

# **Rising GOLD DEVELOPER in the Asia-Pacific**

Corporate Presentation – May 2021 Andrew Corbett, Managing Director



Building a substantial new ASX-listed gold producer

#### KSN KINGSTON RESOURCES LIMITED

ASX: KSN

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#### **Competent Persons Statement**

The information in this report that relates to Exploration Results and Mineral Resources is based on information compiled by Mr Stuart Hayward (BAppSc (Geology)) MAIG, a Competent Person who is a member of the Australian Institute of Geoscientists. Mr Hayward is an employee of the Company and 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 "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Hayward consents to the inclusion in this report of the matters based upon the information in the form and context in which it appears.

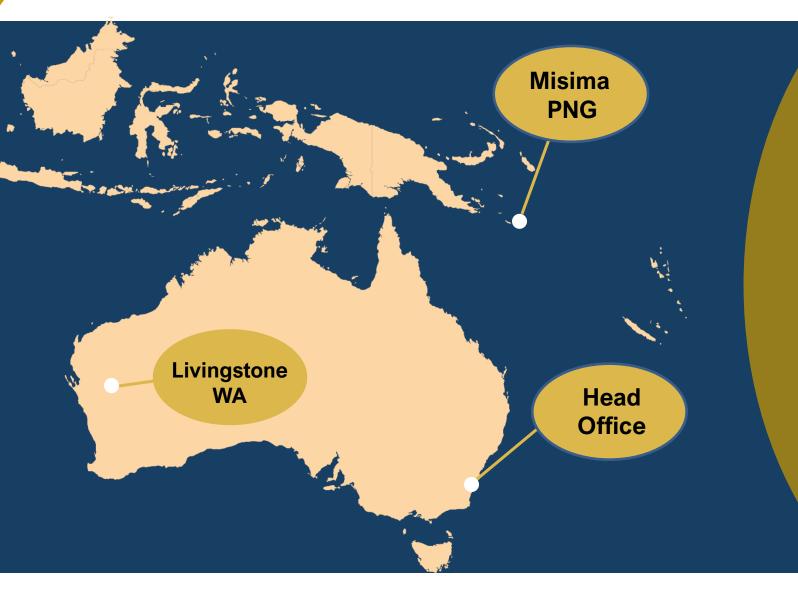
The Competent Person signing off on the overall Ore Reserves Estimate is Mr John Wyche (BE (Min Hon)), of Australian Mine Design and Development Pty Ltd, who is a Fellow of the Australasian Institute of Mining and Metallurgy and who has sufficient relevant experience in operations and consulting for 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, including references to the Pre-Feasibility Study, Resource and Reserve announcements, and that all material assumptions and technical parameters underpinning the estimates in these announcements continue to apply and have not materially changed.

#### **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.

# **A Fast-Growing Gold Developer**



Our vision is to create an ASX listed mid-tier gold producer operating in the Asia-Pacific

Leverage the **Misima Gold Project** as our cornerstone asset to build a mid-tier gold company

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

# PNG a world class geological setting

#### **MISIMA PROJECT**

600km from Port Moresby VISION



Misima: the next low-cost, large-scale gold producer in the Asia-Pacific

#### Misima Pre-Feasibility & Ore Reserve #1

3.60Moz Gold Resource 1.35Moz Gold Ore Reserve

130kozpa Production
at AISC A\$1,159/oz,
17-year life of mine

24.2Moz Silver Resource 6.5Moz Silver Ore Reserve

\$822m pre-tax NPV with 33% IRR

Substantial upside

with drilling to grow Resources and Reserves Extensive mining history de-risks development pathway

