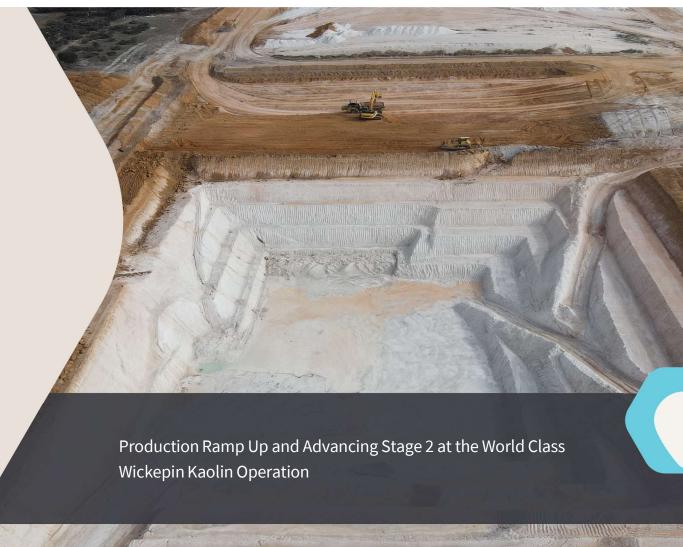


Delivering ultra bright, high purity Kaolin into a global market for decades to come

**INVESTOR PRESENTATION** 

**MARCH 2023** 





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## **Compelling Investment Proposition**

Long-life supply of superior quality Kaolin, with a global competitive advantage through proximity to the dominant Asian end user market

### WAK is an Emerging Globally Significant Kaolin Producer

- One of the largest ultra bright high purity Kaolin deposits in the world
- Proven low-cost production via K99 process
- Product demand significantly in excess of current ramp up forecasts
- Wickepin product already achieving price premiums in excess of feasibility forecasts
- WAK has significant competitive advantage due to proximity for shipping to the dominant Asian Kaolin market (versus US and European based competitors)
- Continued incremental investment in the planned Stage 2 expansion



WA Kaolin CEO Andrew Sorensen at the Wickepin ROM stockpile ready for processing





## WAK Ramping Up to 400,000 tpa and beyond

### Pilot Operations



#### K99 Proof of Concept Plant Kwinana, WA

- Pilot Plant Production
- 5t/hour
- Growing market with small commercial sales to key customers
- Reverting to R&D Activities



### 2022 Stage 1 Ramp Up



### K99 Commercial Scale Wickepin, WA

- 25t/hour
- Production capacity of 200 ktpa Kaolin<sup>1</sup>
- Improved logistics further lowers Opex
- All production under existing offtakes and LOIs
- Forecast positive cashflow in H2 CY23

**UNDERWAY** 

## 2024 Stage 2 Ramp Up



# K99 Capacity Expansion Wickepin, WA

- 50t/hour
- Production capacity of 400ktpa kaolin<sup>1</sup>
- Further reduction of Opex through economies of scale
- Planned entry into the high premium paper market (via unique processing circuit R&D)
- Estimated 12-month build, targeted outstanding funding to be completed via cashflow from operations
- Very strong demand from customers to accelerate Stage 2 timeline
- Stage 2 budget \$16m, to date \$4m has been spent

## Future Scale Up



### Further K99 Expansion Wickepin, WA

- After Stage 2 ramp up completion Wickepin will represent just 2% of global output
- Continued opportunity to build market share, particular in Asia, due to material shipping cast competitive advantage
- WAK intends to implement further 200ktpa modular increases to cater for product demand growth

<sup>1</sup> Based on 24 hours / 7 days a week



#### **Wickepin Plant Operational**

- Stage 1 operations underway: First production in September 2022
- Operational start up completed to budget despite challenging environment (COVID-19, supply chain, labour shortages)
- Accelerated early investment into portions of Stage 2 production ramp up due to customer demand

#### **Executed Additional Major Long-term Offtake Agreements**

- Offtake agreement signed for up to 13,500 tonnes over 3 years with Vietnamese distributor
- Additional contracts with customers in Australia, Malaysia and South Korea
- Customer demand for Wickepin quality premium Kaolin continues to far outstrip Stage 1 ramp up forecast

#### **Price Premium Achieved**

- Wickepin quality attracting sales premium above expectation
- Average FOB is well head of the 2020 Prospectus estimate of A\$240/t
- Stage 2 product bagging line (due H1 CY23) provides access to high margin 20kg bag market

### **Growing Production & Operational Cash Flow**

- Initial Stage 1 production ramp up continuing
- Wickepin operational ramp up forecast to be cash flow positive within H2 CY23









# **Corporate Snapshot**

### **Corporate Structure**

SHARES ON ISSUE	371,591,503
MARKET CAPITALISATION @ 15.0c PER SHARE	\$55.7m
UNLISTED OPTIONS <sup>1</sup>	167,232,813
PERFORMANCE RIGHTS	27,500,000

<sup>&</sup>lt;sup>1</sup> Weighted average option exercise price is \$0.27 and expiring between Nov-23 to Nov-25

CASH AT BANK 31/12/2022	\$5.5m
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### **Substantial Shareholders**

TOP 20 SHAREHOLDERS	67.3%
BOARD & FOUNDERS	32.6%
NO. OF SHAREHOLDERS	1,490

### **Board & Management**



**John White**Non-Executive Chairman



Alf Baker
Executive Director



Cathy Moises

Non-Executive Director



Patrick Walta

Non-Executive Director



Andrew Sorensen
Chief Executive Officer



**Michael Kenyon**Chief Financial Officer &
Company Secretary





## Wickepin Kaolin Operation: Overview

### **World Class Deposit**

- Discovered by Rio Tinto in 1980's (acquired by WA Kaolin in 1999)
- Ore Reserve: 30.5 mt<sup>1</sup> of ultra bright, high purity kaolinised granite
- **Mineral Resource:** 644.5mt<sup>2</sup> of ultra bright, high purity kaolinised granite (includes ore reserve)
- The mineralised zone is **free dig, open cut, a low strip ratio** with overburden thickness varying from 2-9 metres and is between 15-35 metres in thickness

### **Strong Logistics Infrastructure**

- Proximity to water, road, rail, towns
- Access to ports in Fremantle (220 km) and Bunbury (230 km)
- WA Government has committed to funding Tier 3 rail infrastructure including \$72m to be spent on recommissioning the Tier 3 Narrogin-to-Kulin line that closed in 2013.



