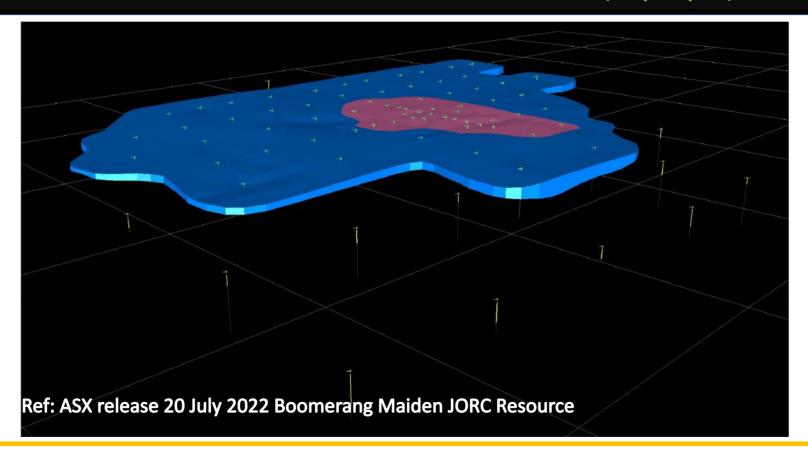


- Kula is a West Australian mineral explorer
- 2 Kula has discovered the large Boomerang Kaolin resource of 93.3million tonnes, near Southern Cross WA
- Engineering studies in progress for downstream processing on site to produce metakaolin products for the Green Construction Industry etc



3D: 93.3mt Ore Resource Incl 15.2mt Indicated Resource (in purple)-View NE



- KAOLIN: One of the most utilised clays in the world
  - Construction (Metakaolin)
  - Ceramics
  - Paper
  - Fibreglass
  - HPA
  - Rubber
  - Plastics
  - Polishes
  - Pharmaceuticals
  - Cosmetics and much more



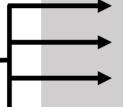


THE BENEFITS IN USING METAKAOLIN FOR GREEN CONSTRUCTION ARE CLEAR:

### \* METAKAOLIN

As a 15% cement substitute in making concrete has:





- MAJOR ENVIRONMENTAL BENEFIT-CARBON ABATEMENT
- ✓ STRONGER, DENSER & MORE DURABLE CONCRETE
- ✓ REDUCED CONCRETE CANCER
- IMPROVING ON EXISTING TECHNOLOGY



8 tonnes CO<sub>2</sub> savings per house build

**KULA PLANNING DOWNSTREAM PROCESSING OF METAKAOLIN ONSITE** 

### CARBON SAVING



saving at 500kt pa production used in construction is equivalent to:



#### 108,000 petrol/diesel cars taken off the road EVERY YEAR

**Derivation Source:** 

ACCU (Australian Carbon Credit Unit price of \$36/tCO<sub>2</sub> -15/7/22) <u>Live Carbon Prices Today, Carbon Price Charts • Carbon Credits</u>

US EPA Greenhouse Gas Emissions from a Typical Passenger Vehicle | US EPA 4.6tp.a carbon emission per car

# **BOOMERANG KAOLIN DEPOSIT**

## LARGE JORC RESOURCE ACHIEVED IN 12 MONTHS

Resource- 93.3 million tonnes of kaolinized granite including 15.2mt indicated category

- Named after the boomerang shaped magnetic structure opposite that initiated the discovery drillholes in 2021
- Completed from discovery to JORC Resource achieved in 12 months and capex ~ \$1.2m
- Current test work results indicate that in addition to Metakaolin, the Boomerang Kaolin could be used in paint, rubber, and pesticide production
- Further uses are being investigated in ongoing mineralogical/metallurgical test work by Sedgman



### GREEN CONSTRUCTION-METAKAOLIN AS 15% CEMENT SUBSTITUTE

#### \* CEMENT PRODUCTION





Mining raw limestone for cement production requires the material to be drilled, blasted and crushed





Crushed limestone is calcined at 1450°C to form cement clinker. Waste product is carbon dioxide (CO2 - 50%)





Cement clinker is ground to be sold as the final product





Cement is bagged for sale

### \*METAKAOLIN PRODUCTION

Easier, simpler process





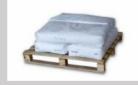
Kaolin material is much softer than limestone and easily mined and crushed





Kaolin material is calcined by heating to 600°-800°C to form Metakaolin.

