

An advanced, highgrade copper-cobalt project – in the world's premier copper belt

- ► Fully-permitted, ready to build
- ► Attractive economics
- Significant growth potential

Mark Arnesen, CEO | Adam Smits, COO



MINING
INVESTMENT
4-5 FEBRURARY 2019 CAPE TOWN





## Forward-Looking Statements, Disclaimer and CP Statement



- Forward-Looking Statement: This document contains statements that are "forward-looking". Generally, the words "expect," "intend," "estimate," "will" and similar expressions identify forward-looking statements. By their very nature, forward-looking statements are subject to known and unknown risks and uncertainties that may cause our actual results, performance or achievements, or that of our industry, to differ materially from those expressed or implied in any of our forward-looking statements.
  - Statements in this document regarding Nzuri Copper Limited's (the "Company") business or proposed business, which are not historical facts, are "forward-looking" statements that involve risks and uncertainties, such as estimates and statements that describe the Company's future plans, objectives or goals, including words to the effect that the Company or management expects a stated condition or result to occur. Since forward-looking statements address future events and conditions, by their very nature, they involve inherent risks and uncertainties. Actual results in each case could differ materially from those currently anticipated in such statements. Investors are cautioned not to place undue reliance on forward-looking statements, which speak only as of the date they are made.
- Disclaimer: The purpose of this presentation is to provide background information to assist in obtaining a general understanding of the Company's proposals and objectives. This presentation may contain some references to forecasts, estimates, assumptions and other forward looking statements. Although the Company believes that its expectations, estimates and forecast outcomes are based on reasonable assumptions, it can give no assurance that they will be achieved. They may be affected by a variety of variables and changes in underlying assumptions that are subject to risk factors associated with the nature of the business, which could cause actual results to differ materially from those expressed herein. This presentation is not to be considered as a recommendation by the Company or any of its subsidiaries, directors, officers, affiliates, associates or representatives that any person invest in its securities. It does not take into account the investment objectives, financial situation and particular needs of each potential investor. Investors should make and rely upon their own enquires and assessments before deciding to acquire or deal in the Company's securities. If you are unclear in relation to any matter or you have any questions, you should seek advice from an accountant or financial adviser. All references to dollars (\$) and cents in this presentation are to US currency, unless otherwise stated.
- Competent Person Statement: Scientific or technical information in this release that relates to Exploration Results has been prepared by Dr Peter Ruxton, the Company's Technical Director. Dr Peter Ruxton is a Member of the Institute of Materials, Minerals & Mining (MIMMM) and a Fellow of the Geological Society of London (FGS) and has sufficient experience which is relevant to the style of mineralisation 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" (the JORC Code). Dr Peter Ruxton consents to the inclusion in this presentation of the Information, in the form and context in which it appears.

The information in this document relating to the Kalongwe Cu-Co Deposit resource estimate is extracted from the Company's ASX announcement entitled 'Upgraded JORC Resource at Kalongwe 302,000t Copper and 42,700t Cobalt' dated 5 February 2015. The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement and that all the material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed.

The information in this document relating to the Kalongwe Cu-Co Deposit reserve estimate is extracted from the Company's ASX announcement entitled 'Updated stage 1 feasibility study delivers significantly enhanced financial returns' dated 16th April 2018. The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement and that all the material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed.

The information in this document relating to the Kalongwe Cu-Co production targets and forecast financial information derived from those production targets, are extracted from the Company's ASX announcement entitled 'Updated stage 1 feasibility study delivers significantly enhanced financial returns' dated 16 April 2018. The Company confirms that all the material assumptions underpinning the production targets and the forecast financial information in the original market announcement continue to apply and have not materially changed.

