



# Asia-Pacific Gold and Copper Mining company

## Corporate Presentation

February 2023

Andrew Corbett, Managing Director

- ✓ Mineral Hill delivering growth in gold and copper production
- ✓ 3.8Moz Misima Gold Project Definitive Feasibility Study complete

ASX: KSN

# Disclaimer

## Forward Looking Statements

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- are necessarily based upon a number of estimates and assumptions that, while considered reasonable by KSN, are inherently subject to significant technical, business, economic, competitive, political and social uncertainties and contingencies; and
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## Exploration by Other Explorers

This presentation contains information sourced from the reports of Other Explorers. References to the original reports are provided as footnotes where the information is cited in this presentation. KSN does not vouch for the accuracy of these reports. KSN has taken the decision to include this information as it is in the public domain and as we assess it to be of relevance to shareholders and investors.



Diamond Drilling at Pearse North



# Our Vision is to Create an ASX Listed Mid-tier Gold & Copper Producer

Led by an experienced and qualified management team with a proven track record for creating value by developing and operating gold mines



Two 100%-owned Gold  
& Copper Projects



Current Gold & Silver  
production, Copper producer by  
the end of 2024



Large-scale, long-life, low-cost  
opportunity at Misima



Exceptional Gold &  
Copper exploration upside



Extensive  
Infrastructure Base



Strong, diversified  
platform for growth

# Investment Summary

use only



## Misima Gold-Silver Project (100%) in PNG

- DFS confirms potential for a large-scale, long-life, low-cost operation
- Forecast gold production of ~2.4Moz open pit gold mine over 20-year mine life
- Pre-tax Net Present Value (NPV) of A\$956 million
- LOM revenue of A\$6.1 billion, All in Sustaining Cost (AISC) of A\$1,217/oz
- 28% increase in the Ore Reserve to 1.73Moz<sup>1</sup>
- Environmental and mining approval documentation underway
- Strategic review of Misima development options underway

## Mineral Hill Gold-Copper Mine (100%) in NSW

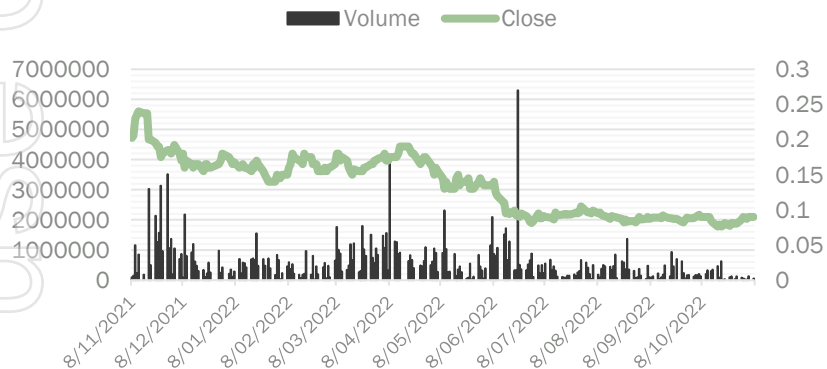
- Current operation delivering cashflow from gold and silver production to early 2024
- Development plan targeting an initial +5-year mine life focusing on gold and copper production out to 2028+ from within approved MLs
- \$10M debt facility secured to accelerate development plan
- Extensive on-site infrastructure - processing plant and underground development
- Exceptional exploration upside within the current ML and wider ELs
- Strategically located adjacent to NSW's world-class Cobar Basin

<sup>1</sup> See ASX Announcement 6 June 2022

# Corporate Snapshot

	Current
Share Price <sup>1</sup>	\$0.10
Shares on Issue	413.4M
Market Capitalisation	\$41.6M
Enterprise Value	\$39.8M
Cash <sup>2</sup>	\$6.8M
Debt	\$5.0M

## 12 month Share Price Performance

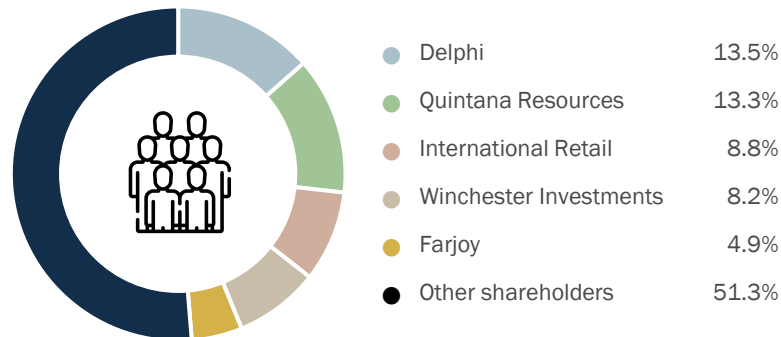


1: Close of trading 18 November 2022. 2: Last reported cash balance, as at 31 Dec 2022

## Directors & Management

<b>Mick Wilkes</b>	Non-Executive Chairman	35+ years experience
<b>Andrew Corbett</b>	Managing Director	25+ years experience
<b>Stuart Rechner</b>	Non-Executive Director	20+ years experience
<b>Tony Wehby</b>	Non-Executive Director	35+ years experience
<b>Stuart Hayward</b>	Chief Geologist	30+ years experience
<b>Geoff Merrell</b>	GM Mineral Hill	25+ years experience

## Shareholder Structure





An aerial photograph of the Mineral Hill industrial facility. The site is a large, flat, cleared area with various industrial structures. In the center, there are several large, white, cylindrical storage tanks. To the left, there are several large, white, rectangular buildings with gabled roofs. A yellow crane is visible on the left side. In the background, there are more industrial structures, including a large, white, cylindrical storage tank and a large, white, rectangular building. The surrounding area is mostly cleared land with some trees and a dirt road. A semi-transparent white box with the text "Mineral Hill Overview" is overlaid on the left side of the image.

# Mineral Hill Overview

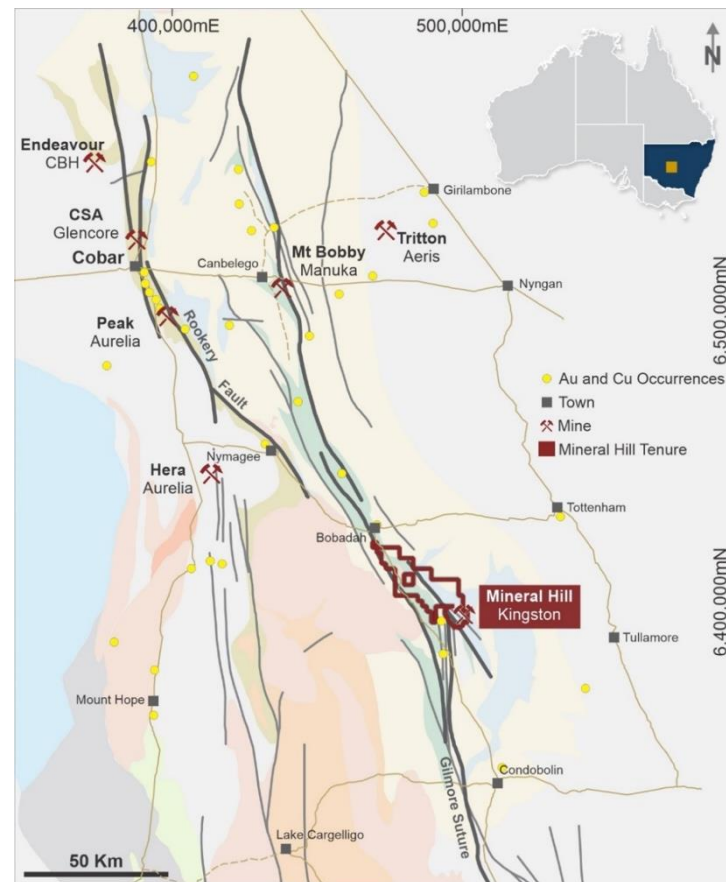
# Mineral Hill – An Attractive and Strategic Asset