### **Capital Structure and Board of Directors**



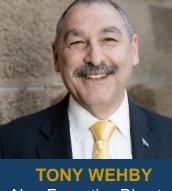
MICK WILKES Chairman



ANDREW CORBETT Managing Director

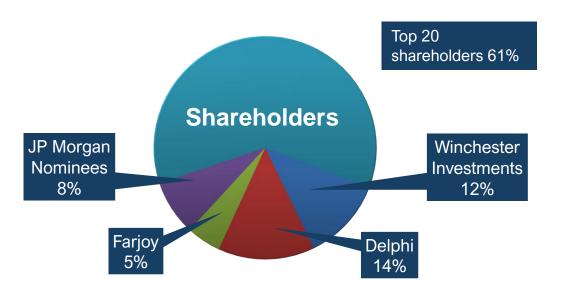


STUART RECHNER Non-Executive Director



Non-Executive Director

Share Price	A\$0.21
<b>Issued Shares</b>	<b>282M</b>
Market Cap	\$60M
Enterprise Value	\$46M
Cash (31 Mar 2021)	\$13.5M





# **Sustainability**

### Safety

- Zero LTI's
- COVID-19 Management Plan in place
- Baseline data for TRIFR
- Introduced Take 5 & JSRA

#### **Environment**

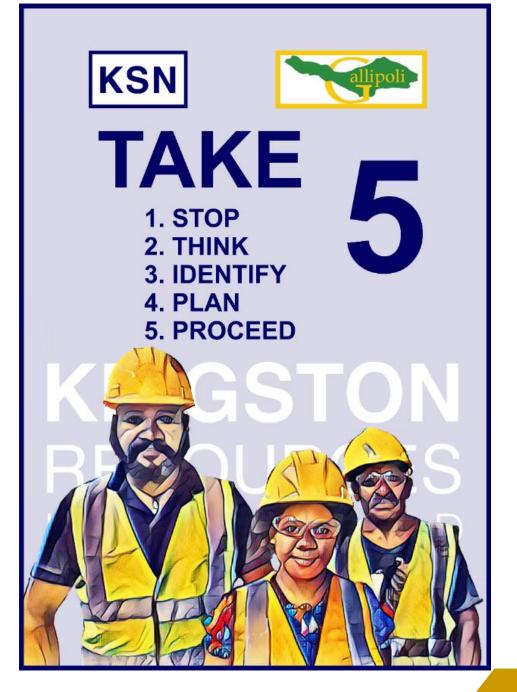
- Zero environmental noncompliance
- Aware of our operational footprint
- Eliminate hydrocarbon spillage
- ESIA underway

#### People

- PNG employees +90%
- Can-do culture
- Attract and retain the right people
- Caring for our people

#### Community

- Local employment
- · Listen and understand
- Working together
- Strong engagement and support



#### **MISIMA ISLAND**

+100 years of production, +7Moz endowment to date

#### SCALE

3.6Moz Au & 24.2Moz Ag Resource, 1.35Moz Au & 6.48Moz Ag Reserve

#### **ADVANTAGE**

Brownfields site, skilled workforce, supportive community

#### **HISTORY**

Operated by Placer as 5.5Mtpa CIL operation for 15 years



Historical photograph of Misima mill



## Misima Pre-Feasibility Study

- Misima PFS completed in November 2020 demonstrating the robust economics of the project.
- Development underpinned by 3.6Moz Resource<sup>1</sup> and 1.35Moz Reserve<sup>1</sup>
- Leveraging off 15 years of previous production history:
  - New plant largely replicates successful Placer design
  - Haul roads, port, airstrip in place
  - Pit, plant, camp, haul road, port locations all unchanged
  - Geotechnical and metallurgical information well understood
- Brownfields development site delivers capital cost advantages
- Low-cost operation driven by geology and scale
- Strong community support for advancing the project
- The **Definitive Feasibility Study** is due to be released in H2 2021

