



Explore | Define | Mine

Australian Resources Conference

Zurich February 2020

# Investment Rationale



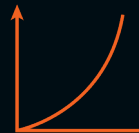
Revenue Earning



Long Life Mine



Generating Cash



Strongly Growing Market



Simple Project –  
Low CAPEX & OPEX



Enduring Geographical  
and jurisdictional  
Competitive Advantage

# 2019 Achievements

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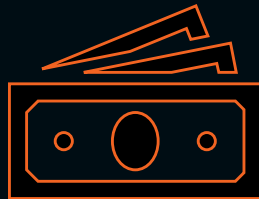
Production Increase



Operational Performance



Reduced Unit Costs



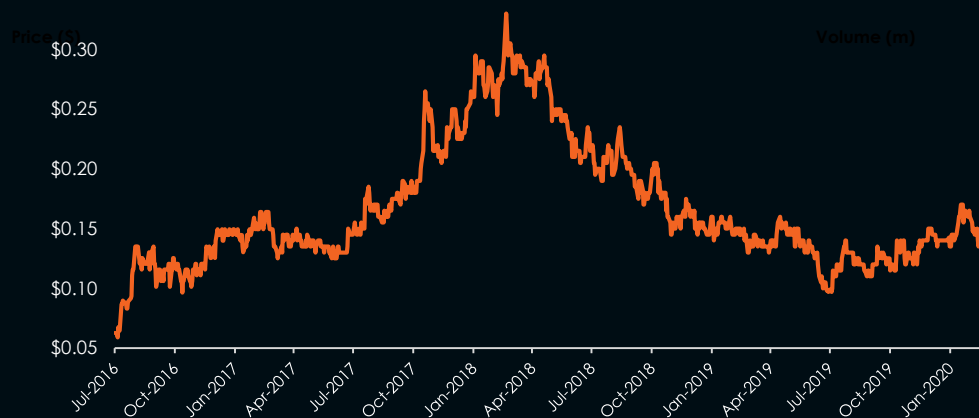
Revenue/EBITDA Growth



Stage 2 DFS Expansion

# Share Price & Corporate Structure

\$0.35 Share Price Performance

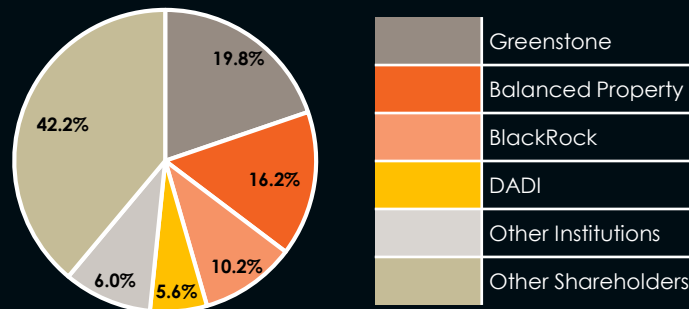


Board of Directors	
Independent Chairman	Stephen Everett
Managing Director & CEO	Simon Finnis
Non-Executive Director	Mark Sawyer
Independent Non-Executive Director	Philip Hennessy
Independent Non-Executive Director	Lucas Dow
Independent Non-Executive Director	Fiona Murdoch