Established gold and copper mine in the Cobar Basin

Location	516km W of Sydney NSW in Cobar Basin
Ownership	100%: 20 ML's (4.85km <sup>2</sup> ) & 2 EL's (335km <sup>2</sup> )
Reserves <sup>1</sup>	64,286 Au oz
Resources <sup>1</sup>	661,741 Au equiv oz (42% Cu, 29% Au) <sup>2</sup>
Orebody	Structure controlled- polymetallic base metal breccia & vein; Low-sulphidation epithermal
Mining Methods	Open pit and underground long-hole stoping
Processing Plant	700ktpa CIL, 350-400ktpa flotation
Water	Supplied from underground and site storage
Power	Mains and diesel generator
Historical Production	396koz Au, 33kt Cu (plus Pb, Zn concentrate)

1. See KSN ASX announcements on 18 November 2021 for additional Mineral Hill Resource and Reserve information

2. See Appendix for equivalency calculations

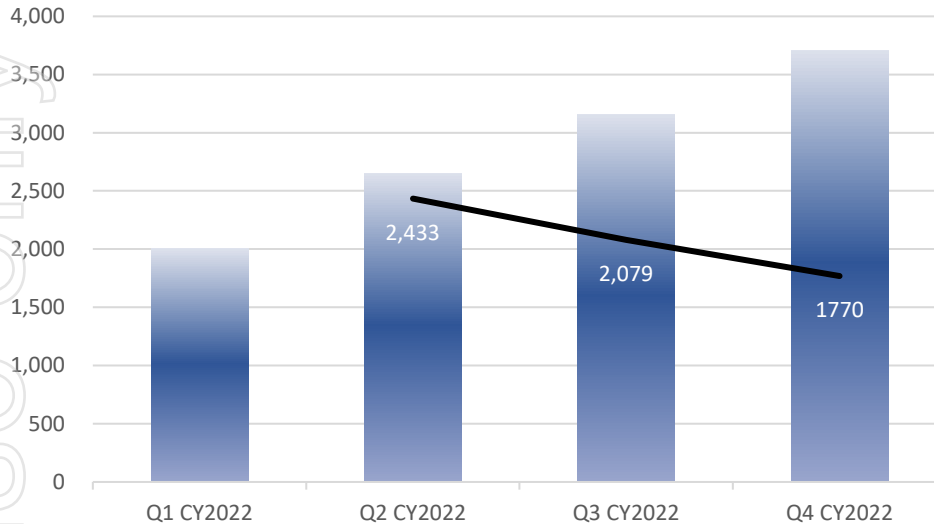




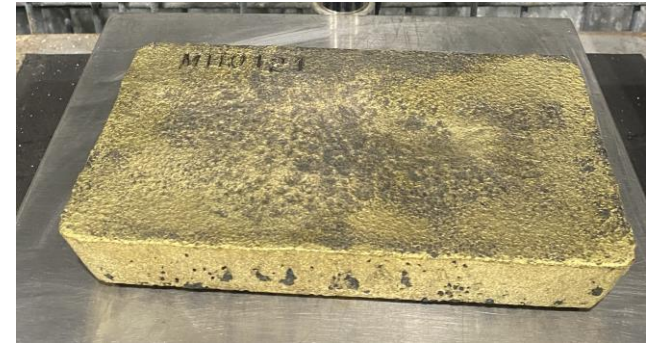
# Mineral Hill – Record Gold Production from Tailings

Tailings processing running at a 690ktpa run rate

Gold sold & AISC A\$/oz



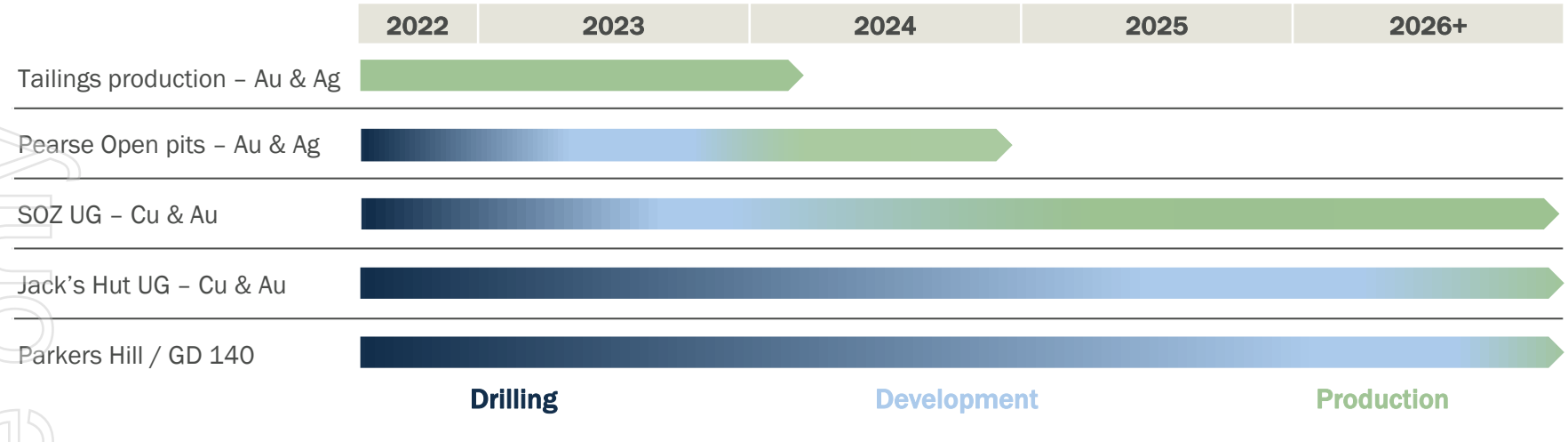
- Commercial production in Q2 CY2022
- January 2023 AISC A\$1611/oz





# Production & Development Plan

## Targeting copper production in late 2024

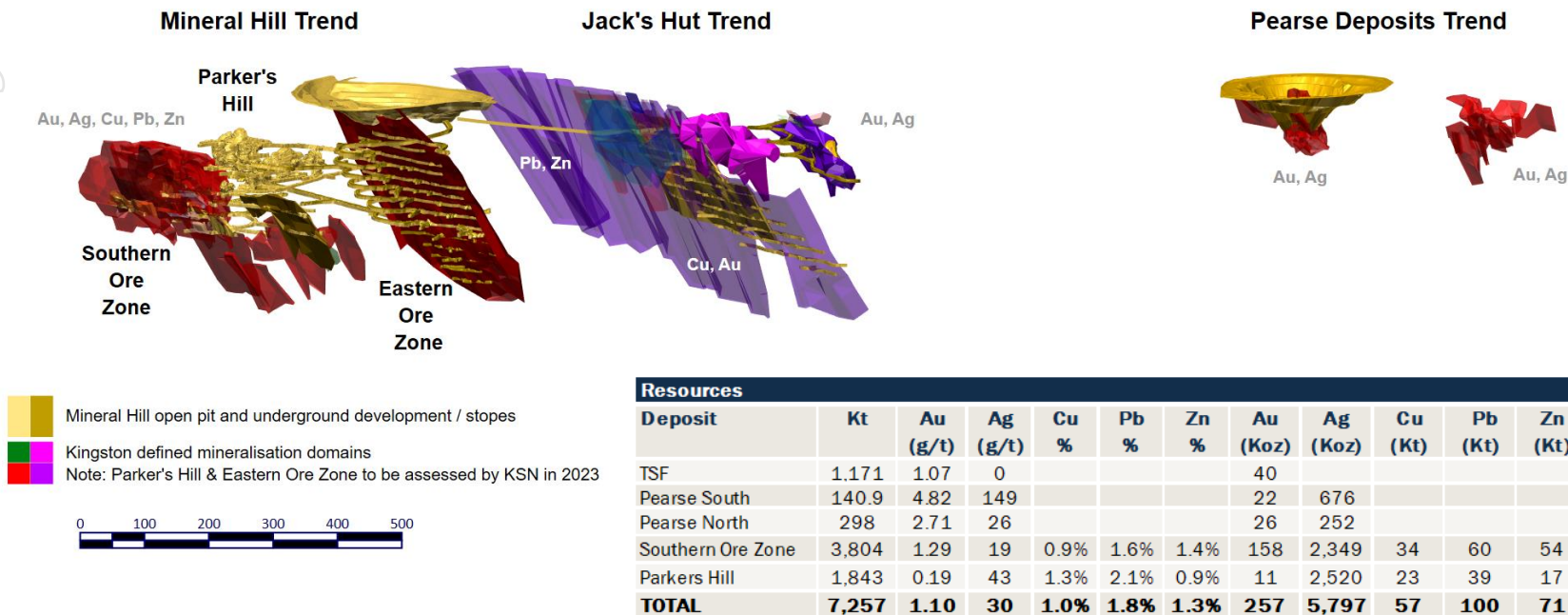


- Tailings production forecasted to March 2024
- Open Pit operations producing gold and silver until end of 2024
- Underground production to commence late 2024
- Copper production to commence during the fourth quarter 2024