Scientific or technical information in this release that relates to the Exploration Target for Monwezi 2 is based on and fairly represents information and supporting documentation prepared by Dr Peter Ruxton, the Company's Technical Director. Dr Peter Ruxton is a member of the Metals, Minerals and Mining (MIMMM) and a Fellow of the Geological Society of London (FGS) and has sufficient experience which is relevant to the style of mineralisation under consideration and to the activity which they are 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" (the JORC Code). Dr Peter Ruxton consents to the inclusion in this report of the information, in the form and context in which it appears.



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- Preliminary Economic Analysis Cautionary Statement: The information in the presentation that relates to the Preliminary Economic Analysis for Stage 2 of the Kalongwe Project is extracted from the Company's ASX announcement entitled 'Updated stage 1 feasibility study delivers significantly enhanced financial returns' dated 16 April 2018 (Announcement). The Preliminary Economic Analysis was undertaken to assess potential options for the Kalongwe Stage 2 Project, focused on leaching/SX-EW processing options for the deposit. It is a preliminary technical and economic study of the potential viability of Stage 2 of the Kalongwe Project. It is based on low level technical and economic assessments that are not sufficient to support the estimation of ore reserves in addition to the existing ore reserve estimate of the Company for Stage 1 of the Project. Further engineering, testwork and mine planning are required before the Company will be able to estimate any additional ore reserves or to provide any assurance of an economic development case for Stage 2.
- Preliminary Economic Analysis is based on the material assumptions outlined in the Announcement. These include assumptions about the availability of funding. While the Company considers all the material assumptions to be based on reasonable grounds, there is no certainty that they will prove to be correct or that the range of outcomes indicated by the Preliminary Economic Analysis option, external funding of in the order of \$53 million will likely be required. Investors should note that there is no certainty that Nzuri will be able to raise that amount of funding when needed. It is also possible that such funding may only be available on terms that may be dilutive to or otherwise affect the value of Nzuri's existing shares.
- The Company is in a strong financial position with no debt, its Board has a positive financing track-record with the Company, and its substantial shareholders include a supportive institutional fund in Tembo Capital (comprised of Tembo Capital Mining Fund LP and Ndovu Capital VI B.V), and a subsidiary of Huayou Cobalt, which is an integrated industrial business incorporating copper/cobalt mining, processing and refining essential to the downstream production of Li-ion batteries, and has extensive experience operating in the DRC. The Company also has a declared Ore Reserve estimate for Stage 1 of its Kalongwe Project and has engaged in discussions for several potential offtake customers. On this basis, successful delivery of development milestones, including a feasibility study for Stage 2 with appropriate economic metrics, is expected to support ongoing convergence of the Company's market capitalization with its future funding requirements.
- The Board therefore considers that it has a reasonable basis to expect that the Project's development capital costs for Stage 2 could be funded following the completion of the proposed feasibility study. Further, the Company anticipates that the capital costs for Stage 2, which is due to commence 8 years following commencement of Stage 1, will be funded from production during Stage 1. It is also possible that Nzuri could pursue other 'value realization' strategies such as a sale, partial sale or joint venture of the project. If it does, this could materially reduce Nzuri's proportionate ownership of the project. Nzuri is currently evaluating all possible funding and development scenarios and appropriate debt and equity solutions with the aim of maximizing shareholder returns.
- ▶ Given the uncertainties involved, investors should not make any investment decisions based solely on the results of the Preliminary Economic Analysis.
- **Exploration Target for Monwezi 2:** The Exploration Target was first disclosed in the Company's announcement of 3 October 2018 entitled "Nzuri Further strengthens pipeline of satellite resource targets with latest drilling at Monwezi 2". That announcement contains:
  - (a) a detailed explanation of the basis for the Exploration Target, including specific description of the level of exploration activity already completed;
  - (b) the exploration activities designed to test the validity of the Exploration Target and the timeframe within which those activities are expected to be completed; and
  - (c) a summary of the exploration results on which the Exploration Target is based, and the nature of the results should also be stated, including disclosure of the current drill hole or sampling spacing and relevant plans or sections. The disclosures included in the 3 October 2018 announcement remain up to date as at the date of this release.