1. See KSN ASX announcement on 24 Nov 2020 for further detail

# **Misima Pre-Feasibility Study**

#### • PFS delivered **exceptional economics**<sup>1,2</sup>:

- ✓ 17-year mine life at 130,000oz average annual production
- ✓ LOM average AISC A\$1,159/oz
- ✓ LOM Revenue A\$4.9 billion
- ✓ LOM Free Cash Flow A\$1.5 billion
- Pre-tax NPV of A\$822m, (8% disc. rate, US\$1600/oz Au)
  - ✓ Pre-tax IRR 33%
  - ✓ Payback period 4.7 years
- Capital expenditure A\$283m, including A\$37m contingency
- Low-cost mining and processing, driven by:
  - $\checkmark$  Coarse grind, low bond work index, low power consumption
  - ✓ Low deleterious elements
  - ✓ Long and well understood history of successful mining and processing
  - Low-cost operating environment in PNG

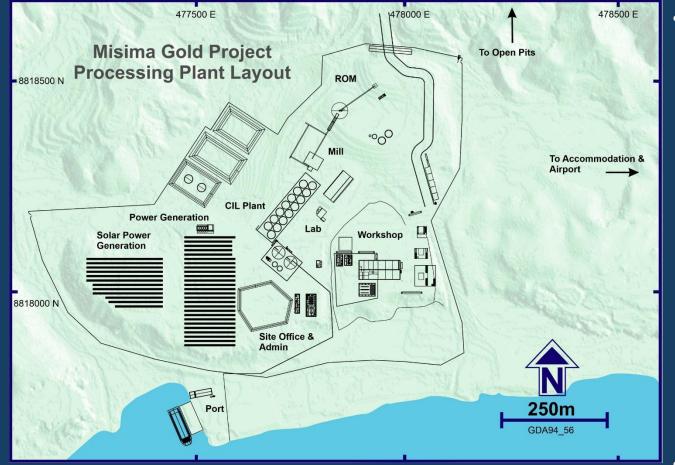
PFS metric	Units	Value	
LOM	Years	17	
LOM gold production	OZ	2,133,157	
LOM average annual gold production	OZ	129,282	
Annual mill throughput	Mt	5.5	
Capital expenditure	A\$m	283	
LOM AISC	A\$/oz	1,159	
LOM average recovery	%	89.4%	
LOM strip ratio	waste:ore	5.1	
LOM strip ratio (excluding backfill)	waste:ore	3.7	
Gold Price	US\$/oz	\$1600	\$1900
Exchange Rate	AUD:USD	\$0.70	\$0.70
LOM revenue	A\$m	5,081	5,996
LOM free cash flow	A\$m	1,466	2,094
NPV (8%) pre tax	A\$m	822	1,279
NPV (8%) post tax	A\$m	535	857
IRR pre-tax	%	33%	48%
IRR post-tax	%	26%	37%
Payback	years	4.67	2.75

1. See KSN ASX announcement on 24 November 2020 for further detail

2. PFS is based upon a Production Target derived from the JORC Code 2012 Compliant Mineral Resource Estimate inclusive of the Probable Ore Reserve referred to in this presentation. The Company advises that the Probable Ore Reserve provides 54% of the total milled tonnage and 57% of the total contained gold metal, the Indicated Resource outside the Ore Reserve provides a further 7% of the total milled tonnage and 7% of the total contained gold metal. The remaining tonnage (39%) and contained ounces (36%) is comprised of Inferred Resources

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### **Pre-Feasibility Site Layout**