# Mineral Hill Mine – Resources & Reserves

Attractive commodity base with significant growth potential

Oblique view looking South West - Dec 2022



# Outstanding Development Targets

## Historic high-grade gold-copper results<sup>1</sup>

- Included in Resource
- No Resource

### Pearse North

15.6m @ 13.3g/t Au, 114g/t Ag  
17m @ 4.5g/t Au, 8.7g/t Ag  
20.0m @ 1.8g/t Au, 64g/t Ag  
15.4m @ 3.2g/t Au, 39g/t Ag  
6m @ 9.1g/t Au, 46g/t Ag  
8m @ 4.1g/t Au, 87g/t Ag

### Pearse South

32m @ 2.2g/t Au, 173g/t Ag  
23m @ 6.5g/t Au, 296g/t Ag

### Processing Plant

### Parkers Hill

31.0m @ 0.9% Cu, 0.8 g/t Au, 0.6% Pb, 0.7% Zn, 5g/t Ag  
10.4m @ 2.2% Cu, 0.6 g/t Au, 2.3% Pb, 0.6% Zn, 33g/t Ag  
10.1m @ 0.5% Cu, 0.8 g/t Au, 2.1% Pb, 2.2% Zn, 13g/t Ag

### Jacks Hut

49m @ 1.8% Cu, 0.8g/t Au, 3.3g/t Ag  
30m @ 1.1% Cu, 0.2g/t Au, 2.7g/t Ag  
28m @ 1.0% Cu, 0.2g/t Au, 2.4g/t Ag  
20m @ 1.3% Cu, 5.5g/t Au, 2.0g/t Ag

### Missing Link

8m @ 9.1g/t Au & 5.6g/t Ag  
21m @ 5.4g/t Au & 0.6g/t Ag & 1.28% Cu  
21m @ 2.4g/t Au & 0.6g/t Ag  
22m @ 5.3/t Au & 1.6g/t Ag

### GD140

12m @ 5.0g/t Au, 0.6% Cu, 3.4g/t Ag  
9m @ 3.3g/t Au  
25m @ 1.3g/t Au, 0.1% Cu  
25m @ 0.7g/t Au, 3.2g/t Ag

### Southern Ore Zone (SOZ)

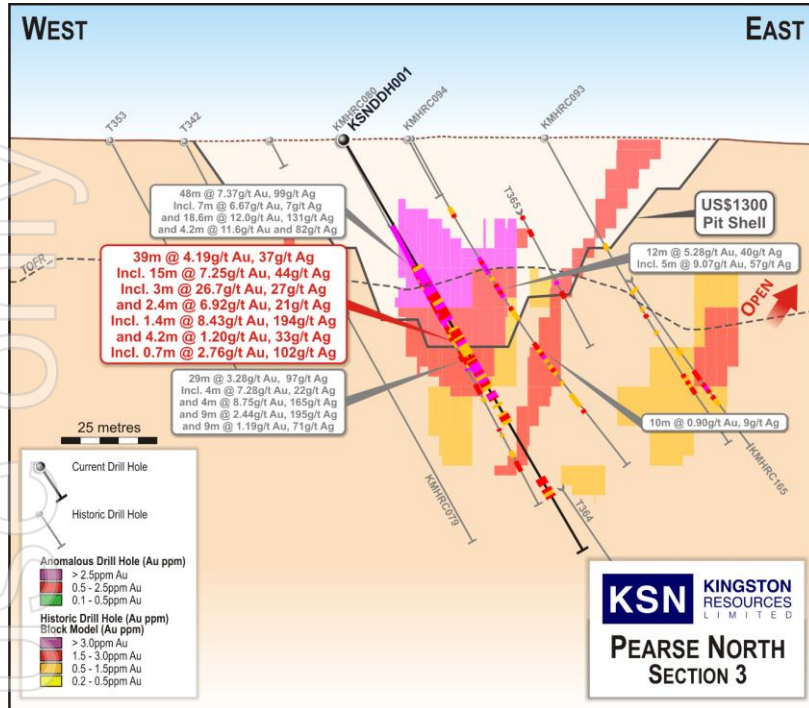
37.7m @ 2.2g/t Au, 0.9% Cu, 70g/t Ag, 1.7% Pb, 0.4% Zn  
21.1m @ 1.0g/t Au, 1.4% Cu, 8.9g/t Ag, 0.1% Pb  
50.7m @ 1.3g/t Au, 2.2% Cu, 113g/t Ag, 15.9% Pb, 8.9% Zn

<sup>1</sup> See KSN ASX announcements on 18 Nov 2021 for further detail on Mineral Hill historic drilling



# Diamond Drilling: Pearse South and Pearse North

## High-grade gold hits from initial drilling at Pearse North



- Current drilling confirms the presence of mineralisation outside the **historic Ore Reserve pit shell, set at US\$1300/oz Au.**
- Significant high-grade gold results received for the maiden diamond drilling program at Pearse North<sup>1</sup>
  - **39m @ 4.2g/t Au and 37g/t Ag from 37m, including**
    - **3m @ 26.7g/t Au, 27g/t Ag from 38m**
  - **10m @ 6.0g/t Au, 33g/t Ag from 72m**
  - **3m @ 5.5g/t Au, 6g/t Ag from 31m**
  - **11m @ 1.4g/t Au, 8g/t Ag from 136m including:**
    - **4.3m @ 2.4g/t Au, 16g/t Ag from 142m**
- Pearse North and Pearse South Resource and Reserve estimates to be updated in Q1 2023.

Figure: Recent and historical gold-silver intercepts at Pearse North relative to USD\$1300 Au Ore Reserve pit shell

1. See KSN ASX announcements on 8 April 2022, 14 June 2022 for further detail

# Diamond Drilling: Southern Ore Zone (Cu-Au-Zn-Pb-Ag)

## Significant increase in Mineral Resources, plus outstanding copper and gold drilling results

- Significant increase in Mineral Resources at SOZ in Nov 2022
- New MRE has increases of **114% in tonnage**, **54% in gold** and **64% in copper**. Contained silver, lead and zinc have all more than doubled.

Tonnes (Mt)	Au g/t	Ag g/t	Cu %	Pb %	Zn %
3.80	1.29g/t	19 g/t	0.9%	1.6%	1.4%

- Targeting re-establishment of mining at the SOZ underground, **leveraging the existing decline development and infrastructure** for low-cost restart
- Extensive development in place at SOZ underground – **significantly reducing development costs**
- Recent drilling highlights<sup>1</sup>:
  - 39m @ 1.1% Cu, 0.7% Pb, 0.8% Zn, 0.93g/t Au, 12g/t Ag from 161m
  - 9.8m @ 4.22g/t Au, 0.7% Cu, 3.2% Pb, 3.2% Zn, 30g/t Ag from 166m