#### **Corporate** Overview



#### 6-Month Share Price – ASX: NZC



#### Highly experienced leadership team with extensive African experience

- ► Tom Borman, Non-Executive Chairman
- ► Mark Arnesen, CEO, Executive Director
- ► Adam Smits, COO, Executive Director
- ► Dr Peter Ruxton, Non-Executive Director (Tembo Nominee)
- ► Hongliang Chen, Non-Executive Director (Huayou Nominee)
- ► Ean Alexander, Non-Executive Director (Tembo Nominee)



Corporate Data								
Shares on Issue	295.9M							
Share Price	~A22c							
Mark Capitalization	~A\$65M							
Cash at December 2018	A\$2.4M							
Debt	NIL							
Key Sharehold	lers							
Huayou GICC - Afrimine Traxys - Board a Sprott -	es - <b>3.3%</b> · <b>3.0%</b> nd Management - <b>1.9%</b>							
华友钴业								

**HUATOU COBALT** 

Tembo Capital



### **Investment** Snapshot



#### **Developing the advanced Kalongwe Cu-Co Project**

- ► Large, high-grade resource: 302kt Cu, 42.7kt Co at 2.7% Cu and 0.62% Co
- ▶ Located in the world-class Kolwezi region in southern DRC:
  - Close proximity to infrastructure, smelters and off-takers
  - ► The most advanced Cu-Co development asset on the ASX:
  - ► Fully-permitted, ready to build, pre-development activities well advanced
  - ▶ DFS and engineering FEED complete for Stage 1 DMS Project
  - Stage 1 US\$186M, NPV<sub>10%</sub>, 99% IRR
- ▶ Low capital intensity (~US\$53.7M) and high grades relative to peers
- Staged development pathway: Stage 1 DMS, Stage 2 SX-EW to be funded from Stage 1 cash-flows
- ► Strong potential for incremental resource growth following multiple recent near-mine discoveries within 6km radius (copper and cobalt)
- ▶ Outstanding exploration upside within 343km² FTBJV with Ivanhoe Mines (TSX: IVN)





**Democratic Republic of the Congo** 

### **Current Focus-** Key Objectives 2019





#### Corporate

- Agree debt terms
- ► Finalise off-take Agreements
- Complete and sign Engineering and Purchasing (EP) fixed-price agreement (offer currently under review)
- Complete project financing package
- ▶ Board approval for commencement of construction
- ▶ Complete all Conditions Precedent (CP's) financial close (draw-down debt)



#### Project Development

- Complete site access road
- ► Execute all key construction agreements
- ► Commence DMS plant build



#### **Exploration**

Data review, interpretation and planning underway for 2019





### Kalongwe – Project Funding Strategy



#### **BUILD DMS PLANT**



Debt from lending institutions

(Target of 50% debt-to-equity)









- Project fully-permitted and ready to proceed
- Funding discussions well advanced
- Actively in funding discussions with:-
  - Product off-take funding from Kolwezi-based SX-EW's
  - Lending institutions
  - Off-take funding



#### Why the DRC?



#### Why not?



**Development Ready, High-Grade Copper-Cobalt Project** 



**Long History of Mining in the DRC** 



**Demonstrated Period of Political Stability** 



**Thirst for Ethical Sourcing of Cu-Co Concentrate** 



**Strategic Investment** 



**Primary Source of the World's Cobalt** 



Kilometers 0 500 1000

Democratic Republic of the Congo

#### Copper and Cobalt – Key Raw Materials for the EV Revolution





► 16% penetration = 16.5m EV units per annum, according to UBS, up from 1m EV's sold in 2017

In order to meet the Electric Vehicles Initiative<sup>1</sup> target of 30m EV sales per annum by 2030, CRU estimates the following additional metal requirements across the supply chain...

