

ASX Announcement

26 March 2021

Investor Presentation (Updated)

WA Kaolin Ltd ("WA Kaolin" or the "Company") (ASX:WAK) wishes to advise of an update to its announcement lodged on 25 March 2021 titled "WAK – Investor Presentation".

The Company inadvertently omitted some cross-referencing in the presentation in relation to its Mineral Resources and Ore Reserves, production targets and financial forecasts, as required by the Listing Rules.

The amended presentation is included herewith for reference.

This announcement was authorised for market release by the Company Secretary of WA Kaolin Limited.

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ABOUT WA KAOLIN

WA Kaolin's Wickepin Kaolin Project, 220km south-east of Perth, contains a Mineral Resource (JORC 2012) of 644.5 million tonnes^{1,2} of high-grade premium kaolinised granite. This world-class resource at Wickepin is one of the largest known remaining premium primary resources of kaolin globally. It is characterised by its purity, quality and brightness, producing kaolin products that typically attract higher prices from a growing collection of top tier customers.

With more than \$42 million invested in the project to date, WA Kaolin has developed a proprietary dry processing method, known as K99, to turn raw material into market suitable feedstock for global customers, and constructed a small scale commercial processing plant on 3ha of portside industrial land at Kwinana, WA.

The Company is focused on increasing production from Wickepin to 400,000 tonnes per annum by 2023 with further modular increases to capacity to be implemented in tune with market demand and funding capability.

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¹ The Mineral Resource estimate is inclusive of Ore Reserves and the 2019 Mineral Resource estimate.

² CSA Global Mineral Resource Estimate R280.2017



Investor Presentation

March 2021

Production of
High Purity Kaolin
From One of the
World's Largest
Primary Resources



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Investment Overview

A high quality, long life, permitted Kaolin Project located in Wickepin, 220km south-east of Perth.

WA Kaolin recently raised \$22m on IPO (November 2020).

Global Demand Exceeds Supply
Global market dynamics are

Global market dynamics are changing such that demand exceeds supply and product quality gaps are emerging.

WA location strongly aligns WAK with fast growing APAC market.

Global revenue demand from 2020-2027 is forecasted to grow at a CAGR of 3.5%.

World Class Mineral Resource

In-situ primary kaolin resource with high brightness and low impurities suitable for all kaolin market applications.

Ore Reserve Estimate (JORC 2012) of 30.5Mt¹ of kaolinised granite within Mining Lease – delivering a **31 year mine life**.

Access to 644.5Mt^{2,3} of Mineral Resources provides potential to significantly increase mine life.

De-Risked through Investment

~\$42 million invested since acquiring the assets in 1998 from **Rio Tinto** who had discovered and drilled out the Mineral Resource.

The \$42 million has been spent on the acquisition cost, research and development to deliver WAK's proprietary K99 process, land, plant, equipment and market development, and tier 1 customer base.

Proven Low Cost Production

WAK engineered and built a small scale commercial plant operating in Kwinana, WA, validating the Company's proprietary K99 process which produces a high quality kaolin.

Combined with the high quality of the ore reserve, the K99 process delivers a high quality ultra-bright kaolin at a lower cost than conventional chemical bleaching and magnetic separation processing.

Clistomers & Offtake

Ten year distribution agreement and a six year offtake agreement signed with a Taiwanese distributor.

In the first three years of production, the sum of the targeted sales in the offtake is 271kt, coupled with non-binding letters of intent of 280kt from other customers, amounts to 551kt.

This represents **83% of targeted production** of 664kt for those years.

Offtake negotiations in progress with other customers



- 1. CSA Global Ore Reserve (JORC 2012) ref R301.2020
- 2. The Mineral Resource estimate is inclusive of Ore Reserves and the 2019 Mineral Resource estimate.
- 3. CSA Global Mineral Resource Estimate R280.2017.



Low Capital Intensity



Simple Mining

Amenable to free digging, open cut campaign mining with a low strip ratio.

Presently trucked to Kwinana for processing, where 1 tonne contains 440kg of refined product.



Strong Potential for Cash Flow

A Definitive Feasibility Study (DFS) completed has delivered robust economics based ramp up of kaolin production to 400,000tpa in two stages only – NPV(7) of \$257m, IRR of 47% and average EBITDA of \$29.2m over a 31 year life of mine.

There is significant scope to further increase the production.

WAK intends to implement further 200ktpa modular increases to capacity subject to adequate demand and funding



Low CAPEX

Estimated capex of circa \$18 million to construct Stage 1 scaled up processing plant in Wickepin that will utilise WAK's proprietary K99 process.