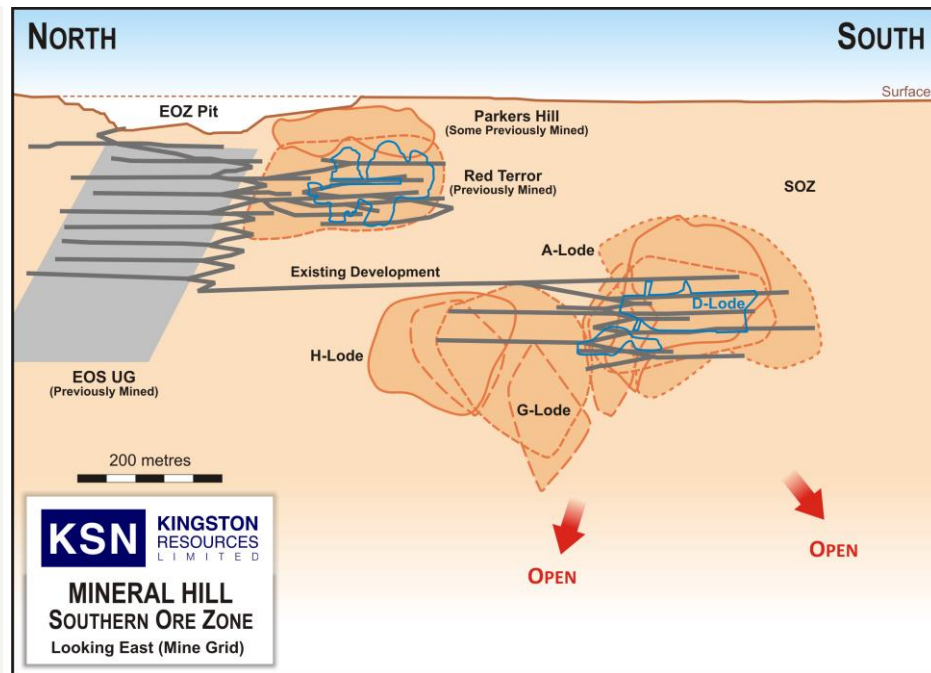


Figure: SOZ- long section demonstrates the infrastructure advantage of the SOZ with existing decline and level development

1. See KSN ASX announcements on 18 May 2022, 16 August 2022 for further detail

# Diamond Drilling: Jack's Hut Copper and Gold

## Shallow copper and gold hits from initial drilling at Jack's Hut

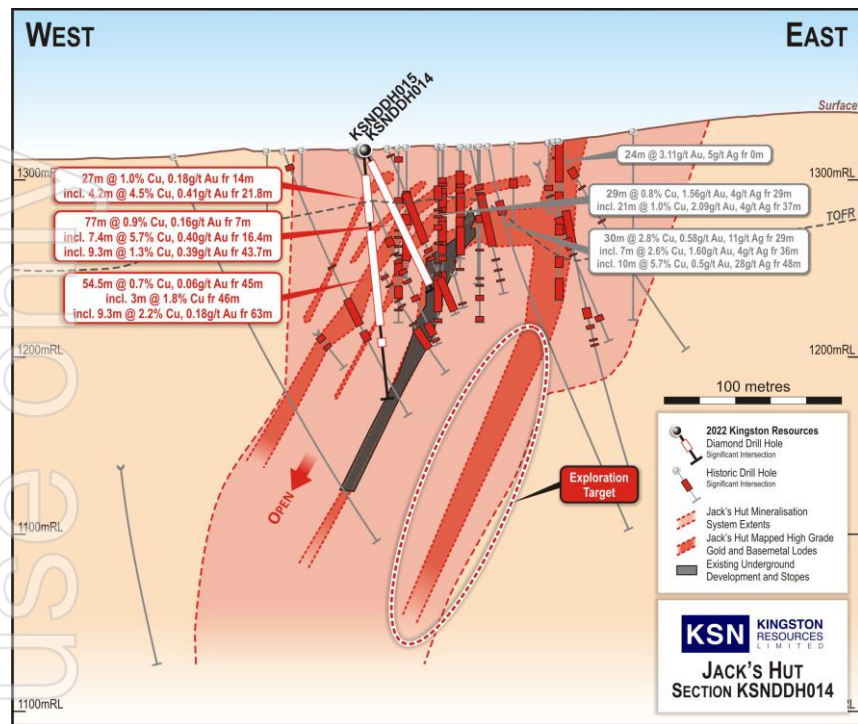


Figure: Jack's Hut Copper and gold target Cross Section KSNDH014 and KSNDH015

- Jack's Hut represents a prospective **low cost, near-term copper production opportunity** with potential to be incorporated into or extend the LOM mine plan that is being developed for Mineral Hill.
- Recent drilling intercepted high grade copper-gold mineralisation inside a broader lower grade mineralised zone, highlights include<sup>1</sup>:
  - 77m @ 0.93% Cu, 0.16g/t Au from 7m, including:
    - 7.4m @ 5.7% Cu, 0.40g/t Au from 16.4m
    - 9.3m @ 1.3% Cu, 0.39g/t Au from 43.7m
  - 27m @ 1.02% Cu, 0.18g/t Au from 14m, including:
    - 4.2m @ 4.5% Cu, 0.41g/t Au from 21.8m
  - 54.5m @ 0.65% Cu, 0.06g/t Au from 45m, including:
    - 9.3m @ 2.2% Cu, 0.18g/t Au from 63m
  - 10.0m @ 1.56% Cu, 0.76g/t Au from 37m, including:
    - 6m @ 2.20% Cu, 1.22g/t Au from 37m

<sup>1</sup> See KSN ASX announcements on 24 August 2022, for further detail



# Regional Exploration Upside

## EL1999 - multiple new priority targets identified



Mineral Exploration Licenses **EL1999** and **EL8334** represent a first-class exploration footprint in the **Cobar Basin**, which hosts **numerous gold and copper-gold occurrences and operating mines**

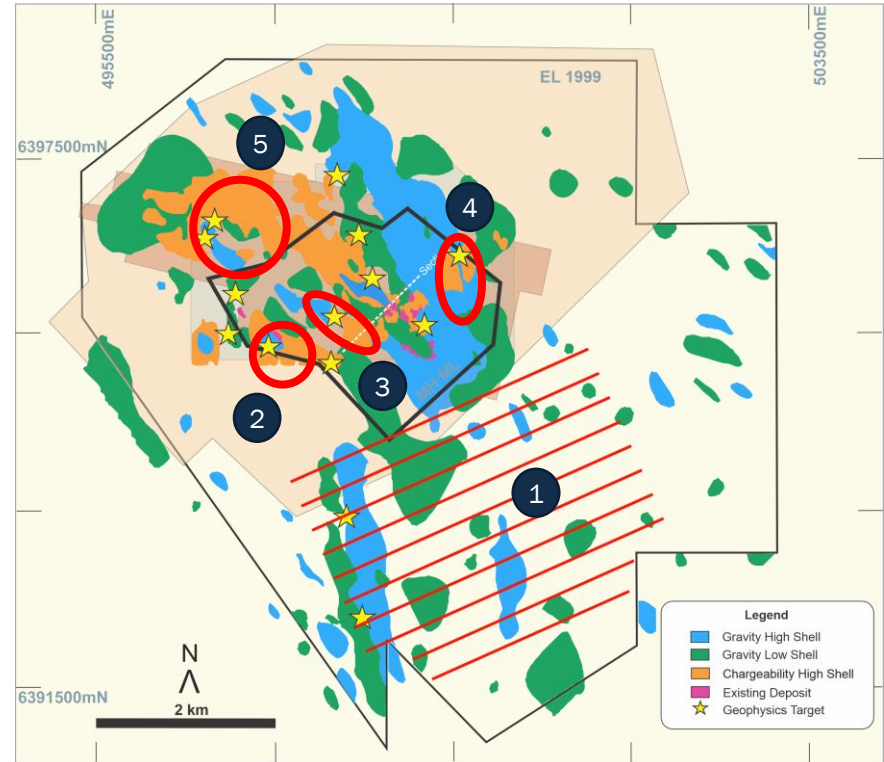


**Five exciting prospects to be developed:**

1. Southern Ore Zone (SOZ) Extension
2. South Aurum
3. Ashes Graben
4. Parkers Hill East
5. Bogong Prospect



Coincident Induced Polarisation (IP) and gravity geophysics anomalies **correlate closely to the existing mineralisation and mined orebodies**. Highly useful targeting tool.



# Regional Exploration Upside

## EL8334 – numerous targets NW of Mineral Hill

Extensive geological work has been undertaken to consolidate data and knowledge of advanced targets.