#### Cu Copper 63,546

#### **COPPER**

~4.1Mt of additional metal required (18% of 2016 supply)



#### COBALT

~314kt of additional metal required (~314% of 2016 supply)





Nzuri is ideally positioned to supply two of the key metals required for the looming battery metals revolution...

Source: Glencore "The EV revolution and its impact on raw materials", March 2018; "The EV Revolution – not just a lithium story". Janus Henderson 8 June 2018

could see EV penetration rates rise to 10-16% by 2025...

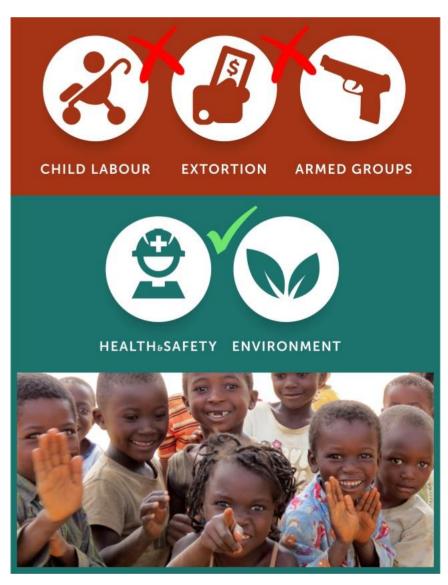


## Nzuri – Responsible, Ethical and a Competitive Advantage



- Opportunity to contribute to the development of a more transparent and accountable cobalt mining industry in the DRC
- ► Nzuri has a comprehensive corporate governance framework to deliver responsible and ethical copper-cobalt production:
  - ► Anti-corruption and anti-bribery policies
  - ► No child labour
  - ► No payments or benefits to conflict groups
  - ► Best practice Health and Safety policies
  - ► Best practice environmental protection policies
  - ▶ Focus on delivering real benefits to the communities in which we operate

Increasing pressure on multi-national corporations to independently verify where their product comes from is a competitive advantage for Nzuri to attract a premium for its product while becoming a 'supplier of choice' for ethical copper & cobalt.





### Kolwezi Region



KOLWEZI REGION Ground Zero of the Global Battery Metals Boom - US\$10-15 billion of New Investment





#### Kalongwe Stage 1 DMS – Project Overview



- ► Fully permitted with 12-month timeline to production
- Exceptionally strong Stage 1 economics
- ▶ 85%-owned by Nzuri with 10% held by local Congolese partner GICC and 5% by the DRC Government
- Excellent relationships with Government and local communities
- ► Front End Engineering Design for Stage 1 (FEED) completed by Lycopodium Minerals in 2018
- ► Fixed Price Engineering Price (EP) contract under negotiation
- Metallurgical testwork to support SX-EW options almost complete

Ore Reserve now **7.99Mt at 2.94% Cu, 0.34% Co for 234,868t of contained Cu** and **27,102t of contained Co** 

Metric	Feasibility Study ( <u>+</u> 15%)
NPV <sub>10%</sub> US\$ (pre/post-tax)*	US\$186M / US\$130M
IRR % (pre/post-tax)*	99% / 76%
Annual Average Production (Cu/Co-in-concentrate)	18,657t Cu & 1,370t Co
LOM Production (Cu/Co-in-concentrate)	149,258t Cu & 10,964t Co
<b>LOM</b> (years at 1Mtpa throughput)	8 years
C1 Cash Cost US\$ (including Co credits)	US\$0.85/lb
CAPEX US\$ (excluding working capital, <u>+</u> 15% accuracy)	US\$53.7M
Payback (months)	17 months

NPV/IRR based on US\$3.00/lb LME Cu and US\$36.93/lb LME cobalt sales price and a 100% project basis. The proposed 2018 DRC mining code changes are not included in above