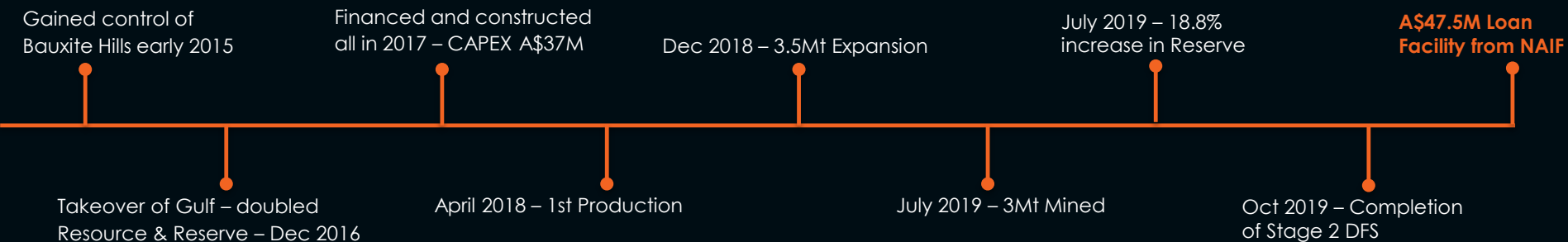
Capital Structure

Share Price (17 February 2020)	A\$0.14
Shares on Issue	1,383.4M
<b>Market Capitalisation</b>	<b>A\$193.9M</b>
Options Unlisted	30.1M
Cash and Receivables (31-Dec-2019)	A\$39.9M
Debt Facilities	A\$35.0M
<b>Enterprise Value</b>	<b>A\$189.0M</b>