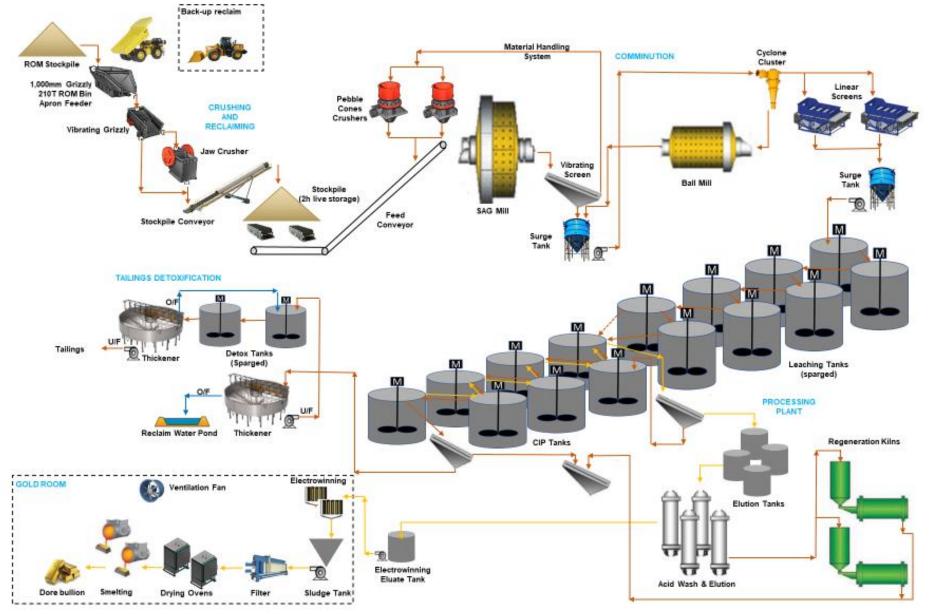
#### • Kingston to mine and process the same orebody

- Utilising previous process plant location
- Leveraging existing land topography and previous footprint
- Excellent access to current Misima Island facilities such as roads, airport, and ports
- Simple layout utilising historical footprint
- Access existing haul road
- Access existing port location
- Under Placer, Misima delivered 3.7Moz at a LOM cash costs of US\$218/oz over 15 years<sup>1</sup>

1. Placer Annual production records 1989 to 2004

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### **Misima PFS – Proven and Simple Process Flowsheet**

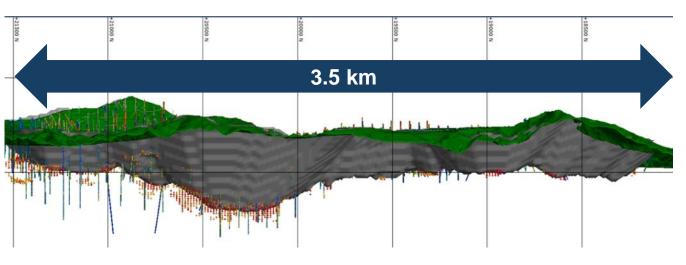


# **Umuna Deposit: 3.3Moz Resource**

#### Umuna Resource: 133Mt @ 0.78g/t Au, 5.3g/t Ag

Exceptional upside potential:

- Umuna open pit previously produced over 3.5Moz Au
- Resource is drill-constrained with outstanding potential to increase ounces at depth and to the north
- Shallow drilling with average hole depth ~119m and only 9% of holes exceeding 200m



Misima - Umuna Lode 478 500mE 479 000mE Section 20 450mN ±25m North East South West Current Surface 200mRL Umuna Open Pit 8m @ 6.52g/t Au **Back Fill** 32m @ 2.02g/t Au incl. 10m @ 4.00g/t Au 30m @ 2.79g/t Au 0mR incl. 18m @ 4.26g/t Au 18m @ 1.75g/t Au 40m @ 3.17g/t Au incl. 6m @ 14.06g/t Au Recent Diamond Drill Hole Historical Drill Hole Mineralised Intersection >0.5a/t Au Selected Intersection Recent Drilling Result 2m@ Historical Drilling Result Gold Mineralisation Shear Prospectivity 100m -200mRI