## **Strong** Project Fundamentals



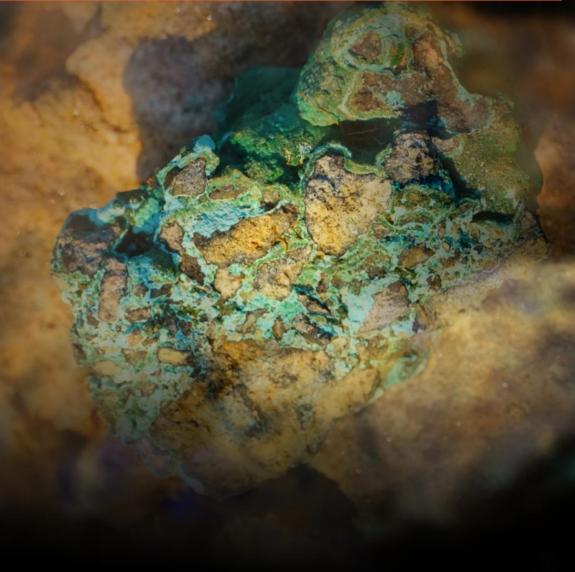
► The project has "Great" fundamentals!

Project Pre-tax NPV = US\$186M / IRR = 99%

Today Cu US\$2.7/lb – Co US\$17/lb

Project Pre-tax NPV = US\$108M / IRR = 61%

A robust project with low C1 cash costs => ... strong margins throughout the metal price cycle!







## Kalongwe Future SX-EW – Stage 2 Project Upside



April 2018 Preliminary Economic Analysis shows huge upside for leaching/SX-EW processing route for Kalongwe Stage 2

Metric	2018 Feasibility Study	Kalongwe With Stage 2
NPV <sub>10%</sub> US\$ (pre/post-tax)*	US\$186M / US\$130M	US\$340M
IRR % (pre/post-tax)*	99% / 76%	91%
Average Annual Production	18,657t Cu & 1,370t Co (Cu/Co-in-concentrate)	18,657t Cu & 1,370t Co (8 yrs)  (Cu/Co-in-concentrate)  10,230t Cu & 2,400 Co (7yrs)  (Cu cathode and Co hydroxide)
LOM Production (Cu/Co-in-concentrate)	149,258t Cu & 10,964t Co	221,000t Cu &28,100t Co (Cu/Co-in-concentrate & Cu cathode/ Co hydroxide)
LOM (years at 1Mtpa throughput)	8 years	14 years
External Funding US\$ (excluding working capital, ±15% accuracy)	US\$53.7M	<b>US\$53.7M</b> (US\$220M Funded from cashflow)

#### Key point :- Design considerations of Stage 2 were included as part of FEED works for the Stage 1 project

**Note:-** Refer to the cautionary statement on page 3. For full disclosure regarding the assumptions underpinning the production targets and forecast financial information in respect of the Preliminary Economic Analysis for Kalongwe Stage 2, refer to the Company's announcement of 16 April 2018 entitled "Updated stage 1 feasibility study delivers significantly enhanced financial returns".



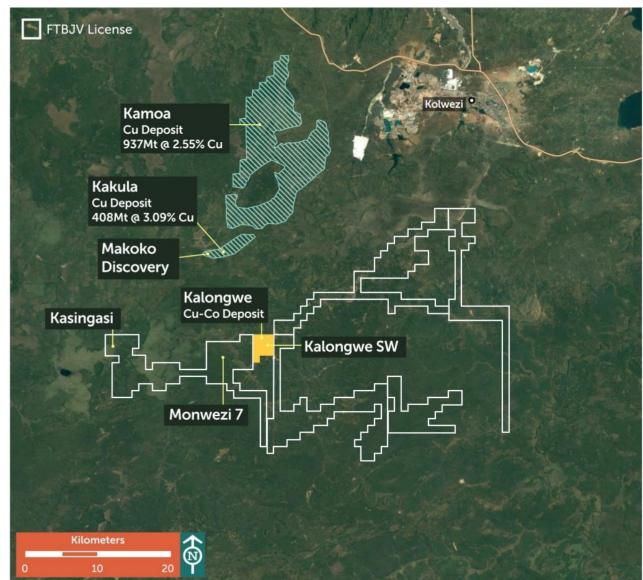
### **Exploration upside** – 343km<sup>2</sup> FTBJV with Ivanhoe Mines