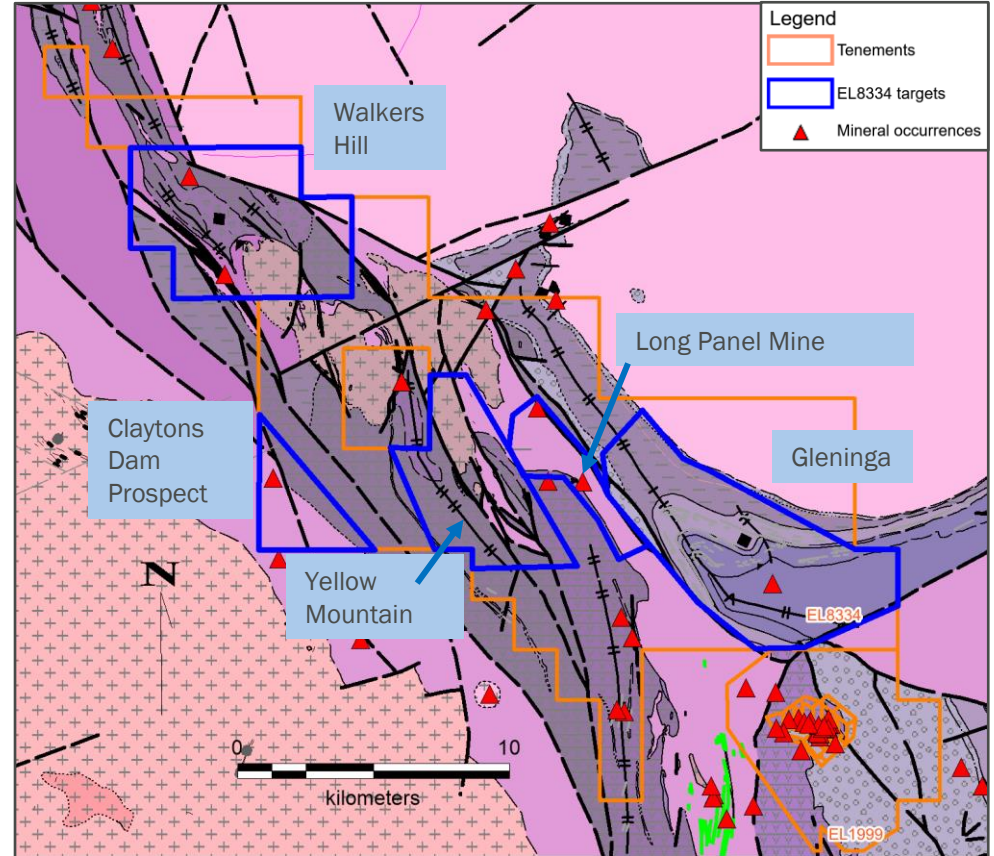
1. Claytons Dam Prospect (gold)
2. Walkers Hill (gold-copper)
3. Long Panel Mine (polymetallic)
4. Gleninga (gold)
5. Yellow Mountain (polymetallic)

Numerous areas of known soil & steam sediment anomalism, some up to 1.5km long.

Historical high grade rock chips up for copper at Long Panel Mine.

High potential for dilation in areas where the Gilmore Fault Zone changes orientation.

Potential for orogenic Au, epithermal Au/Ag or carbonate replacement type mineralisation.