#### **Drilling highlights**<sup>1</sup>:

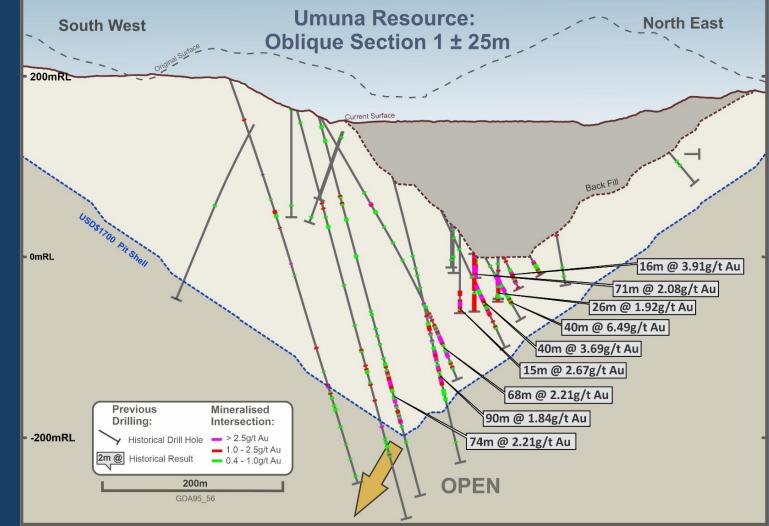
40m @ 3.17g/t Au and 10.9g/t Ag from 234m, incl. 6m @ 14.06g/t Au and 13.3g/t Ag from 268m
27m @ 1.08g/t Au and 4.1g/t Ag from 129m
56m @ 1.01g/t Au and 7.1g/t Ag from 110m
10m @ 1.25g/t Au and 1.4g/t Ag from 92m
10m @ 1.76g/t Au and 1.5g/t Ag from 151m

1. KSN.ASX announcements 18/2/19, 8/11/18, 23/8/18, 21/5/20, 24/11/20 www.kingstonresources.com.au | ASX: KSN

## **Umuna Deposit: High-Grade Structures**

Umuna hosts a number of high-grade structures inside a broader mineralised corridor. Intersections include<sup>1</sup>:

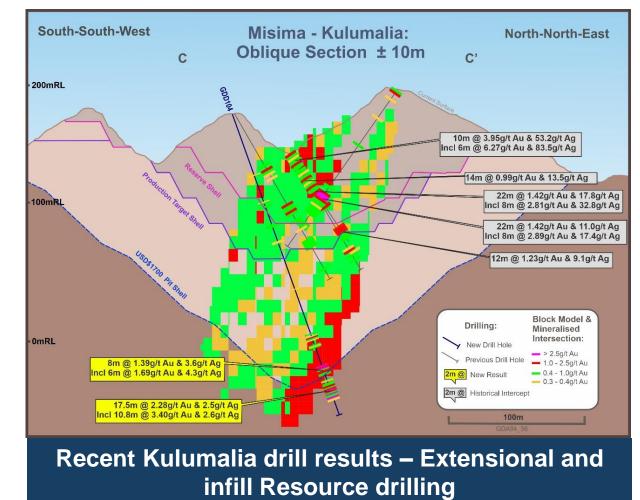
84m @ 7.20g/t Au 20m @ 17.04g/t Au 36m @ 8.50g/t Au 64m @ 4.13g/t Au 40m @ 6.49g/t Au 78m @ 2.76g/t Au 57m @ 3.39g/t Au 90m @ 1.84g/t Au 66m @ 2.40g/t Au 68m @ 2.21g/t Au 71m @ 2.08g/t Au 40m @ 3.69g/t Au 76m @ 1.88g/t Au 52m @ 2.51g/t Au 31m @ 4.04g/t Au