The brownfields expansion scales the project up in a modular/sequential manner to meet customer demand.



Staged Ramp Up

Stage 1 is designed to deliver WAK a plant providing a production capacity of >200,000tpa¹ kaolin by 2021 year end.

Stage 2 plans to utilise free cash flow to expand production capacity further to >400,000tpa kaolin.



Delivery Capability

The Board and Executive team have extensive experience in project delivery and business development.



Definite Feasibility Study (BDB Process) September 2020 (released to ASX 24 November 2020). Material assumptions of DFS continue to apply with no material changes.





Project Overview

Location

- WAK's project is located in Wickepin, 220 km south-east of Perth,
 Western Australia
- Existing processing plant is currently located on portside industrial land in Kwinana, south of Perth in Western Australia
- All infrastructure located close to WAK's mine and processing plants to support future expansion – power, water, road, rail, town and access to ports in Fremantle (220 km) and Bunbury (230 km)

World Class Resource

- Ore Reserve: 30.5mt¹ of high-grade premium kaolinised granite within Mining Lease
- Mineral Resource: 109.1mt² of kaolinised granite within Mining Lease and 535.4mt³ of kaolinised granite within the Retention Licences
- 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.



Road Route from Wickepin to Perth



Mineral Resource (JORC 2012) ref R280.2017



One of the World's Largest Remaining Primary Resources

Producer	Country	Туре	Reserves of Kaolin (mt)¹	Resources of Kaolin (mt) ¹
WA Kaolin	Australia	Primary	13.42	270.02
Imerys (Listed Conglomerate)	All Areas	Primary/Secondary	98.9	151.7
KaMin (Private)	All Areas	Secondary	120.8	0
BASF (Private)	All Areas	Secondary	53.0	0
THIELE (Private)	Georgia	Secondary	53.2	0



^{2.} Reserve and Resources of reported kaolinised granite at a dry yield of 44%.

Reference: Wilson I.R. 2019





About Kaolin

Overview

- A platy white clay derived from the mineral Kaolinite formed by hydrothermal weathering of igneous rock such as granite
- A common mineral, however, rarely occurs in large high-grade and low impurity deposits

Applications

- Chemically inert, nonabrasive material
- Current Application Industries: Paper and packaging, ceramics, paints and coatings, fibreglass, plastics, rubber, pharmaceuticals, cosmetics, concrete and agriculture
- Future Applications: Feedstock for High Purity Alumina (HPA) production. WA Kaolin's deposits are the purest known in Australia and being a primary deposit is free of any organic matter. This purity, particularly with respect to Iron Oxide, Titanium Dioxide and Sodium content, renders WA Kaolin's deposits an optimal feedstock for the direct synthesis of HPA 4N and 5N from kaolin ore



The Ceramics Industry

Kaolin increases the durability of ceramics as well as the smoothness and whiteness of the finished product.



The Fibreglass Industry

Kaolin is used in the production process of fibreglass



The Packaging & Paper Industry

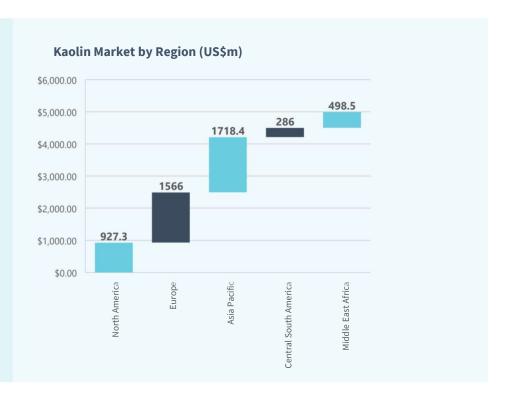
Kaolin is used as a filler or coating in the filler industry. This increases gloss, smoothness, brightness and ink absorbency of the paper, which improves the printability.



O WA Kaolin

Kaolin Market





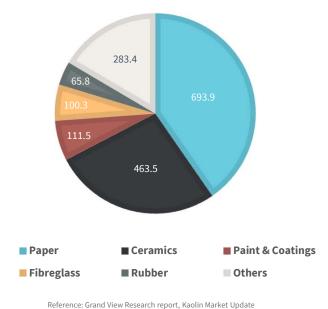
Reference: Grand View Research report, Kaolin Market Update