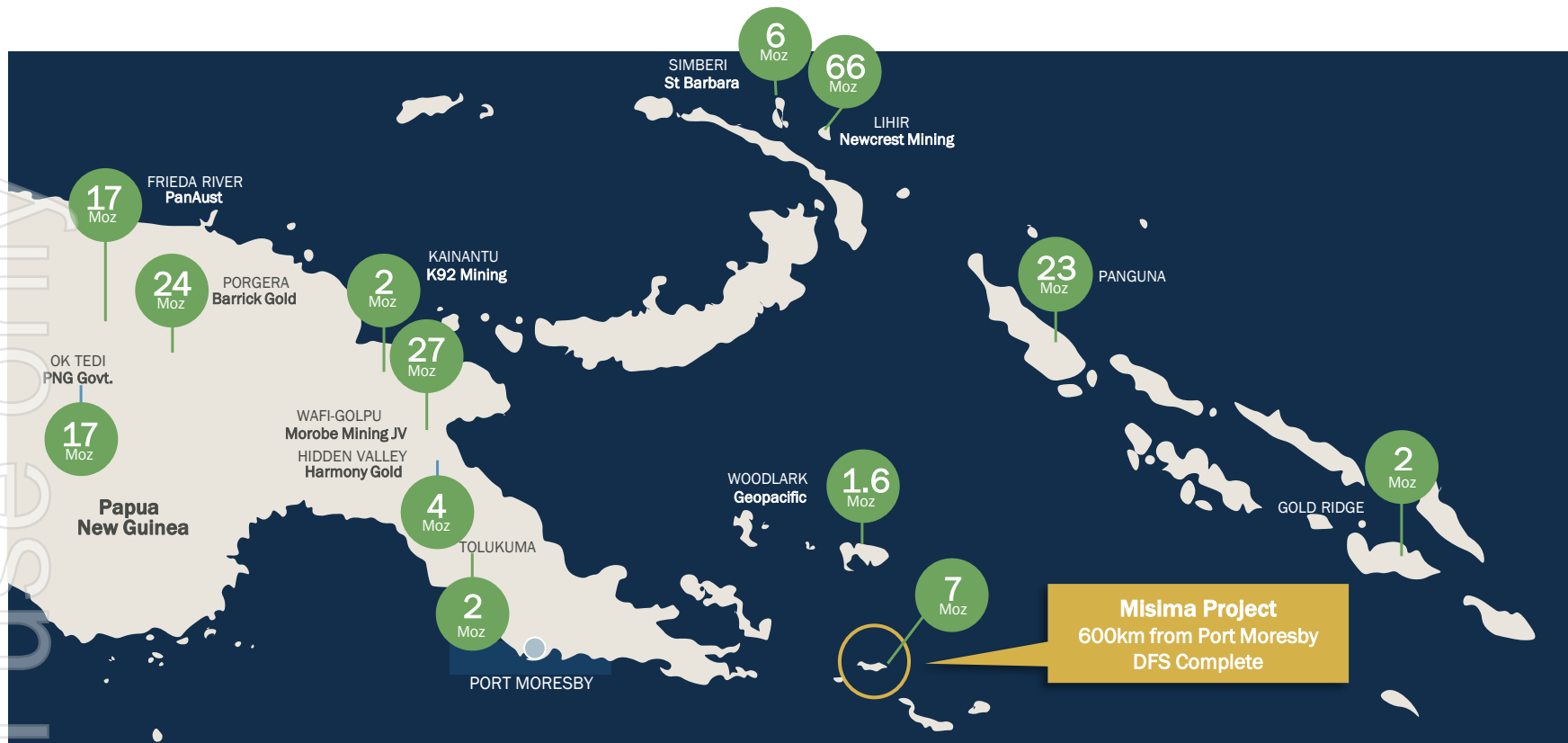




## Misima Update



# PNG – Home of World-Class Mines



# Misima – Definitive Feasibility & Ore Reserve<sup>1</sup>

Large scale, long-life, low-cost open pit Gold and Silver Mine

**3.8Moz Gold**

Resource

**1.73Moz Gold**

Ore Reserve

**22.1Moz Silver**

Resource

**4.1Moz Silver**

Ore Reserve

**2.4Moz**

Production at AISC

**A\$1,217/oz**

20-year life of mine

**\$956m** pre-tax NPV

with

**22% IRR**

**LOM Revenue \$6.1bn**

and

**LOM pre-tax FCF**

**\$2.7bn**

**Extensive**

**mining history**

de-risks development  
pathway

<sup>1</sup> See KSN ASX announcements on 6 June 2022 for further detail

# Reserve Upgrade

## 1.73Moz Reserve underpins long-life Misima Project



Figure: Drill core shed at Misima

### Misima Gold Project Resource & Reserve

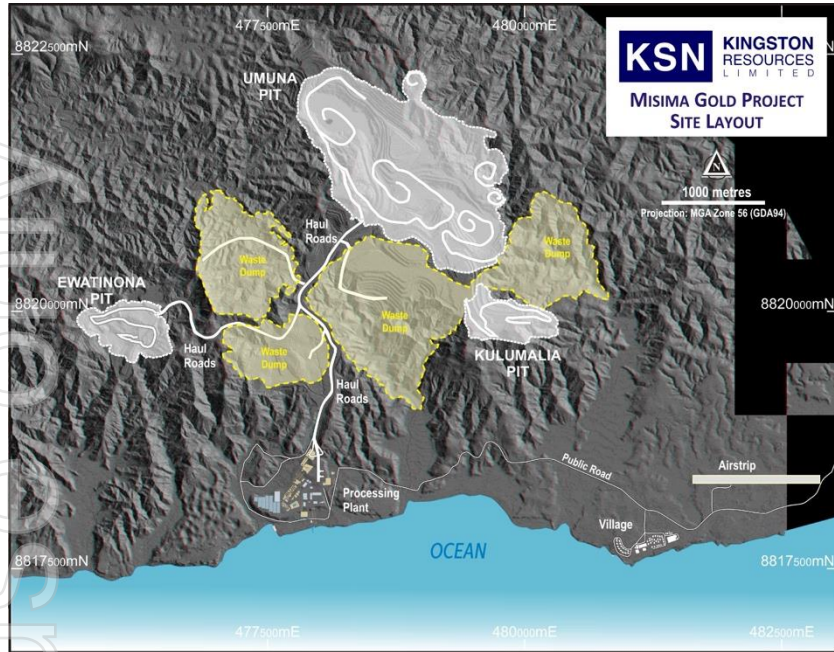
Mineral Resources	Mt	Au g/t	Au Moz
Indicated	98	0.79	2.5
Inferred	71	0.59	1.4
<b>Total Resource</b>	<b>169</b>	<b>0.71</b>	<b>3.8</b>
Ore Reserve	Mt	Au g/t	Au Moz
<b>Probable Reserve</b>	<b>75.6</b>	<b>0.79</b>	<b>1.73</b>

- 28% increase in the **Misima Gold Project JORC Probable Ore Reserve** to 76 @ 0.8 g/t for **1.73Moz**
- Ore reserve – mine plan delivers **15-year mine life**
- Production Target – mine plan delivers **20-year mine life**



# Misima Definitive Feasibility Site and Plant Layout

Excellent infrastructure and proven accessibility



## Misima Gold Project Site Layout

Access is in place to the existing Misima Island infrastructure including roads, airport and ports.



## Misima Gold Project Plant Layout

Simple layout, utilising previous plant location, while leveraging existing land topography and historical footprint.

# Summary: Focus on Executing our Clearly Defined Strategy

Leveraging existing gold-copper asset base while advancing future growth opportunities



01

**Experienced management team** focused on maximising shareholder returns



02

Mineral Hill delivers **extensive Resource base, gold production and cashflow, outstanding copper potential**



03

Focused gold-copper **exploration and five-year development plan** at Mineral Hill



04

Misima holds a **large-scale, low-cost, long life, production opportunity**



05

**Strategic review ongoing** to unlock value within Misima



Figure: KSNDDH015 - 71.9m: Chalcopyrite vein. Sample interval 71.6m to 72.3m: 5.5% Cu, 0.5g/t Au, 13g/t Ag.



A photograph of an industrial facility, likely a refinery or chemical plant. In the background, several large, cylindrical, silver-colored storage tanks are visible. To the left, a tall yellow crane stands against a clear blue sky. In the foreground, a complex network of grey metal structural beams, stairs, and yellow safety railings is prominent. The scene is brightly lit, suggesting a sunny day.

## Appendix



# Mineral Hill Mine

## Environmental and social licence to operate

- Stakeholder engagement – excellent relationship with land-holders, community and Condobolin Chamber of Commerce
- Mining Licences (ML) granted
- Environment protection, cyanide and water permits in place
- Environmental Bonds in place with a staged payment schedule
- Development Applications (DA) approvals in place for tailings (TSF), Pearse pits, SOZ underground
- Mine Operation Plan (MOP) in place for the tailings retreatment, update required before re-commencing hard rock mining
- Biodiversity offset in place, review underway to increase offset by March 2023
- Dam Safety NSW site review complete
- Tailings Dam strategy
  - TSF1 currently being re-processed, approval will be sought for re-use as tailings storage on completion
  - TSF2 approved, lift 4 & 5 designed providing storage capacity for 2.5 years



# Disclaimer

## Competent Person's Statement - Mineral Resource Reported In Accordance with 2012 JORC Code – Mineral Hill

The information in this report that relates to the reporting of the Mineral Hill Mine Mineral Resource Estimate is based on and fairly represents, information and supporting documentation compiled by Mr. Stuart Hayward (BAppSc (Geology)) MAIG, who is a Member of the Australian Institute of Geoscientists. Mr. Stuart Hayward is a full-time employee of Kingston Resources Limited. Mr. Hayward has sufficient experience 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. Hayward confirms that the information in the market announcement provided is an accurate representation of the available data and studies for the material mining project and consents to the inclusion in this report of the matters based upon the information in the form and context in which it appears. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original report.

## Competent Person's Statement - Mineral Resource Reported In Accordance with 2004 JORC Code – Mineral Hill

The information in this release that relates to Mineral Resources is based on information reviewed by Mr. Stuart Hayward (BAppSc (Geology)) MAIG, who is a Member of The Australian Institute of Geoscientists and a full-time employee of Kingston Resources Limited. Mr Hayward has sufficient experience in the style of mineralisation and types of deposit under consideration and to the activity 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. Hayward confirms that the information in the market announcement provided is an accurate representation of the available data and studies for the material mining project and consents to the inclusion in the report of the matters based on his information in the form and context in which it appears. All Mineral Resource estimates were prepared and first disclosed under the JORC Code 2004 and are an accurate representation of the available data and studies for the Mineral Hill Mine. This information has not been updated since to comply with the JORC Code 2012 on the basis that the information has not materially changed since it was last reported. Work will commence on close of acquisition by the Company to bring each of the Mineral Resources into line with the JORC Code 2012.

## Resource and Reserve Cautionary Statement – Mineral Hill

The Ore Reserve and Mineral Resources estimates were prepared by a Competent person in accordance with the JORC Code 2012 with exception of the Parkers Hill and Pearse Mineral Resource Estimates that have been prepared by a Competent Person in accordance with the JORC Code 2004 and have not been updated to comply with the JORC Code 2012 on the basis that the information has not materially changed since it was last reported. Pearse, Parkers Hill and the Southern Ore Zone Mineral Resource estimates and Ore Reserves have been adjusted by mining depletion using the production wireframes created by the site survey department at the time of mining. These wireframes represent the mining activities at these deposits to the best of Kingston's knowledge although they are not to be viewed as complete or accurate in their entirety and therefore mining depletion may be revised when Kingston is able to produce revised determinations on more complete data and verification thereof. Information pertaining to Mineral Resource Estimates (MRE) and Ore Reserves (OR) in this presentation has been previously released to the public. The tables on this page indicate the authors of the historical Resources/Reserves and the dates they were initially published. Kingston is not reporting these estimates as its own with exception of the MRE and OR for the TSF which has not been reported previously by any other company. The other original reports are available through the ASX website.

The Competent Person (JORC 2012) for the TSF Ore Reserve is Mr Jeremy Peters (BSc, BEng) a Fellow of the Australasian Institute of Mining and Metallurgy and Chartered Professional Geologist and Mining Engineer of that organisation. Mr Peters is a full-time employee of Burnt Shirt Pty Ltd and has sufficient relevant experience to act as Competent Person.

## Competent Person's Statement - Mineral Resource Reported In Accordance with 2012 JORC Code – Misima

The information in this report that relates to the reporting of the Misima Mineral Resource Estimate is based on and fairly represents, information and supporting documentation compiled by Mr. Stuart Hayward (BAppSc (Geology)) MAIG, who is a Member of the Australian Institute of Geoscientists. Mr. Stuart Hayward is a full-time employee of Kingston Resources Limited. Mr. Hayward has sufficient experience 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. Hayward confirms that the information in the market announcement provided is an accurate representation of the available data and studies for the material mining project and consents to the inclusion in this report of the matters based upon the information in the form and context in which it appears. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original report.

## Resource and Reserve Cautionary Statement – Misima

The Competent Person signing off on the overall Misima Ore Reserves Estimate is Mr John Wyche BE (Min Hon), of Australian Mine Design and Development Pty Ltd, who is a Fellow of the Australasian Institute of Mining and Metallurgy and who has sufficient relevant experience in operations and consulting for open pit metalliferous mines. Mr Wyche consents to the inclusion in this report of the matters based upon the information in the form and context in which it appears.