Share Register

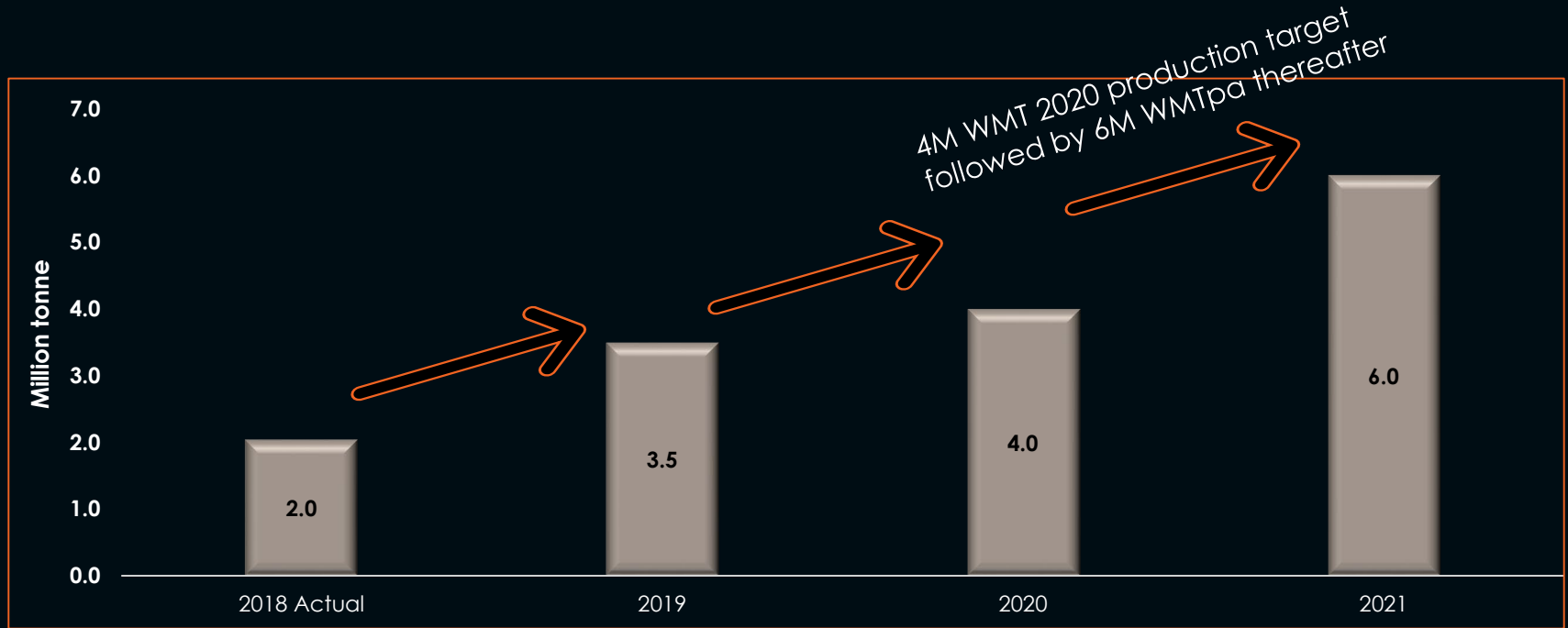


# Metro's Road to Production!





# Production Increase

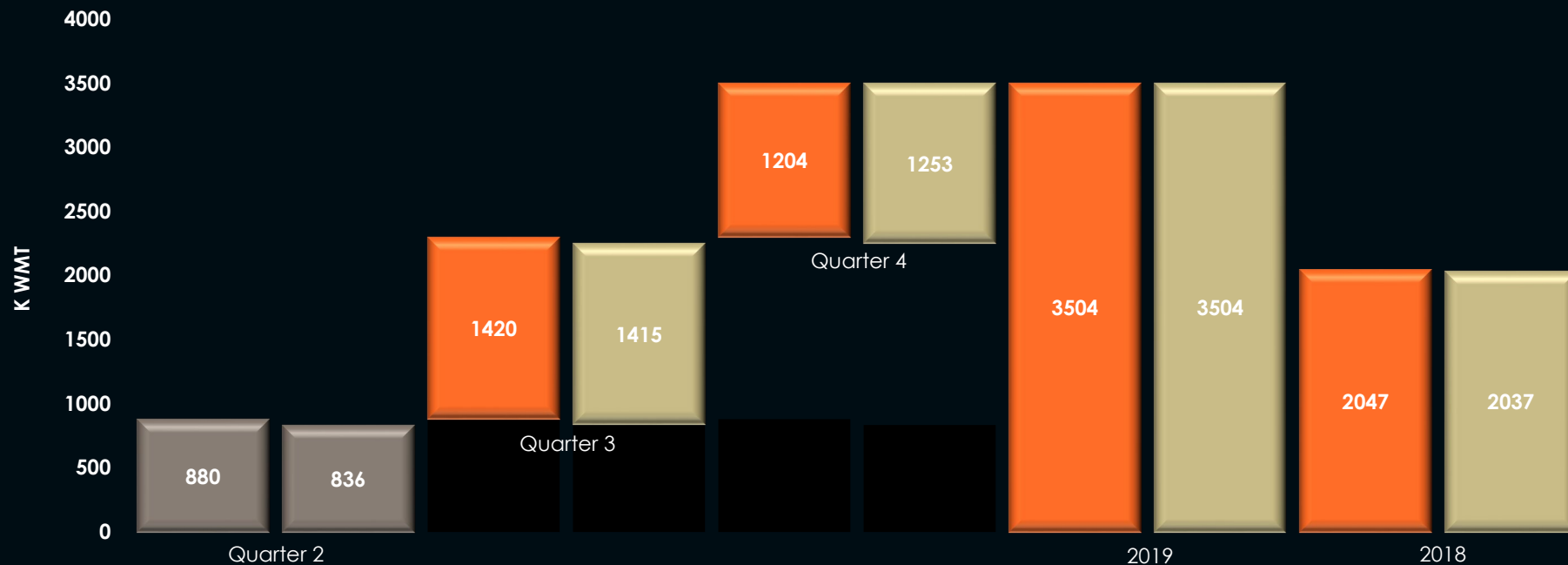


Stage 2 Subject to Board Approval



# Operational Performance

Metro Bauxite Mined & Shipped ■ Mined ■ Shipped