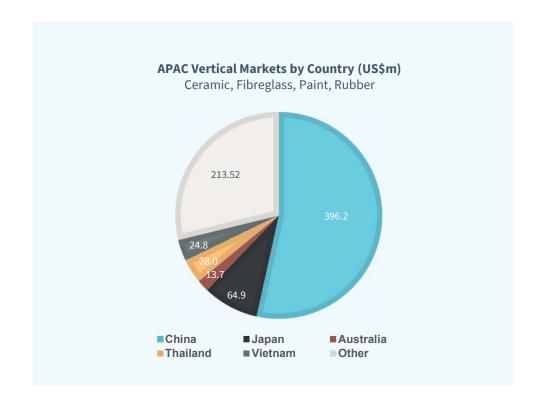




APAC Region Breakdown

APAC Market Revenue by Application (US\$m)









Existing Customers

- Demand for WAK's kaolin products from existing customers is driving the expansion timing and strategy.
- A Taiwanese distributor has executed a 10year distribution agreement with a 6 year offtake agreement. The target offtake of 432kt of kaolin in the six years.
- In years 1 to 3 of production at Wickepin, the sum of the Stanco offtake of 271kt, which when coupled with non-binding letters of intent of 280kt from other customers, amounts to a total target offtake for the first 3 years of 551kt. This represents 83% of targeted production of 664kt for those years. Offtake negotiations in progress with other customers.

Existing WA Kaolin Customers

Country	FY2019 % of Production	Vertical	About
China & Taiwan	48%	Fibreglass	Executed Offtake - Distributor servicing the fibreglass market in China and Taiwan
Taiwan	10%	Ceramics	Distributor servicing SE Asia ceramics markets
Japan	2%	Ceramics	Distributor servicing the tableware market in Japan
Japan	23%	Ceramics	Tableware manufacturer and ceramic technology provider to Japan market
Australia	3%	Soft Treatment	Soil remediation using kaolin as an absorption media
New Customers FY 2020	Product Form	Vertical	About
Australia	K99 Powder	Plasterboard	Plasterboard producer based in WA
China	K99 Powder and Ore	Paper & Packaging, Paints & Coatings	Executed LOI - Large calcined kaolin producer selling WAK products to customer network
China	Ore	Kaolin Supplier	Distributor servicing the kaolin producers in China





Definitive Feasibility Study Complete

DFS¹ carried out by BDB Process Pty Ltd in 2020

- DFS confirms positive outcomes for the development of the Wickepin Project:
 - Stage 1 initial production of 200,000 tonnes per annum (tpa) of kaolin product
 - Stage 2 see ramp up to 400,000 tpa
- Life Mine of 31 years based on 2020 Ore Reserves; potential for delineation of additional resources to increase this life significantly (First 20 years is reported as Ore Reserve and remaining as Life of Mine)
- Significant scope exists to further increase the production As per Stages 1 and 2 construction and ramp-up, the Company intends to implement further 200,000 tpa modular increases to capacity subject to adequate demand and funding
- Robust economics based on Stage 2 initial project plus expansion (400,000 tpa kaolin):
 - NPV(7) of \$257 million
 - IRR of 47%
- Stage 1 production capex of \$18.07 million, with an additional \$13.57 million for expansion in Stage 2
- Stage 1 funded from IPO funds with Stage 2 to be funded from cash flow from operations
- Stage 1 generates positive EBITDA in the first year of production and becomes cashflow positive by Year 3
- Construction of Stage 1 scheduled for completion over a 39-week period, with subsequent commissioning and production ramp-up for Stage 1 scheduled over 13 weeks
- Global kaolin market demand expected to grow by 28% from 29 million tonnes in 2019 to more than 37 million tonnes in 2027, with a CAGR of 3.1% p.a. from 2020 to 2027



Definite Feasibility Study (BDB Process) September 2020 (released to ASX 24 November 2020). Material assumptions of DFS continue to apply with no material changes.





Key Financial		
Parameters	Value	Average
NPV ₍₇₎ LOM (\$k) IRR Kaolin Sold	256,709 47%	
t	3,760	313
\$k	1,208,159	100,680
Average \$/t	321	
Cost of Sales		
\$k (incl freight to Port)	(601,737)	(50,145)
\$/t	(160)	
Gross Margin		
\$k	606,421	50,535
% of Sales Revenue	50%	
Total Operating Expenses		
\$k	(253,628)	(21,136)
\$/t	(67)	
EBITDA		
\$k	350,594	29,216
Profit Before Tax		
\$k	342,200	28,517
% of Sales Revenue	28%	
Profit After Tax		
\$k	261,276	21,773
% of Sales Revenue	22%	
Cashflow from Operations	250,423	20,869