Kingston confirms that it is not aware of any new information or data that materially affects the information included in all ASX announcements referenced in this release, and that all material assumptions and technical parameters underpinning the estimates in these announcements continue to apply and have not materially changed.

### Ore Reserve

Deposit	JORC	ASX Announcement	Competent Person	Company
Misima	2012	KSN 06/06/2022	John Wyche	AMDAD
TSF	2012	KSN 18/11/2021	Jeremy Peters	Burnt Shirt
Pearse North	2012	KBL 16/06/2016	Peter Gilligan	KBL
Pearse South	2004	KBL 20/10/2011	Robert Besley	KBL

### Mineral Resource

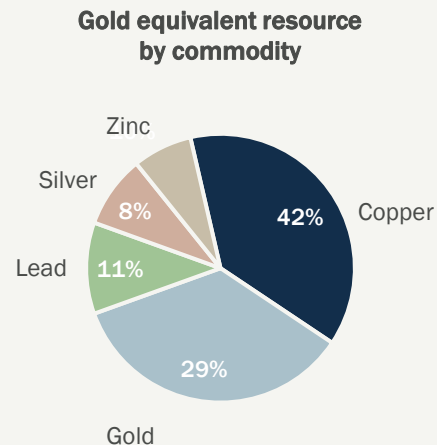
Deposit	JORC	ASX Announcement	Competent Person	Company
Misima	2012	KSN 15/09/2021	Stuart Hayward	KSN
TSF	2012	KSN 18/11/2021	Troy Lowien	Groundwork Plus
Pearse North	2012	KBL 16/06/2016	Owen Thomas	KBL
Southern Ore Zone	2012	KSN 24/11/2022	Stuart Hayward	KSN
Pearse South	2004	KBL 29/10/2010	Robert Besley – Exploration Results Colin Lutherborrow – MRE	KBL Zilloc Pty Ltd
Parkers Hill	2004	KBL 13/09/2011	Anthony Johnston	KBL

# Mineral Hill Mine

## Mineral Hill – resources by classification

Reserves						Resource by Classification		Kt
Deposit	Kt	Au (g/t)	Ag (g/t)	Au (Koz)	Ag (Koz)			
TSF	1,171	1.07		40		Measured	6%	434
Pearse South	83	5.12	85	14	227	Indicated	66%	4,792
Pearse North	179	2.5	21	15	119	Inferred	28%	2,031
<b>TOTAL</b>	<b>1,433</b>	<b>1.5</b>	<b>41</b>	<b>68</b>	<b>346</b>	<b>TOTAL</b>		<b>7,257</b>

Resources											
Deposit	Kt	Au (g/t)	Ag (g/t)	Cu %	Pb %	Zn %	Au (Koz)	Ag (Koz)	Cu (Kt)	Pb (Kt)	Zn (Kt)
TSF	1,171	1.07					40				
South	141	4.82	149				22	676			
North	298	2.70	26				26	249			
Ore Zone	3,804	1.29	19	0.9%	1.6%	1.4%	158	2,374	34	60	54
Parkers Hill	1,843	0.19	43	1.3%	2.1%	0.9%	11	2,520	23	38	17
<b>TOTAL</b>	<b>7,257</b>	<b>1.10</b>	<b>30</b>	<b>1.0%</b>	<b>1.8%</b>	<b>1.3%</b>	<b>284</b>	<b>5,819</b>	<b>57</b>	<b>98</b>	<b>71</b>



- The Ore Reserve and Mineral Resources estimates were prepared by a Competent Person in accordance with the JORC Code 2012 with the exception of the Parkers Hill and Pearse Mineral Resource Estimates which were prepared by a Competent Person in accordance with the JORC Code 2004 and have not been updated to comply with the JORC Code 2012 on the basis that the information has not materially changed since it was last reported. Pearse, Parkers Hill and the Southern Ore Zone Mineral Resource estimates and Ore Reserves have been adjusted by mining depletion using the production wireframes created by the site survey department at the time of mining. These wireframes represent the mining activities at these deposits to the best of Kingston's knowledge although they are not to be viewed as complete or accurate in their entirety and therefore mining depletion may be revised when Kingston is able to produce revised determinations on more complete data and verification thereof.
- Mineral Resources are reported inclusive of Ore Reserves
- See Competent Person details and year of original release on Slide 3
- For full information of Mineral Resource and Ore Reserves see KSN announcement titled "Mineral Hill Mineral Resource and Ore Reserve Statement" released 18 November 2021
- Rounding to significant figures may cause minor computational discrepancies
- For gold equivalent calculations please see the following slides



# Mineral Hill Mine – Resources & Reserves

Attractive commodity base with significant growth potential

Total Reserve Inventory						Proved					Probable				
Deposit	kt	Au (g/t)	Ag (g/t)	Au (koz)	Ag (koz)	kt	Au (g/t)	Ag (g/t)	Au (koz)	Ag (koz)	kt	Au (g/t)	Ag (g/t)	Au (koz)	Ag (koz)
TSF	1,171	1.07		40							1,171	1.1		40	
Pearse South	83	5.12	85	14	227						83	5.1	85	14	227
Pearse North	179	2.5	21	15	119	55	2.3	17	4	31	124	2.6	22	10	119
<b>TOTAL</b>	<b>1,433</b>	<b>1.5</b>	<b>41</b>	<b>68</b>	<b>346</b>	<b>55</b>	<b>2.3</b>	<b>17</b>	<b>4</b>	<b>31</b>	<b>2,017</b>	<b>1.4</b>	<b>5</b>	<b>67</b>	<b>315</b>

Total Resource Inventory												
Deposit	kt	Au (g/t)	Ag (g/t)	Cu %	Pb %	Zn %	Au (koz)	Ag (koz)	Cu (kt)	Pb (kt)	Zn (kt)	
TSF	1,171	1.07					40					
Pearse South	141	4.82	149				22	676				
Pearse North	298	2.71	26				26	252				
Southern Ore Zone	3,804	1.29	19	0.9	1.6	1.4	158	2,349	34	60	54	
Parkers Hill	1,843	0.19	43	1.3	2.1	0.9	11	2,520	23	39	17	
<b>TOTAL</b>	<b>7,257</b>	<b>1.10</b>	<b>25</b>	<b>0.8</b>	<b>1.4</b>	<b>1.0</b>	<b>257</b>	<b>5,797</b>	<b>57</b>	<b>140</b>	<b>71</b>	

Measured Resource Inventory											
Deposit	kt	Au (g/t)	Ag (g/t)	Cu %	Pb %	Zn %	Au (koz)	Ag (koz)	Cu (kt)	Pb (kt)	Zn (kt)
Pearse South	141	4.82	149				22	676			
Pearse North	65	2.4	19				5	40			
Southern Ore Zone	228	2.11	11	1.3%	0.5%	0.3%	15	80	3	1	1
<b>TOTAL</b>	<b>434</b>	<b>3.03</b>	<b>56.98</b>	<b>0.7%</b>	<b>0.3%</b>	<b>0.2%</b>	<b>42</b>	<b>796</b>	<b>3</b>	<b>1.2</b>	<b>0.7</b>

Indicated Resource Inventory												
TSF	1,171	1.07					40					
Pearse South	164	4.1	85									
Pearse North	224	3	25				22	180				
Southern Ore Zone	1,622	1.28	20	1	1.8	1.5	67	1,043	16	29	24	
Parkers Hill	1,793	0.19	42	1.3	2.1	0.9	11	2,443	23	38	16	
<b>TOTAL</b>	<b>4,542</b>	<b>1.01</b>	<b>26</b>	<b>0.8</b>	<b>1.4</b>	<b>0.8</b>	<b>147</b>	<b>####</b>	<b>36</b>	<b>62</b>	<b>37</b>	