- ► Fold and Thrust Belt JV extensive strategic ground position of 343km² surrounding Kalongwe deposit
- ► Located near Ivanhoe's world-class discoveries
- ► Potential for Kamoa-style discovery confirmed at Kasangasi Prospect – mineralisation footprint expanded to 1.2km
- ► Pipeline of near-mine resource targets established within 1-6km radius of Kalongwe:
  - ► Kalongwe SW potential cobalt-rich feed 800m from Kalongwe
  - ► Monwezi 7 source of potential high-grade cobalt feed
  - ► **Monwezi 2** shallow oxide copper resource target 3.5km from Kalongwe







### **Summary – Key Investment** Takeaways



ASX-listed copper-cobalt developer/explorer with a strong growth outlook

# Right metals ..... Right place ..... Right time

HIGH QUALITY PROJECTS – COPPER AND COBALT

## NEAR-TERM PRODUCTION OPPORTUNITY

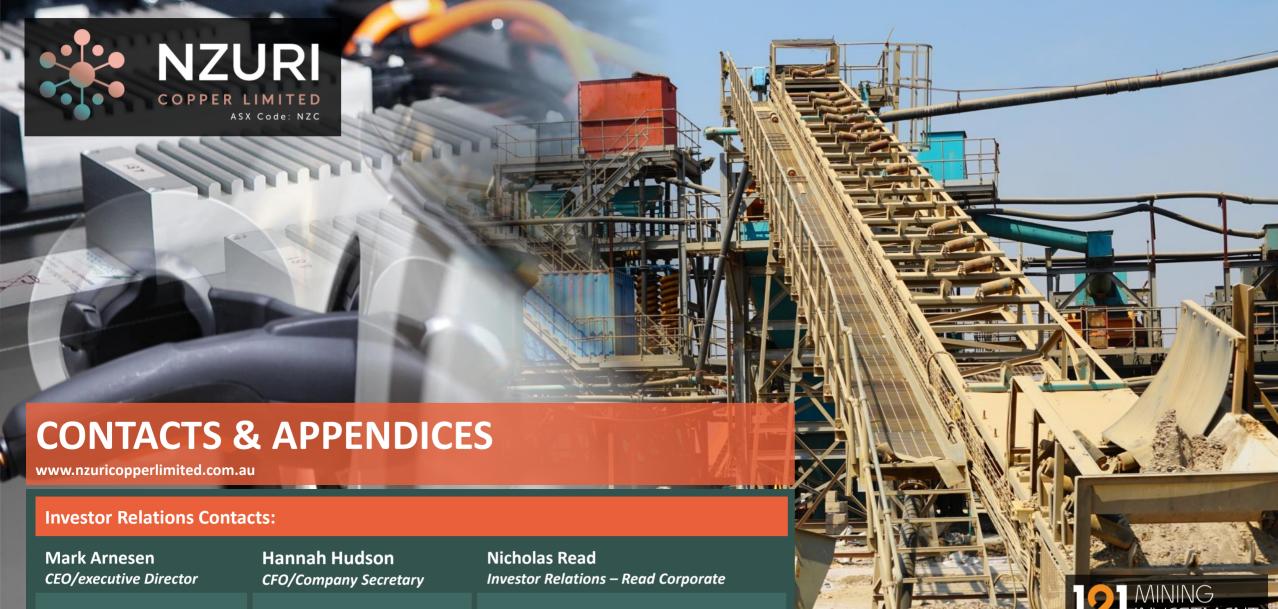
- Kalongwe Feasibility Study Complete
- Near-surface oxide JORC resource of 302,000t Cu, 42,700t Co
- 235kt Cu / 27kt Co JORC reserve
- Low CAPEX, simple open pit mining/ processing