Waste product is water (H<sub>2</sub>O)





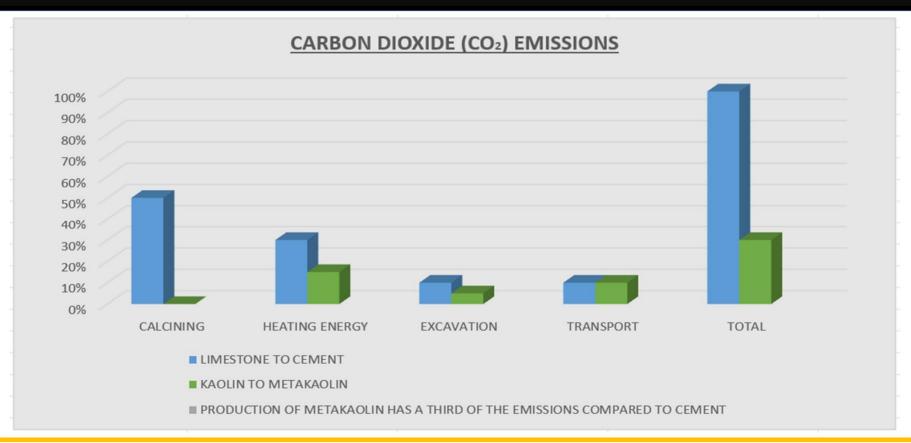
Metakaolin is bagged for sale



Based on 100t concrete per new house, the CO<sub>2</sub> savings are ~8t



## METAKAOLIN V CEMENT CO2 EMISSION SAVINGS



## IMPROVING ON EXISTING GREEN TECHNOLOGY

The use of Metakaolin as a cement substitute has resulted in the delivery of key construction projects for decades, and the successful use of pozzalans like metakaolin go back to Roman times.



Jupia Dam, Brazil (Built in 1962)

This was an early modern use of metakaolin in concrete. The primary purpose was to suppress alkali silica reaction (sometimes called concrete cancer).



Benicia-Martinez Bridge, California (new parallel bridge built 2007)
The additional parallel bridge was constructed using Metakaolin in the concrete mix. It is the largest lightweight concrete segmental bridge in California.

### OPTIMUM LOCATION IN WA

### **Excellent Infrastructure**

Sealed road within 4km

National Rail Link within 43km

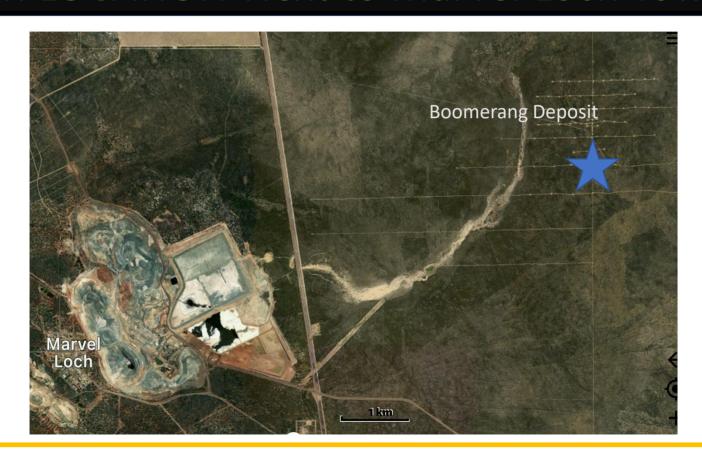
Water - Kalgoorlie pipeline within 5km

Grid Power within 5km

Two nearby towns, Marvel Loch, and Southern Cross



## OPTIMUM LOCATION-Next to Marvel Loch Town



## - PROJECT BREAKDOWN

Ownership: 100% owned

Project Study Phase: Commercial studies continuing

Resource: Independently Certified JORC Resource totalling 93.3 million tonnes of high quality Kaolin ore. 15.2mt are in the indicated

category, and 78.1mt inferred

Est. Annual Production: Target 200k-500ktpa

**Product:** Metakaolin -15% cement displacement at comparable price metrics

Mining Method: Open pit, long life-based on target prodn, ~50 years+

**Processing:** Screen then calcining-Low energy assists with solar

heating accelerants etc

Access: Excellent –tar road on tenement-refer Optimum Location slide

**Power:** Grid (proposed) and solar/other new tech support

Water: Locally derived rainwater using starter pit, and

Kalgoorlie water pipeline (proposed)