Stage 1 Work Completed to Date

Overview

- Building works well underway with all structural steel now installed.
- Build commenced early 2021 AUSPAN, one of Australia's leading steel frame construction companies has been contracted to carry out the Stage 1 Building Structural Design and Construction





Ongoing construction at Wickepin which commenced early 2021





O WA Kaolin

Stage 1 Project Program





Staged Ramp Up to 400,000 tpa and beyond

Current Operations	2021 Stage 1 Ramp Up	Stage 2 Ramp Up	Future Scale Up
K99 Proof of Concept Plant, Kwinana, WA	K99 Commercial Scale, Wickepin	Expand K99 Capacity, Wickepin	Further Expansion of K99 Capacity, Wickepin
 Existing Production 5t/hour Production capacity of 40ktpa Kaolin¹ 5 staff plus 3 operators per shift Growing market with small commercial sales to key customers Continue to supply existing customers 	 25t/hour Production capacity of 200ktpa Kaolin¹ 54 staff Improved logistics lowers Opex Focus on expanding markets 12 month build LOI for majority of capacity output 	 50t/hour Production capacity of 400ktpa kaolin¹ 90 staff Further reduction of Opex through economies of scale Finalising R&D for entry into the wet process market 12 month build 	WAK intends to implement further 200ktpa modular increases to capacity subject to adequate demand and funding

1. Based on 24 hours / 7 days a week





Corporate Overview

Substantial Shareholders

Top 20 Shareholders	67.27%
Owners & Board	38.34%
No. of Shareholders	1,450

Corporate Structure

Shares on Issue	283m
Market Capitalisation	\$48.08m
Unlisted Options	167,232,813
Performance Rights	27,500,000
Cash	\$16,700,000



Ongoing plant construction at Wickepin, open pit operations in the background



Assets	31 December 2020 \$	30 June 2020 \$
Current assets		
Cash and cash equivalents	18,175,691	2,020,295
Trade and other receivables	572,642	257,206
Total current assets	18,748,333	2,277,501
Non-current assets		
Property, plant and equipment	3,796,749	3,843,902
Mine development expenditure	3,523,818	-
Deferred exploration and evaluation expenditure	-	1,756,132
Total non-current assets	7,320,567	5,600,034
Total assets	26,068,900	7,877,535
Liabilities		
Current liabilities		
Trade and other payables	2,611,731	2,548,241
Borrowings	854,245	9,155,327
Provisions	45,482	65,563
Total current liabilities	3,511,458	11,769,131
Non-current liabilities		
Borrowings	18,300,757	17,710,243
Total non-current liabilities	18,300,757	17,710,243
Total liabilities	21,812,215	29,479,374
Net assets/(liabilities)	4,256,685	(21,601,839)
Equity		
Issued capital	33,614,901	3,070,081
Reserves	33,316,065	19,828,645
Accumulated loss	(62,674,281)	(44,500,565)
Total equity	4,256,685	(21,601,839)







Experienced & Invested Executive Team



Dr John White Chairman

Director and/or CEO of several publicly listed and private Australian companies, formerly the Chairman of the Federal Government's Uranium Industry Framework Council, a member of the Federal Government's Defence Procurement Board and Director of the Defence SA Advisory Board. Extensive involvement with Woodside's North West Shelf Offshore Gas and LNG Development from 1978 to 1984. Formerly Chief Executive of Transfield Defence Systems Pty Ltd and Global Chief Executive of the recycling/packaging group, Visy Industries. John is currently Chairman of Regenerative Australian Farmers Pty Ltd and Birdon Pty Ltd.



Andrew Sorensen CEO

Over 30 years' experience in operations management across a broad range of industries. Bachelor degree in Applied Science (Information Management) and a Masters of Business Administration from the University of Queensland. Previously held various senior leadership positions, including Vice President / General Manager (Asia Pacific) for Potters Industries Inc. and Manufacturing Manager for PQ Australia Pty Ltd. Proven track record in marketing and management in Industrial Minerals space and Is responsible for driving standards in Health, Safety, Security, Environment, IT, Procurement and Knowledge Management.