14

# **Resource drilling at Kulumalia**

- Drilling at Kulumalia, located at the southern end of the Umuna orebody, has returned positive assay results:
  - > 20.7m @ 2.52g/t Au & 86.1g/t Ag from 99m
  - > 17.5m @ 2.28g/t Au & 2.5g/t Ag from 222m
  - > 14.2m @ 1.61g/t Au & 4.0g/t Ag from 147m
  - > 22.4m @ 0.99g/t Au & 27.8g/t Ag from 212m
  - > 10.7m @ 1.34g/t Au & 8.1g/t Ag from 44m
  - > 9.1m @ 1.6g/t Au & 10.5g/t Ag from 195m
  - > 3.8m @ 2.42g/t Au & 1.5g/t Ag from 184m
- Significant high-grade silver assays returned within and immediately adjacent to the gold mineralisation:
  - > 7.2m @ 150g/t Ag from 28m
  - > 3.6m @ 195g/t Ag from 27m
  - > 4.9m @ 172g/t Ag from 49m
  - > 2m @ 192g/t Ag & 0.68g/t Au from 87m
  - > 37.4m @ 90.9g/t Ag & 1.5g/t Au from 92m
  - > 21.5m @ 62.2g/t Ag from 169m
  - > 13m @ 59.3g/t Ag from 215m
  - > 8m @ 40.8g/t Ag from 119m
  - > 2m @ 163g/t Ag from 3m



# **Misima Exploration Strategy**

- Current Misima Resource is open at depth and drillconstrained
- Exploration focus remains on near-surface mineralisation and key exploration targets include:
  - Abi: Follow-up discovery hole GDD044<sup>1</sup>
    - 23.6m @ 2.91g/t Au from 7.4m, incl. 13.5m @ 4.60g/t Au from 17.5m
  - Kobel & Maika: Historically mined by Placer with limited modern exploration since mine closure
  - Umuna East: Near-surface oxide target successfully drilled in 2019 exploration program<sup>1</sup>
  - Ewatinona: 200koz Resource, mineralisation open at depth and along strike
  - Misima North: >4km untested strike, structural targets with potential for Umuna repeats



MISIMA GOLD PROJECT TARGET AREAS Recent drilling has successfully targeted shallow mineralisation across several key prospects

<sup>1.</sup> KSN.ASX announcements 29/1/19, 18/9/2019

# **Community Support the Key to Success**

130-year history of mining experience

Skilled resident workforce, with +100 FIFO Misima residents

Strong local support of Kingston's program, residents keen to see mine re-open

Community development roadmap in place that underpins strong engagement:

- Identify landowner priorities
- Community meetings
- Local employment
- Community support projects
- Identify sustainable business opportunities

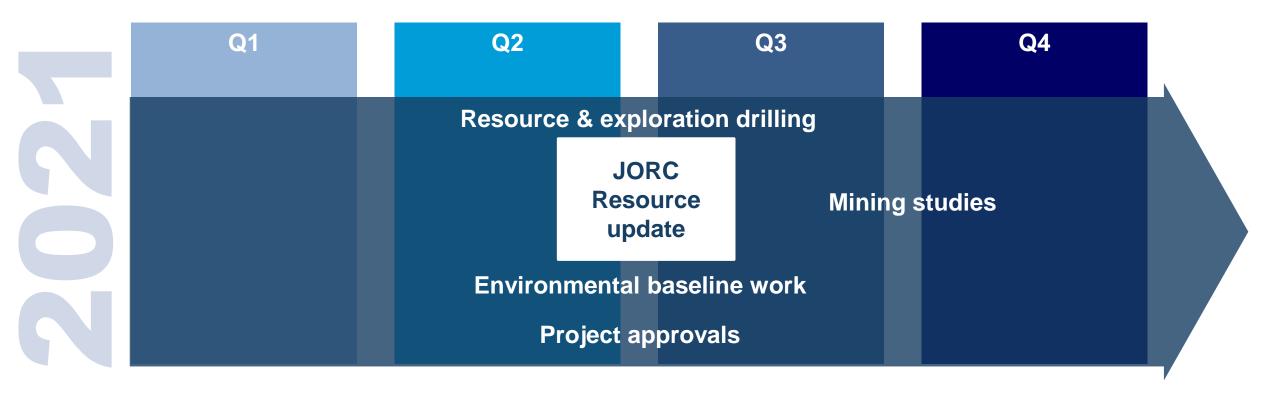
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	Misima locals	PNG nationals	Expatriates
Placer 1989-03	79%	5%	17%
Kingston current	78%	20%	2%



