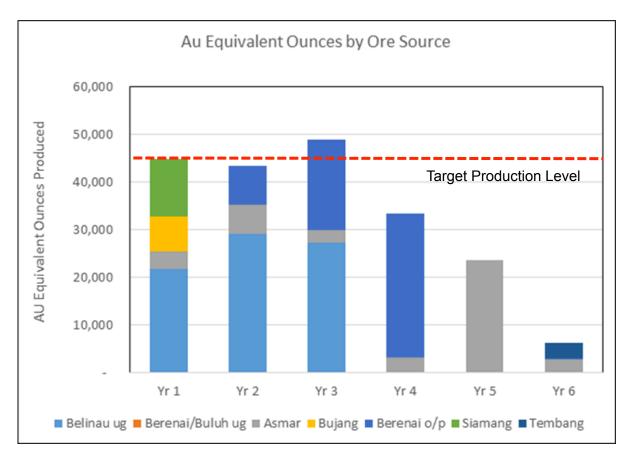


#### **Reserve Profile**

- Production averages 46,000 GEO per annum over first three years.
- Production falls as currently defined Belinau reserves are mined.
- Strategy has been to define sufficient resources to finance then build reserve base.

## **Sustaining Production Profile**

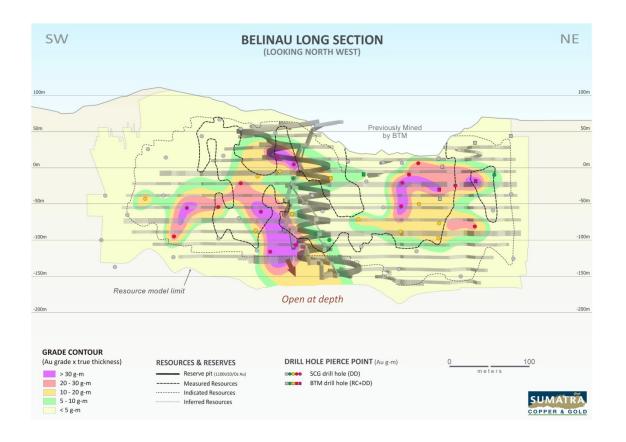
- Initial target to define +5 year mine plan at 45,000 GEO per annum, then sustain.
- Inferred Resource and extensions at Belinau underground mine.
- Conceptual mine design completed for underground mines at Berenai and Buluh.
- Significant Inferred Resource at Asmar.
- Prospective exploration district.



## **Belinau**

## High grade underground mine – most profitable ore source





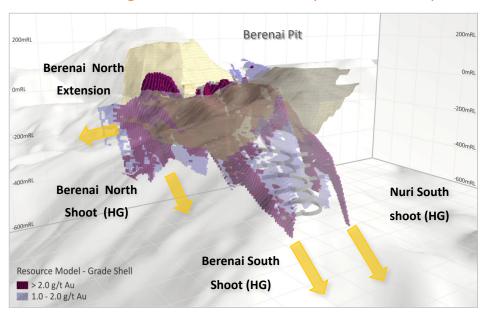
## Extensions to mine plan

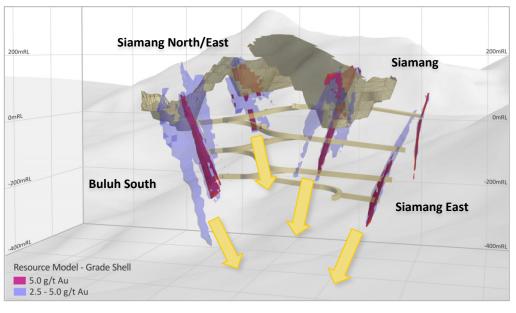
- Inferred Resource 67,000 tonnes at 7.3 g/t Au and 65 g/t Ag surrounding existing mine plan with limited drill testing.
- Bitu vein can be accessed from planned underground workings
- Other peripheral veins intersected in hanging wall to be followed up.
- Open along strike in both directions and at depth.
- Parallel targets at Recambi, Jeni and NE Belinau.
- Additional ore accessed from same decline requires minimal capital.