Next Steps: -Refer: Implementation Schedule Slide



## THE KAOLIN MARKET

- US \$6B

**Current Global Market** 

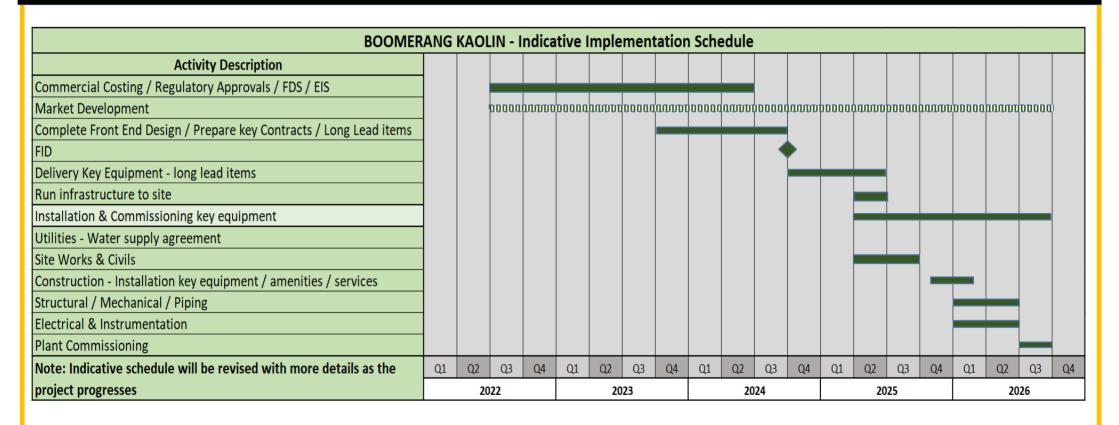
**US \$7B** 

Global Market expected to reach 2026



Kaolin Market Size 2022 Global Industry Insights by Global Share, Emerging Trends, Regional Analysis, Segments, Prime Players, Drivers, Growth Factor and Foreseen till 2026 - MarketWatch

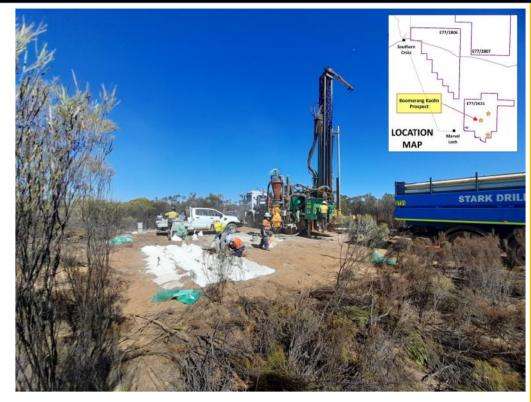
### INDICATIVE IMPLEMENTATION SCHEDULE



# SOUTHERN CROSS REGION

## GOLD POTENTIAL UNDER KAOLIN

- Gold targets have been identified beneath the Kaolin zone
- The recent Kaolin RC Drill program extended holes deeper past the Kaolin zone into fresh rock to test for gold
- Results and analysis pending



RC drilling at the Boomerang Kaolin Project

## REGIONAL GOLD AND MINERAL EXPLORATION

### **3 West Australian Regions**



#### **SOUTHERN CROSS WA**

Projects including Airfield, Rankin Dome and Westonia.

Two under-utilised operating gold mills in the district.