Alf Baker Executive Director

(17.64% Current Ownership) Over 40 years' engineering experience in process technology and co-founder of WAK. An experienced and successful businessman, authoring several patents and designs over the course of his career, having founded and directed EMC Pacific Aust P/L, Australia's only manufacturer of power distribution insulators and Pacific Polymers, a mineral treatment plant operating in Victoria using patented technology. From 1976 - 1996, MD and cofounder of the highly successful PO Australia, producing the inorganic chemical, Sodium Silicate, in both glass and liquid form and patented valuable downstream product 'O-Cel' hollow microspheres. In all cases, innovation, hands-on determination and training of younger executives have led to success and lowest cost producer

status



Linton Putland Non-Exec Director

Degrees in mining engineering (B Eng, WA School of Mines) and a masters in science (Mineral Economics, Western Australian School of Mines) with over 30 years' experience in mining operations, joint ventures and corporate management, in Australia, Africa and the Americas over a range of commodities. Principal of LJ Putland & Associates, a private mining consultancy company which was founded in 2002, providing advisory and consultancy services in mining project and company evaluation and due diligence appraisals. Currently NED Breaker Resources NL and previously NED Pacific Energy Limited and Azumah Resources Limited, and held corporate / senior management roles in IAMGOLD, AurionGold, Delta Gold and Pancontinental Mining.



Cathy Moises Non-Exec Director

Bachelor of Science (Hons) Geology in addition to a Securities Institute of Australia Diploma of Finance and Investment. Over 30 years experience working within the resources industry primarily as a financial analyst. She has extensive capital markets, company management, financial analysis and Institutional Investor engagement experience having worked for a number of the most prominent stock broking firms within Australia including Merrill Lynch, Citigroup, Evans and Partners (as a partner) and most recently worked as Head of Research for Patersons Securities. Currently NED for Arafura Resources Limited and Australian Potash Limited.



Michael Kenyon CFO & CoSec

Senior roles with both private and ASX-listed corporations over the past 22 years. Bachelor of Business degree from Edith Cowan University, a Chartered Accountant and a graduate member of the Australian Institute of Company Directors. Commenced finance career with roles at then 'Big 6' professional services firms, Ernst & Whinney and Price Waterhouse before joining diversified industrial company, Vysarn Pty Ltd in 1997 as CFO. Previously held CFO roles with ASX-listed Forge Group Ltd, Matrix Composites and Engineering Ltd, Pacific Energy Ltd and is currently CFO of Resource Development Group Ltd. NED for ASX-listed Babylon Pump & Power and a leading Catholic health care services provider in Perth, WA.





Competent Persons Statements

The Mineral Resources, Ore Reserves and production targets referred to in this announcement 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 Ltd 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.

Ore Reserve (JORC 2012) ref R301.2020

The information that relates to Ore Reserves is based on information compiled by Mr Anoop Antu Kachappilly and reviewed by Mr Karl van Olden, both employees of CSA Global Pty Ltd. Mr van Olden takes overall responsibility for the Report as Competent Person. Mr van Olden is a Fellow of The Australasian Institute of Mining and Metallurgy and has sufficient experience, which is relevant to the style of mineralisation and type of deposit under consideration, and to the activity he is undertaking, to qualify as Competent Person in terms of the JORC (2012 Edition). The Competent Person, Karl van Olden has reviewed the Ore Reserve statement and given permission for the publication of this information in the form and context within which it appears.

Mineral Resource (JORC 2012) ref R280.2017

The information in this report that relates to Mineral Resources has been compiled by Mathew Cobb, who is a full-time employee of CSA Global under the supervision of Ian Wilson, who is an independent consultant with over 40 years' experience in kaolin deposit exploration, definition and development. Dr Cobb is a Member of the Australian Institute of Geoscientists and the Australian Institute of Mining and Metallurgy and Dr Wilson is both a member the Institution of Materials Mining and Metallurgy and a fellow of the Geological Society of London. Dr Wilson assumes overall responsibility for the Mineral Resource reported herein, and has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activities which they are supervising to qualify as a Competent Person as defined in the JORC Code. Dr Wilson consents to the disclosure of this information in this report in the form and context in which it appears.

Mineral Resource (JORC 2012) ref R351.2019

The information in this report that relates to Sampling Techniques, Data Collection and Exploration Results has been compiled by Dr Ian Wilson, who is an independent consultant to WA Kaolin Ltd. Dr Wilson has over 40 years' experience in kaolin deposit exploration, definition and development. Dr Wilson is both a member the Institution of Materials Mining and Metallurgy and a fellow of the Geological Society of London. Dr Wilson has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activities which they are supervising to qualify as a Competent Person as defined in the JORC Code. Dr Wilson consents to the disclosure of this information in this report in the form and context in which it appears.

The information in this report that relates to Mineral Resources has been compiled by Dr Matthew Cobb, who is a full-time employee of CSA Global. Dr Cobb is a Member of the Australian Institute of Geoscientists, and has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activities which they are supervising to qualify as a Competent Person as defined in the JORC Code. Dr Cobb consents to the disclosure of this information in this report in the form and context in which it appears.