## **Berenai and Buluh Complex**

## Block Model grade shells with 2014 pits and conceptual UG design







- Berenai was principal ore source at historical Rawas mine (PT BTM)
- Ore shoot geometry at Berenai and Nuri highlight continuation below OP (scoping studies indicate +35Koz Au of UG ore with potential to expand).
- Drilling investment to define targets can be reduced by drilling from bottom of planned open pits to reduce cost.

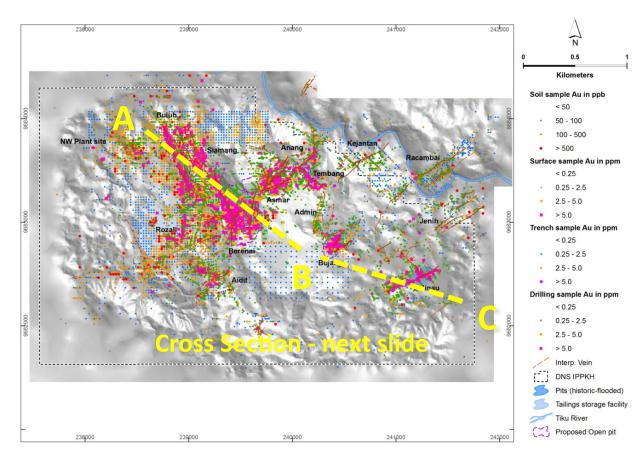
- Buluh-Siamang host multiple high grade narrow vein systems over 1km in strike length.
- Mineralized trend is open along strike and at depth.
   Geometry suggests lodes may merge at depth.
- Significant scope for resource expansion at depth and along strike.
- Geometry of high grade ore shoots (steep and narrow) support UG mining below planned OP's and along strike.

## **Tembang Near Mine Exploration**

Plan map (DTM) highlighting geochemical anomalies and deposits / prospects



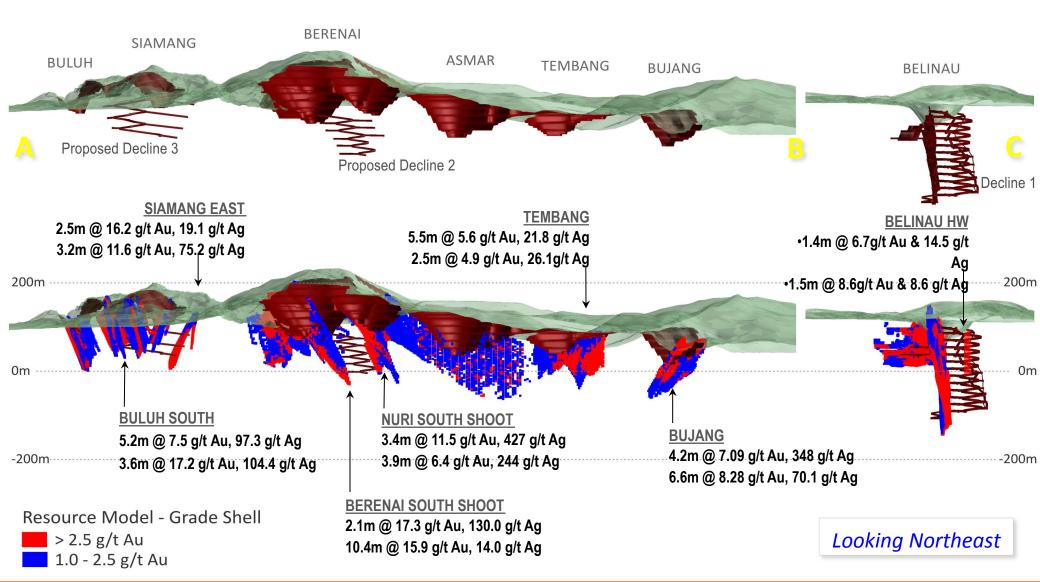
- >180km drilling (100km RC / 80km DD)
- >85,000 surface samples
- Geophysics (Mag / CSAMT) to detect hidden / covered targets
- First pass drilling on 3 targets in H1
- Re-logging of core and 3D modelling of Geology
- Ground based exploration in Q2 and Q3 to help prioritize and develop targets
- Drill programme initiated in Q4