- High priority gold targets at newly discovered greenstones at Marvel Loch
- Westonia Project adjacent to Edna May Gold Mine (ASX:RML)
  - large auger a program completed assay spending

#### **BRUNSWICK - SW WA**

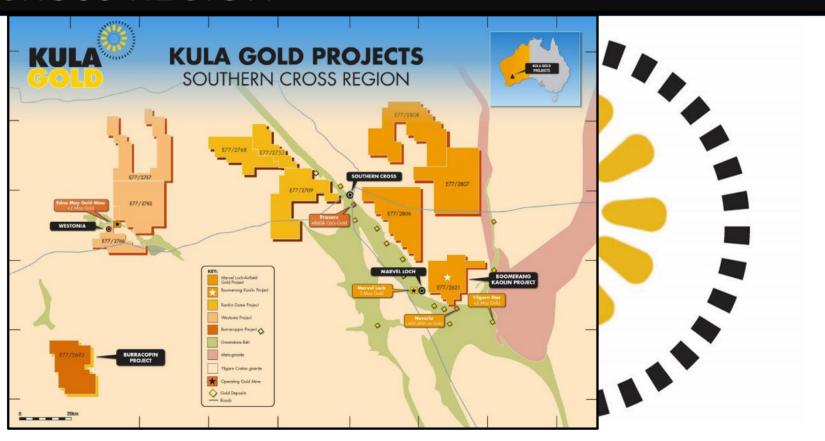
- Julimar/Boddington style targets potential for Gold, Cu-Au and Ni-Cu PGE-Li style mineralization –advancing DBGM moving to drill stage, nearby White sands Gold Prospect advancing
- LAKE REBECCA KURNALPI WA

  Large land holding near Ramelius Resources (ASX:RML) Lake Rebecca

1 Moz resource gold deposit, and adjacent to E79 Gold Mines (ASX:E79)

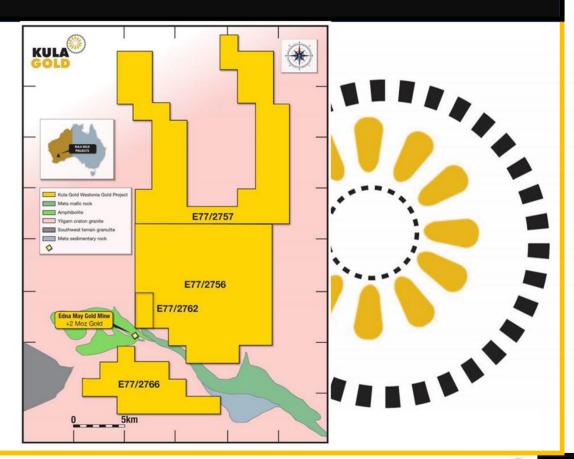


## SOUTHERN CROSS REGION



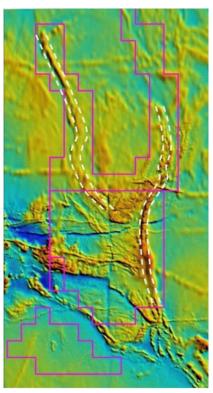
## WESTONIA GOLD PROJECT

- Tenements covering 357km<sup>2</sup> around the Edna May Gold Mine at Westonia WA
- Gravity and magnetic targets identified by Kula from reprocessing publicly available data
- The development and mining of any discovery is potentially quicker plus any development of future projects would require far less capex than a greenfields new mine development
- Drilling results from a recent program are pending

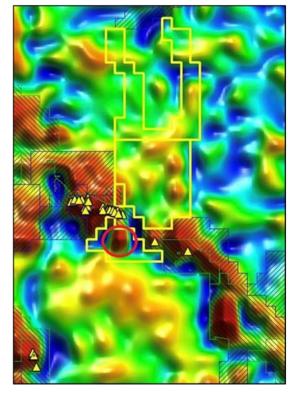


## WESTONIA GOLD PROJECT

- Gravity anomaly (red circle) on E77/2766, yellow triangles indicating the Edna May Deposits (Right Image)
- No historical drilling has been undertaken on the southern license E77/2766. Auger geochemical drilling will test the gravity anomaly as a first pass technique
- Reprocessed TMI-RTP magnetics showing potential greenstones north of Westonia, within the boundary of the newly secured tenements
- Potential greenstone is displayed by the white dotted lines