Wickepin location and tenement map



<sup>&</sup>lt;sup>1</sup> CSA Global Report No. R301.2020 – 30th July 2020\*

<sup>&</sup>lt;sup>2</sup> CSA Global Report No. R280.2017 – 3rd August 2017\*

<sup>\*</sup> Refer slide 14 for information and disclaimer relating to Estimates and Production Targets



## **Kaolin Market Growing Strongly**

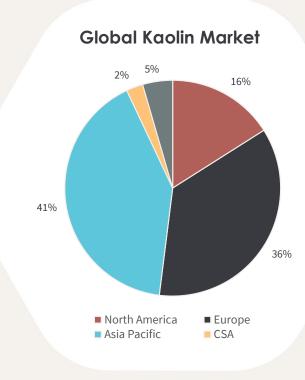
#### Market Size & Growth

- 2021: Over US\$4.2 billion in global kaolin market sales
- Continued strong global Kaolin market growth, forecast 3.7% compound growth 2022-2030
- Asia dominates end user demand (41% market 2021), primarily in China, India, Malaysia and South Korea

#### **Product End Use Growth**

- The global kaolin market is expected to show a compound annual growth rate (CAGR) of 3.7% from 2022-2030. Revenue forecast is estimated to be US\$5.87 billion in 2030
  - Ceramics (33% end use market) forecast 4.6% compound growth 2022-2030
- Countries including China, India, Vietnam, Malaysia and South Korea are set to be the main contributors to this growth during the period

Reference: Grand View Research report, Kaolin Market Size & Share Report, 2022-2030



CSA - Central & South America, MEA - Middle East & Africa





# **Wickepin Operation**

### **Stage 1 Production**

- Production commenced September 2022
- Total BCM processed increasing quarter on quarter
- Slower then expected ramp-up in first 9 months impacted by delay in gas commissioning of the kiln and site power systems
- Production of 2 out of the 4 main grades of kaolin produced successfully while ramp up of the remaining grades continues

PRODUCTION	Q1 FY2023	Q2 FY2023	YTD FY2023
Total BCM Mined	8,435	12,826	21,261
Kaolin Produced and Bagged	201.6	855.5	1,057.1







- First sale to a WA customer occurred in early October 2022
- Offtake agreements and LOIs covering 90% of Stage 1 production in place
- December quarter avg FOB higher than estimates
- Anticipating further sales agreements in H1 CY23 including some major global customers with kaolin demand in Asia Pacific
- WA Kaolin Ltd will be represented at several major ceramics trade exhibitions during CY23 to increase our penetration into this important market

SALES	H1 FY2023
Kaolin sales (dmt)	2,660
Revenue from sales (\$)	\$902,755





# Conclusion

- WA Kaolin has successfully delivered construction of Stage 1 on budget with first production commencing on time at the end of September
- Product Pricing premium achieved over initial projections
- Wickepin operations represent a long-life supply of superior quality product, that will supply the growing global Kaolin market for decades to come
- Kwinana pilot plant closes it's K99 production and recommences product development of finer kaolin grades for the remaining markets – e.g. paper
- WA Kaolin is an emerging major player in the Kaolin market, with a strong competitive advantage through proximity to end users in Asia













### Reserves and Resources

#### **Reserves & Resources**

It is one of the largest known remaining kaolin resources in the world, and contains:

- Probable Ore Reserve of 30.5 million tonnes (Table 1) in the mining lease which is part of and included in;
- An Inferred Mineral Resource (reported in 2017) of 644.5 million tonnes (Table 2) of high-grade premium kaolinised granite across all tenements

#### **Tenements**

 The Project comprises a mining lease, a general-purpose lease, a miscellaneous licence and retention licences

Table 1. Ore Reserves by JORC Classification

JORC CLASSIFICATION	TONNES (MT)	ISO BRIGHTNESS (%)	YIELD (%) (<45 μM IN SIZE)	IN SITU KAOLIN (MT)
Proved Probable	30.5	83.7	51.8	15.8
Total	30.5	83.7	51.8	15.8

Source: CSA Global Report No. R301.2020 - 30th July 2020

Table 2. Inferred Mineral Resources (<45 μm), WA Kaolin Project

	KAOLINIZED GRANITE (MT)	ISO BRIGHTNESS (%)	YIELD (%)	KAOLIN (MT)
Total	644.5	75.8	44.0	283.6

Source: CSA Global Report No. R280.2017 – 3rd August 2017

#### Estimates and production targets

The Mineral Resources, Ore Reserves and production targets referred to in this presentation were previously reported in the Prospectus dated 11 October 2020 and released to the ASX on 24 November 2020 and the Definitive Feasibility Study announcements released on 24 and 25 November 2020. WA Kaolin confirms that it is not aware of any new information or data that materially affects the information included in the relevant market announcement and that all material assumptions and technical parameters underpinning the estimates, production target or forecast financial information derived from a production target continue to apply and have not materially changed.



# Tenement Map