## **Tembang Near Mine Exploration**

Cross Section through Tembang Resources & Mines highlighting significant intercepts outside of pits

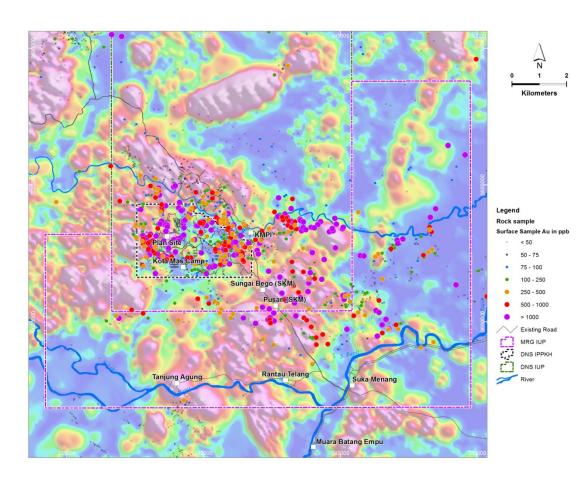




## **Tembang Regional Exploration**



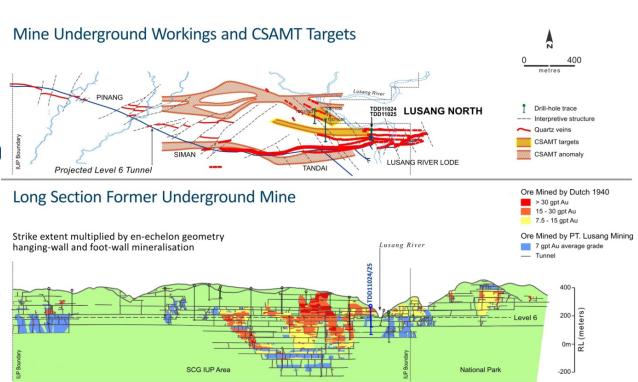
- Two IUP's (DNS / MRG) for ~ 20,000Ha
- Geochemical: Anomalous historical stream sediment samples to East and SE
- Geophysical: Airborne magnetic survey highlight Lineaments (prospective trends)
- Reasonable access to targets via Trans Sumatra Hwy and main access to mine
- Prospecting and Exploration work in Q2-Q3 with an aim to drill 1-2 targets in 2015/2016



## **Tandai Project**



- Tandai historical production of 1.3Moz at 15 g/t Au
  - Dutch (pre-1940's)
  - PT Lusang Mining (1984-1995)
- Targeting high grade bonanza gold mineralization (LS epithermal)
- Potential for remanent mineralisation, extensions below existing workings and in gaps
- Asa discovery (separate block) returned rock samples up to 15g/t Au



## **Summary-Investment Case**

#### A compelling investment opportunity



## **Corporate**

- Emerging gold producer in Sumatra 100% project ownership under 2009 Mining Laws
- Indonesian cornerstone investment partners
- Experienced Board and management team with track record of development and production

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

- Production on-track to commence Q4 2015, subject to financing
- Strong project economics relatively low mining cash costs
- Achieved AMDAL and Mining Licence; Forestry Permitting Completed in April 2013

## **Upside**

- Significant exploration upside at Tembang
- Exploration Upside Tandai and Sontang, and
- Future deal flow with Indonesian partners





## In Perth:

David Fowler – Acting CEO
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dfowler@scgplc.com