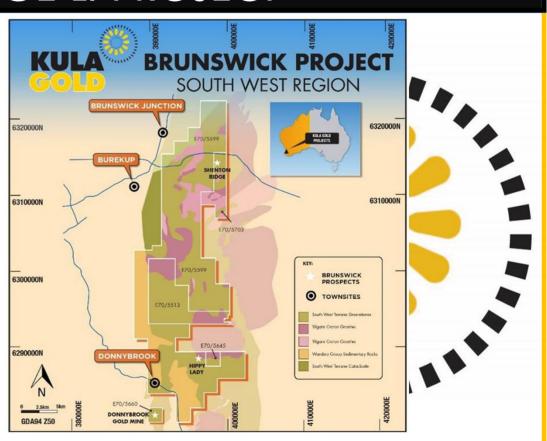
Westonia Magnetics maps



Westonia Gravity Map

## BRUNSWICK AU & NI-CU-PGE LI PROJECT

- Large land holding over 306km<sup>2</sup>.
   Prospective for Gold, Copper, PGE and Lithium
- In the prospective Western Gneiss Terrain which hosts Chalice Gold Mines, 'Julimar Ni-Cu-PGEAu Project' to the North, and the Boddington Cu-Au Mine to the NE
- Donnybrook Gold prospect moving to drill stage, nearby White Sands Gold Prospect advancing
- Project is also prospective for lithium bearing pegmatites (40km from Greenbushes Lithium Mine)



## BRUNSWICK: DONNYBROOK GOLD MINE PROSPECT



A pre existing Adit



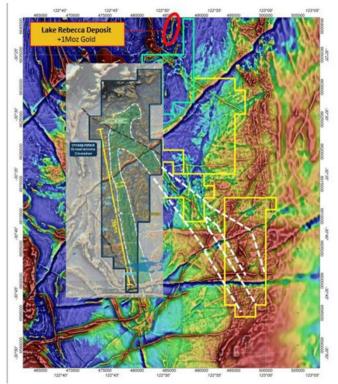
The Hunter Venture Gold Mine and head frame

## KURNALPI REGION – LAKE REBECCA PROJECT

### **Overview and Recent Activity**

- 311km² of tenure in the LavertonTectonic Zone

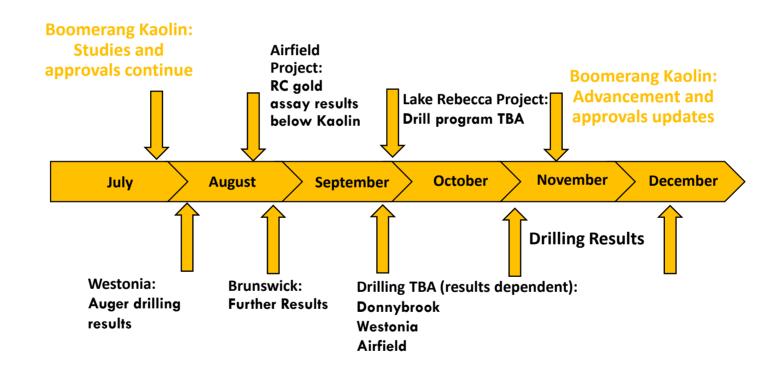
   one of the worlds most prolific gold belts ~30Moz
- Adjacent to Ramelius Resources Ltd (ASX: RMS) tenements, ~10km south of their Lake Rebecca project where>1million ounce gold resource has been discovered (Announced Feb-2020- APC)
- Newly interpreted greenstone extends into Kula's ground as shown by the white dotted lines



Gold borders denote Kula Gold tenements

Dark blue borders denote E79 Gold Mine Tenements

## 6 MONTH SCHEDULE OF OPERATIONS



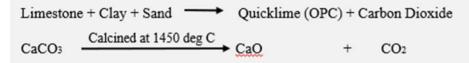
### **SUMMARY**

- ✓ First mover advantage into new areas for new discoveries
- ✓ Boomerang Kaolin discovered July 2021, maiden 93.3mt JORC Resource July 2022!
- ✓ Moving towards commercialisation via downstream processing to metakaolin Value Driver
- ✓ Stage 2 Company Changing Exploration
- ✓ Southern Cross projects Under-utilized district gold plants within 60km offer potential to quickly transition into a gold producer/monetise with exploration success
- ✓ Low operating costs maximum \$ in ground per \$ spent generally close to operating mines, close to good infrastructure, more samples per \$ spent so greater success potential
- ✓ Experienced team with innovative world class exploration techniques
- Driven for exploration success