## STRONG DISCOVERY POTENTIAL IN A TIER-1 BELT

- Fantastic location relative to huge recent discoveries and operating Tier 1 assets
- Multi-pronged exploration campaign advancing rapidly
- Initial encouraging results

## STRONG SHARE REGISTER, WELL-FUNDED

- Strong balance sheet, no debt
- Strong cornerstone shareholders include Tembo Capital and Huayou Cobalt
- Strong platform for project funding and ongoing exploration



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## **Kalongwe Future Pit Overview**







### **Company** History



Listed as Regal Resources (ASX: RER) 23 June 2005

2005 - 2014	Apr 2015	Jul 2016	Oct 2016	_	Jan 2017	Dec 2017	Apr 2018	Jul 2018
Primary focus on gold project exploration and development	MOA signed to earn up to 90% interest in Fold and Thrust Belt (FTB) JV.	Capital raising to fund debt, FTBJV exploration & Kalongwe DFS	Exploration recommences at FTBJV		Company name changed to NZURI COPPER (ASX: NZC) Share consolidation	Nzuri secures A\$10M cornerstone investment from major cobalt player, Huayou Cobalt	Updated Kalongwe Stage 1 Feasibility Study delivers significantly enhanced financial returns based on revised pricing and point-of-delivery	Completes Detailed Project Front End Engineering Design (FEED)



#### **Copper / Cobalt Focus**

Acquired 30%
interest in the
<u>Kalongwe</u>
Copper/
Cobalt project;
Completed
positive
Scoping Study

Nov 2013

Acquisition of a further 40% of Kalongwe Project

Acquisition of a further 15% of the Kalongwe Project from GICC, bringing Nzuri's total ownership to 85%

New management team on board

Kalongwe Stage 1 Feasibility Study demonstrates robust, low-cost copper-cobalt project with strong financial

Oct 2017

Completes expenditure to earn-in to 80% of the FTBJV Highly encouraging results from Kalongwe Stage 2 Preliminary Economic Analysis based on an SX-EW driven staged expansion