Misima School's year-7 excursion to core yard

# **Misima: Active Work Program Advancing**



#### Advancing development focus

- Environmental baseline work ongoing, ESIA activity to step-up post PFS
- Targeting resource update by mid-2021, with commencement of DFS to follow
- Geotechnical and metallurgical test work for DFS underway
- Drilling to continue throughout CY2021

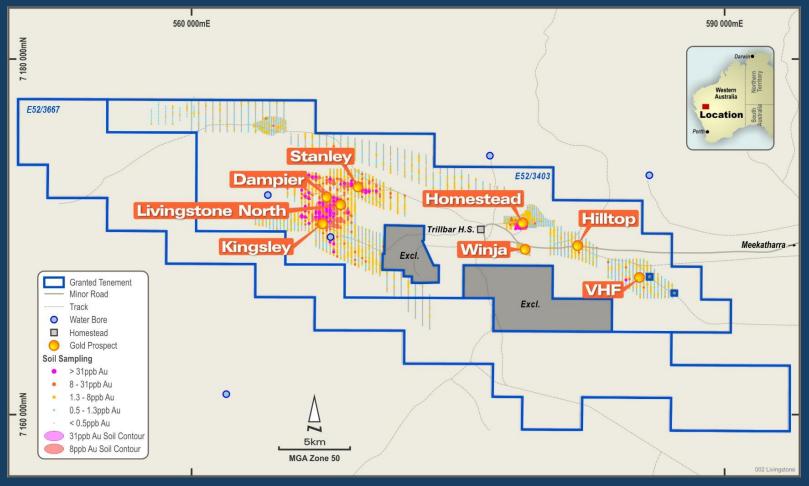
# Livingstone Gold Project, WA (75%)

- Kingsley prospect discovered in 2018 below auger soil anomaly
- Homestead Prospect contains a 49,000oz JORC 2004 Resource<sup>1</sup>, with shallow high-grade intersections including:

18m @ 7.85g/t Au from 68m 5m @ 20.5g/t Au from 3m 7m @ 12.59g/t Au from 35m

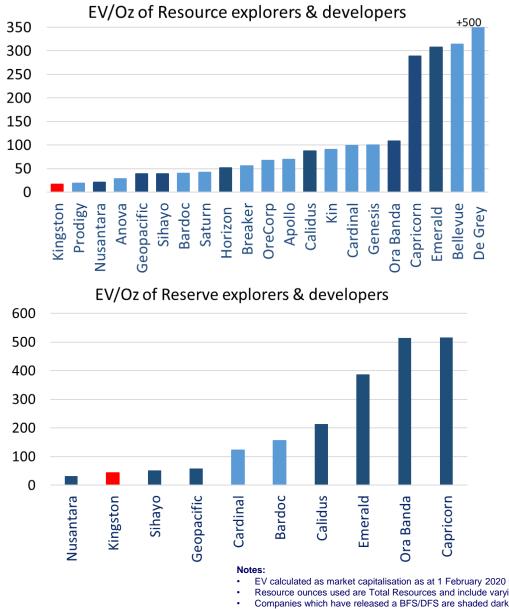
Best intercepts at Kingsley reported to date include<sup>1</sup>:

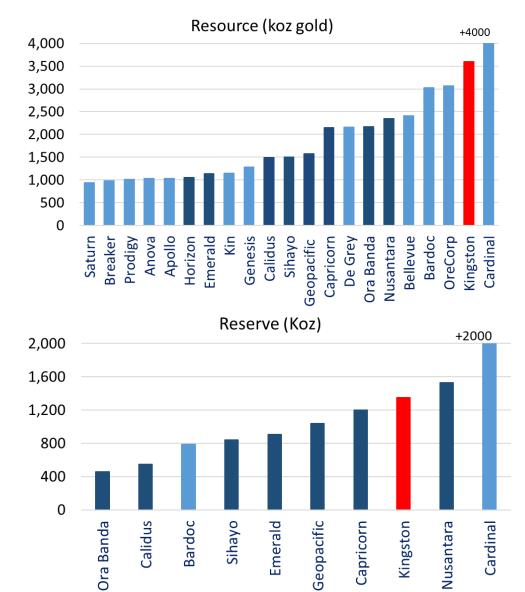
1m @ 100.25g/t Au from 88m 15m @ 4.66g/t Au from surface 10m @ 11.95g/t Au from 20m 22m @ 3.65g/t Au from 20m, 5m @ 3.68 g/t Au from 12m 10m @ 4.15g/t Au from surface, 8m @ 3.32g/t Au from 92m 20m @ 1.96 g/t Au from 1m