For the latest news from Kula Gold please visit our website www.kulagold.com.au

### CEMENT VS METAKAOLIN PRODN - CHEMICAL FORMULA COMPARISON

#### **Ordinary Portland Cement (OPC) Production**



Process produces 50% by weight CO2 emissions

#### Metakaolin Production

When mixed with cement and water, the Metakaolin reacts with CaO to produce a cementitious binding

### BOOMERANG RESOURCE- CONTRIBUTING CONSULTANTS AND SUPPLIERS

HGMC

Hyland Geological and Mining Consultants



Shaping a World of Trust



A MEMBER OF THE CIMIC GROUP







**Site Specific Services** 

BANNER EXCAVATING AND ROCK BREAKING







# KULA CORPORATE SNAPSHOT

### SHARES ON ISSUE: 215,175,632

#### Mark Stowell BBus, CA

Chairman

#### Mark Bojanjac BCom, CA

**Director** 

#### John Hannaford BCom, CA, Ffin

Director

#### Simon Adams BBus, ACIS

Director

#### Jim Forsyth B.Eng

**Boomerang Kaolin Project Manager** 

#### Adam Anderson Bsc (Hons)

**Exploration Managerc** 

#### Melanie Hickman Bsc(Hons)

**Acting Exploration Manager** 

The founding Chairman of Mawson West Ltd, a copper producer and explorer which completed an IPO on the Toronto Stock Exchange in one of the largest base metal IPO's of 2011. He was a founder and Non-Executive Director of Incremental Petroleum Limited, and Anvil Mining Ltd.

A founding director of Gilt-Edged Mining Limited which discovered one of Australia's highest grade gold mines and managing director of an unlisted public company which successfully developed and financed a 2.4Moz gold resource in Mongolia. He was previously CEO of Adamus Resources Limited.

Experienced corporate advisor and company director with broad financial experience from several corporate resource roles.

Experienced CFO with a background in a range of resource industries. Former CEO of Atlas Pearls Ltd.

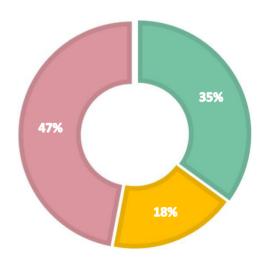
Experienced project and construction manager, oil and gas onshore and offshore, wind farm offshore, formerly with Clough Engineering and McDermott International and other international entities.

Expert in exploration interpretation & resource definition to advanced project development status. Involved in discovering the Golden Cities project in WA & taking it to prefeasibility. Planned & drilled the discovery hole for the Certej deeps which saw the resource increase from 2Mozs to over 4Mozs. Responsible for 7 JORC Compliant Copper Resources in the DRC.

+15 years' experience in nickel & gold exploration & mining in Western Australia. Melanie has a strong focus on using field-based observations to understand the structural architecture & timing of mineralisation within a mineralising system.

#### **MAJOR SHAREHOLDERS**

- TOP 20 (Excl Board & Management)
- BOARD & MANAGEMENT
- OTHER



## DISCLAIMER, COMPETENT PERSON, AND REFERENCES

#### Cautionary Statement:

#### Forward Looking Statement:

This Presentation may include statements that could be deemed "forward-looking statements". Although Kula Gold Limited (the Company) believes the expectations expressed in such forward-looking statements are based on reasonable assumptions, such statements are no guarantee of future performance and actual results or developments may differ materially from those expected in the forward-looking statements or not take place at all.

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#### **Competent Person Statements**

Mineral Resource Estimate

The information in this report that relates to mineral resource estimation is based on work completed by Mr. Stephen Hyland, a Competent Person and Fellow of the AusIMM. Mr. Hyland is Principal Consultant Geologist with Hyland Geological and Mining Consultants (HGMC) and holds relevant qualifications and experience as a qualified person for public reporting according to the JORC Code (2012) in Australia. Mr. Hyland is also a Qualified Person under the rules and requirements of the Canadian Reporting Instrument NI 43-101 Mr. Hyland consents to the inclusion in this report of the information in the form and context in which it appears.

#### References:

Kula Gold ASX release 20 July 2022 Boomerang Kaolin Maiden JORC Resource Announcement

Kula Gold Ltd ACN:126741259

For the latest news from Kula Gold during 2022 please visit our website www.kulagold.com.au