Inferred Resource Inventory											
Pearse North	27	2	16				2	14			
Southern Ore Zone	1954	1.2	20	0.7%	1.6%	1.5%	75	1256	15	31	29
Parkers Hill	50	0.2	48	0.7%	1.8%	2.4%	0	77	0	1	1
<b>TOTAL</b>	<b>2,031</b>	<b>1.19</b>	<b>21</b>	<b>0.7%</b>	<b>1.6%</b>	<b>1.5%</b>	<b>77.4</b>	<b>1347</b>	<b>15</b>	<b>32</b>	<b>30</b>

- The Ore Reserve and Mineral Resources estimates were prepared by a Competent person in accordance with the JORC Code 2012 with exception of the Parkers Hill and Pearse Mineral Resource Estimates that have been prepared by a Competent Person in accordance with the JORC Code 2004 and have not been updated to comply with the JORC Code 2012 on the basis that the information has not materially changed since it was last reported.
- Pearse, Parkers Hill and the Southern Ore Zone Mineral Resource estimates and Ore Reserves have been adjusted by mining depletion using the production wireframes created by the site survey department at the time of mining. These wireframes represent the mining activities at these deposits to the best of Kingston's knowledge although they are not to be viewed as complete or accurate in their entirety and therefore mining depletion may be revised when Kingston is able to produce revised determinations on more complete data and verification thereof.
- Mineral Resources are reported inclusive of Ore Reserves
- See Competent Person details and year of original release on slide 3
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# Mineral Hill Mine – Resources & Reserves

## Au equivalent calculation metrics

- Au Eq conversion factors are calculated by dividing price/unit for each commodity (Ag/oz, Cu/t, Pb/t, Zn/t) by the price/oz of gold.
- Recoveries based on historical production (2010-2016) as well as metallurgical test work are applied to the Resource and Reserve calculated metal for each commodity.
- The calculated metal is multiplied by the conversion factor for that commodity in the conversion table to produce an Au equivalent contained metal in ounces.
- Total Au equivalent ounces are calculated per deposit by summation of the individual Au equivalents for each commodity.
- The total Au equivalents for each deposit are summed to represent the total Au equivalent contained metal at Mineral Hill.
- Total Resources Mineral Hill recovery adjusted grade is calculated by multiplying the calculated Au Eq Oz by 31.1 and then dividing by the total tonnes.

The Company is of the opinion that all the elements included in the gold equivalent calculation have a demonstrated potential to be recovered and sold. The Mineral Hill Mine has a CIL circuit, Cu flotation circuit, Pb flotation circuit and Zn flotation circuit to produce three different concentrates as well as gold dore.

**Gold Equivalent Formula:**  

$$\text{Au Eq} = ((\text{Au Oz} * r) + (0.014 * \text{Ag Oz} * r) + (4.928 * \text{Cu t} * r) + (1.101 * \text{Pb t} * r) + (1.391 * \text{Zn t} * r))$$
 where r = the recovery % for each commodity per deposit

### Price Assumptions

Prices for equivalency calculations		
Gold	US\$/oz	1725
Copper	US\$/t	8500
Lead	US\$/t	1900
Zinc	US\$/t	2400
Silver	US\$/oz	24

### Conversion Factors

Au Oz equiv	AUD
1.000	0.75
4.928	
1.101	
1.391	
0.014	

### Au Eq Conversion Table

	kt	Contained Metal and Grade										Total Recoveries %					Au Eq	
		Au g/t	Au koz	Ag g/t	Ag koz	Cu %	Cu kt	Pb %	Pb kt	Zn %	Zn kt	Cu	Au	Ag	Pb	Zn	Adjusted Grade	Au Eq koz
<b>Tailings Resource</b>	<b>1,171</b>	<b>1.07</b>	<b>40</b>										<b>65%</b>				<b>0.69</b>	<b>40</b>
<b>Tailings Reserve</b>	<b>1,171</b>	<b>1.07</b>	<b>40</b>										<b>65%</b>				<b>0.69</b>	<b>26</b>
Pearse South Resource	141	4.82	22	149	676								75%	62%			4.90	22
Pearse North Resource	298	2.7	26	26	249												2.25	22
<b>Total Pearse Resource</b>	<b>439</b>	<b>3.38</b>	<b>48</b>	<b>66</b>	<b>925</b>												<b>3.10</b>	<b>44</b>
Pearse South Reserve	83	5.12	14	85	227								75%	62%			4.57	12
Pearse North Reserve	179	2.5	15	21	119								75%	62%			2.07	12
<b>Total Pearse Reserve</b>	<b>262</b>	<b>3.34</b>	<b>28</b>	<b>41</b>	<b>346</b>												<b>2.86</b>	<b>24</b>
<b>Southern Ore Zone Resource</b>	<b>3,804</b>	<b>1.29</b>	<b>158</b>	<b>19</b>	<b>2,349</b>	<b>0.9%</b>	<b>34</b>	<b>1.6%</b>	<b>60</b>	<b>1.4%</b>	<b>54</b>	<b>85%</b>	<b>75%</b>	<b>70%</b>	<b>85%</b>	<b>70%</b>	<b>3.44</b>	<b>420</b>
<b>Parker's Hill Oxide Resources</b>	<b>654</b>			<b>50</b>	<b>1,051</b>	<b>0.5%</b>	<b>3</b>	<b>3.7%</b>	<b>24</b>	<b>0.4%</b>	<b>2</b>	<b>50%</b>	<b>70%</b>	<b>60%</b>	<b>65%</b>	<b>65%</b>	<b>1.74</b>	<b>37</b>
<b>Parker's Hill Sulphide Resources</b>	<b>1,189</b>	<b>0.3</b>	<b>11</b>	<b>38</b>	<b>1,453</b>	<b>1.7%</b>	<b>20</b>	<b>1.3%</b>	<b>15</b>	<b>1.2%</b>	<b>14</b>	<b>85%</b>	<b>75%</b>	<b>70%</b>	<b>85%</b>	<b>70%</b>	<b>3.52</b>	<b>135</b>

# Misima Gold Project – Resources & Reserves

## Misima Resources & Reserves

Indicated Resource Inventory						
Deposit	Mt	Au (g/t)	Ag (g/t)	C/O	Au (Moz)	Ag (Moz)
Umuna	93.5	0.78	4.3	0.3	2.4	13.1
Ewatinona	4.2	0.88	2.6	0.3	0.12	0.3
Cooktown Stockpile	-	-	-	-	-	-
<b>TOTAL</b>	<b>97.7</b>	<b>0.79</b>	<b>4.3</b>		<b>2.5</b>	<b>13.4</b>

Inferred Resource Inventory						
Deposit	Mt	Au (g/t)	Ag (g/t)	C/O	Au (Moz)	Ag (Moz)
Umuna	64.1	0.58	3.8	0.3	1.2	7.5
Ewatinona	3.4	0.74	3.2	0.3	0.08	0.3
Cooktown Stockpile	3.8	0.65	7	0.5	0.1	0.9
<b>TOTAL</b>	<b>71.3</b>	<b>0.59</b>	<b>3.8</b>		<b>1.4</b>	<b>8.7</b>

Misima Resources Total						
Deposit	Mt	Au (g/t)	Ag (g/t)	C/O	Au (Moz)	Ag (Moz)
Umuna	157.6	0.7	4.1	0.3	3.6	20.5
Ewatinona	7.6	0.81	2.8	0.3	0.2	0.7
Cooktown Stockpile	3.8	0.65	7	0.5	0.1	0.9
<b>TOTAL</b>	<b>169</b>	<b>0.71</b>	<b>4.1</b>	-	<b>3.8</b>	<b>22.1</b>

Misima Total Reserve Inventory (100 % probable)					
Deposit	Mt	Au (g/t)	Ag (g/t)	Au (koz)	Ag (koz)
Umuna	71.7	0.79	4.6	1,816	10,612
Ewatinona	3.9	0.81	2.4	101	303
<b>TOTAL</b>	<b>75.6</b>	<b>0.79</b>	<b>4.5</b>	<b>1,917</b>	<b>10,915</b>



- Mineral Resources are reported inclusive of Ore Reserves
- See Competent Person details and year of original release on slide 24
- For full information of Mineral Resource and Ore Reserves see KSN announcements released 18 November 2021 and 6 June 2022
- Rounding to significant figures may cause minor computational discrepancies
- Misima Resource is comprised of Indicated and Inferred material
- Reserves are shown on an unrecovered basis