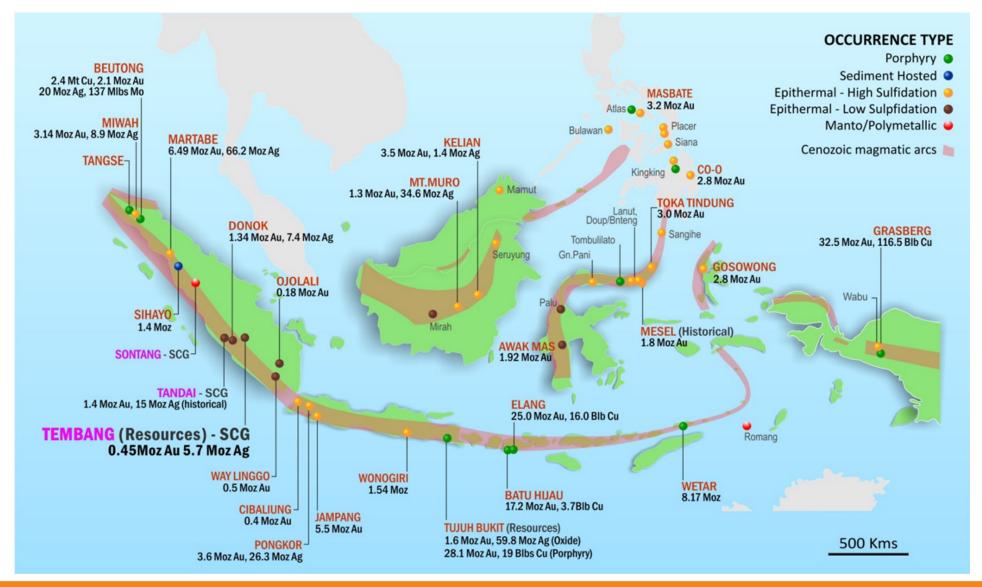
#### In Jakarta:

Adi Sjoekri – *Director (Indonesian Group)* T: +62 21 5290 0690 adisjoekri@scgplc.com

## **Major Gold Deposits in Indonesia**

Indonesia has a long history of very profitable hard rock mining





# **Board and Management**

Strong Indonesian experience and extensive project development expertise







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.



#### **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



#### 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;



#### **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, Post Grad Dip Finance & Investment – CFO and Acting CEO

Mr Fowler is a highly experience corporate finance executive with over 25 years of experience working in the mining industry in South America, Australia and Asia.

## **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.



**Warren King** 

B.Eng (Mech), B.Law (LLB), Member – Engineers Australia – Project Manager

Mr King holds Engineering (Mech) and Law degrees and has more than 17 years' experience, gained on projects predominantly in Africa and Australia



Devin den Boer

B.Sc (Geology Sciences), Registered Professional Geoscientist (APEGBC) – Geology Manager

Mr den Boer is a Professional Geoscientist with more than 17 years' experience, gained in gold exploration projects predominantly South America



**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.









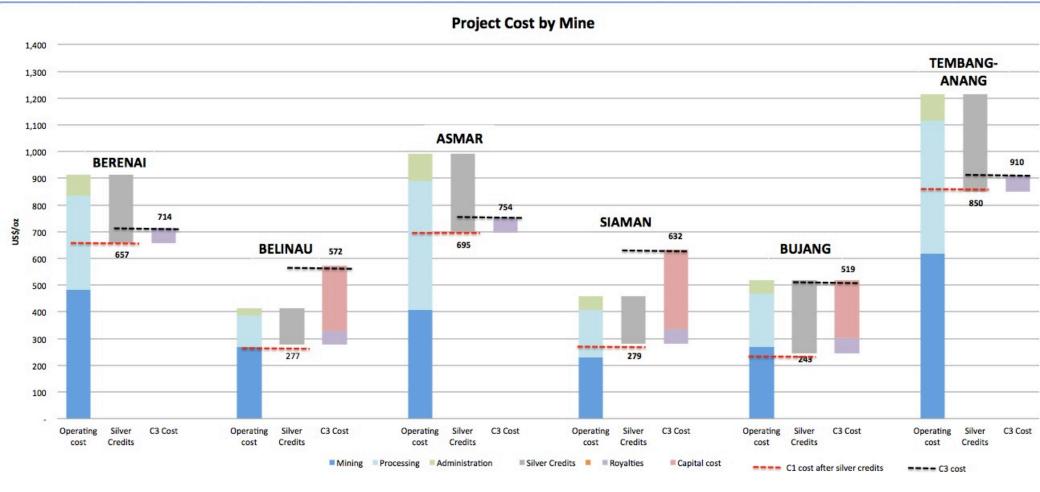


# **Cost by Mine**

C1 and C3 Cost of each of the Mines.







The C1 costs include the Process Costs and the G&A Costs at the Mine Site. The process costs are apportioned on a cost per tonne basis. The C3 costs do not include the D&A for the Process Plant and the Infrastructure but do include the capital for each mine.