Completes expenditure to earn-in to 90% of the FTBJV

Jul 2016

6 Oct 2016

Nov 2016

**Apr 2018** 

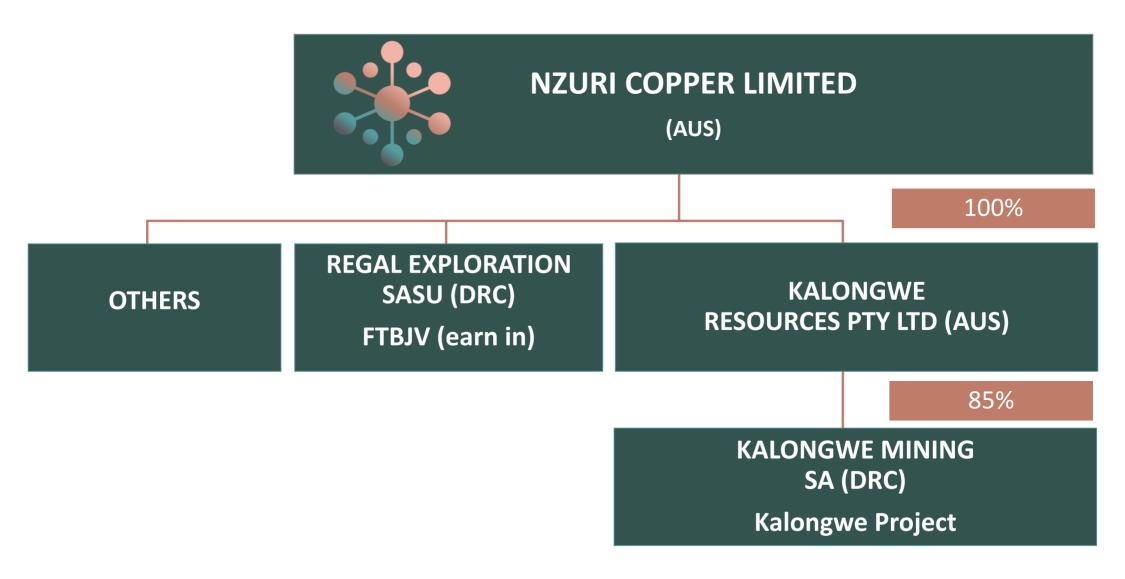
Apr 2018

Dec 2018



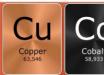
### **Appendix** – Nzuri Corporate Organisation







### **Appendix** – Kalongwe Mineral Resource Estimate





Weathering profile	Domain	Measured	Indicated	Inferred	Total Tonnage (Mt)	Ave. Cu (%)	Ave. Co (%)	Tonnes Cu	Tonnes Co
Oxide	Cu Only¹	1.24Mt @ 3.35% Cu	2.45Mt @ 2.27% Cu	1.24Mt @ 1.60% Cu	4.94	2.37	-	117,200	-
Oxide	Mixed <sup>3</sup>	2.07Mt @ 3.76% Cu	1.67Mt @ 2.72% Cu	0.35Mt @ 1.98% Cu	4.08	3.19	0.66	130,000	26,800
Primary	Cu Only¹	-	1.20Mt @ 2.65% Cu	0.41Mt @ 1.63% Cu	1.61	2.39	-	38,400	-
Primary	Mixed <sup>3</sup>	-	0.51Mt @ 3.06% Cu	0.03Mt @ 2.22% Cu	0.54	3.02	0.52	16,400	2,800
	Total Cu in Cu Only and Mixed Domains	3.31Mt @ 3.61% Cu	5.83Mt @ 2.55% Cu	2.03Mt @ 1.70% Cu	11.17	2.70		302,000	
	Total Co in Mixed Domains <sup>4</sup>	-	-	-	4.62	-	0.64	-	29,700
Oxide	Co Only <sup>2</sup>	0.37Mt @ 0.66% Co	1.34Mt @ 0.59% Co	0.38Mt @ 0.43% Co	2.09	-	0.57	-	11,900
Primary	Co Only <sup>2</sup>	-	0.18Mt @ 0.53% Co	0.02Mt @ 0.43% Co	0.2	-	0.52	-	1,000
	Total Co Domains	0.37Mt @ 0.66% Co	1.52Mt @ 0.58% Co	0.40Mt @ 0.43% Co	2.29	-	0.57	-	13,000
	Total Co in Mixed & Co-only Domains <sup>5</sup>				6.91	-	0.62	-	42,700

<sup>1</sup> The Cu only domains were reported by selecting blocks with  $Cu \ge 0.5\%$ .

<sup>2</sup> The Co only domains were reported by selecting blocks with Co >= 0.2%.

<sup>3</sup> The Mixed Domains (blocks located within overlapping Cu and Co domains) were reported by selecting blocks with Cu >= 0.5%. The Co grade from these blocks was also reported.

<sup>4</sup> The total Co tonnes and grade within the Mixed Domain are reported from blocks where Cu>=0.5%, and are not additional to the total Cu Mineral Resources quoted from the Mixed Domain.

<sup>5</sup> The total Co tonnes and grade from the Mixed and Co-only Domains are presented as total tonnages only, without reference to JORC classification. The tonnes are not additional to the total Cu Mineral Resources quoted from the Mixed Domain.



## Appendix – Kalongwe Mineral Reserve Estima Cu







The Updated Ore Reserve for Kalongwe is set out below:

#### **Ore Reserve**

Category	Total						
	Mt	Cu %	Co %				
Proved	3.58	3.42%	0.43%				
Probable	4.41	2.56%	0.27%				
Proved and Probable	7.99M	2.94%	0.34%				
Waste (Mt)	16.645						
Total (Mt)	24.631						