1. See KSN announcements 29/11/16, 12/4/17, 5/11/18, 24/9/19, 20/8/20, 14/9/20, 30/9/20

## **Peer Comparison**





EV calculated as market capitalisation as at 1 February 2020 plus net debt as at 31 Dec 2020

Resource ounces used are Total Resources and include varying compositions of Measured, Indicated and Inferred. Reserve ounces are Total Reserve and include varying compositions of Proven and Probable

Companies which have released a BFS/DFS are shaded dark blue, remaining companies are at an earlier stage of exploration/development.

Cautionary Statement: The companies included in the above tables and graphs have a varying composition of measured, indicated and inferred resource as well as proven and probable reserves and are at various stages of development, they are not intended to be identical in nature to Kingston Resources

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For data sources please see Slide 23

- ✓ Exceptional large-scale production at Misima
- PFS 17-year mine life at 130,000oz pa at a low AISC of A\$1,159/oz
- Significantly de-risked
   given extensive production history
- 3.6Moz Resource and 1.35Moz Reserve
   the backbone of development strategy
- ✓ Misima ticks all the boxes
  - proven geological setting,
  - proven production history
  - high-quality untested exploration targets
- Drilling at the high-grade
   Livingstone Gold Project
- Experienced board and management team \_\_\_\_\_
  - proven project development track record

Kingston Resources' vision is to become a significant new ASX-listed gold producer operating in the Asia-Pacific region

## **Appendix: Data Sources**

EV/Oz and Total Resource and Total Reserve Charts – Slide 17 - Resource data for the included companies is sourced from the following announcements or reports				
Company	Release Date	Announcement/Report		
Anova Metals	18 Oct 2019	2019 Annual Report		
Apollo Consolidated	28 April 2020	Corporate Presentation		
Bardoc	17 March 2020	Bardoc PFS confirms potential for long-life gold project		
Bellevue Gold	24 Feb 2020	Bellevue Resource increases 23% - Maiden Resource at Deacon		
Breaker Resources	11 Oct 2019	2019 Annual Report		
Capricorn Metals	17 April 2020	Gold Reserves Increase 35% to 1.2 Million Ounces		
Cardinal Resources	18 April 2018	NI 43-101 Mineral Resource Estimation Technical Report		
De Grey Mining	2 April 2020	Total Gold Mineral Resource increases to 2.2Moz		
Emerald Resources	26 Sept 2019	2019 Annual Report		
Geopacific Resources	22 March 2019	2018 Annual Report		
Genesis Minerals	19 Feb 2020	Investor Presentation		
Horizon Minerals	10 Feb 2020	Investor Presentation		
Kin Mining	18 Feb 2020	Investor Presentation		
Kingston Resources	27 Nov 2017	Misima JORC Resource 2.8Moz Au		
Nusantara	28 April 2020	Mineral Resource increases 18% to 2.35M ounces		
OreCorp	10 March 2020	Investor Presentation		
Ora Banda	28 April 2020	Investor Presentation		
Prodigy Gold	19 Feb 2020	Investor Presentation		
Saturn Metals	14 Oct 2019	Apollo Hill Resource Upgrade		
Sihayo Gold	3 August 2018	Feasibility Study Completion		
Spectrum Resources	21 Feb 2020	Penny West Exploration Update		