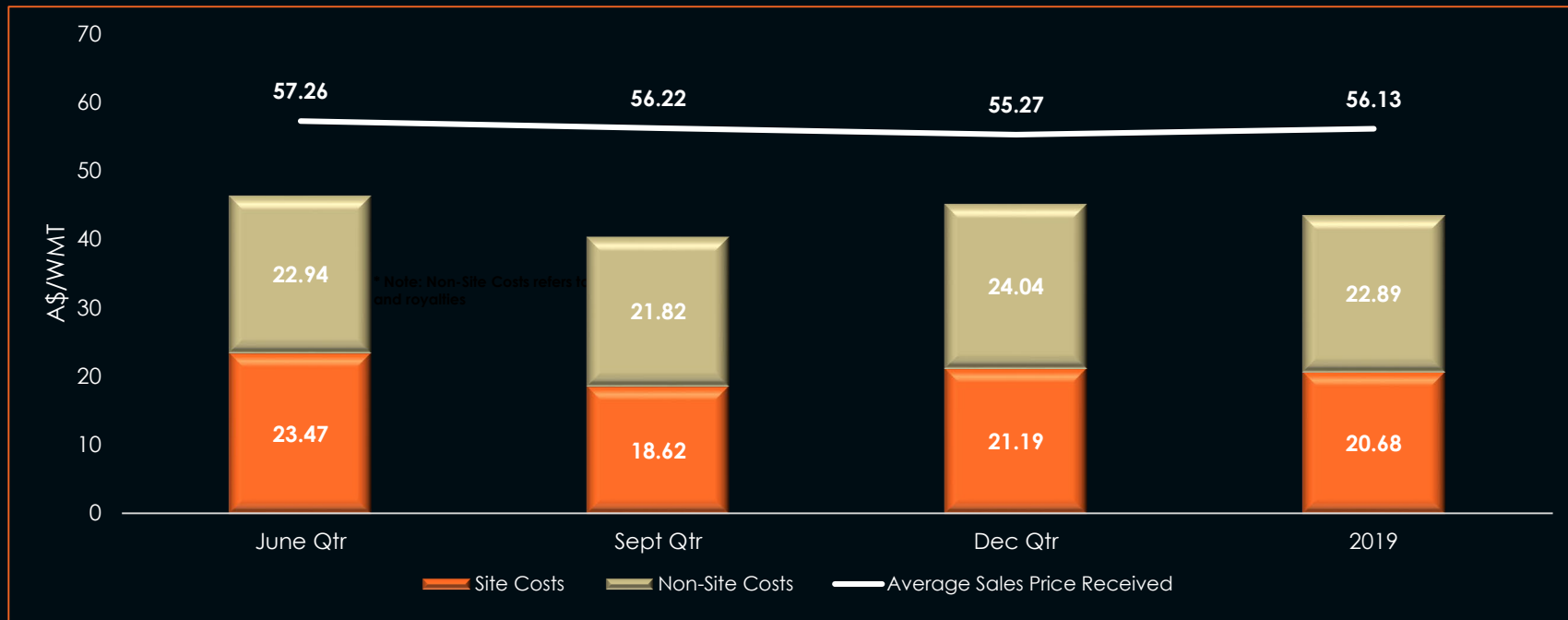






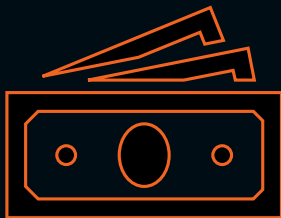
# Reducing Operating Cost\*

## 2019 Operating Costs & Realised Prices



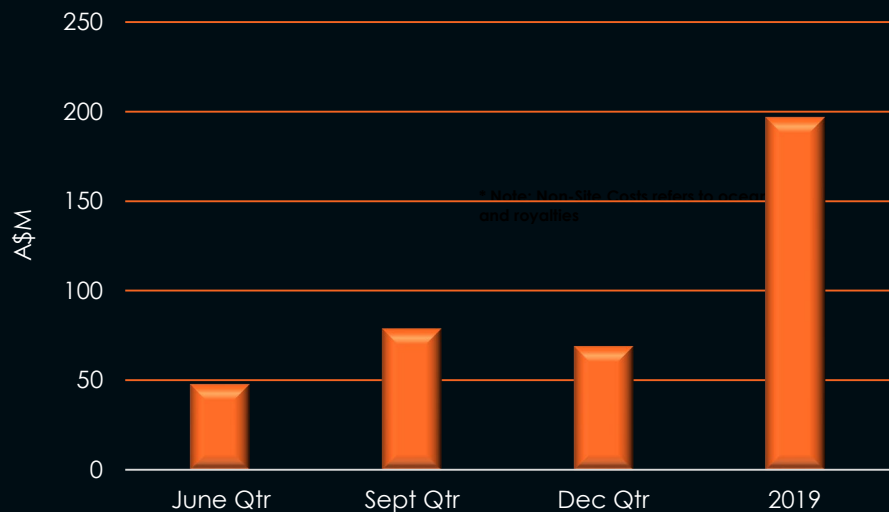
\*See ASX Release dated 23 Jan 2020 | Figures are unaudited as at 21 Feb 2020



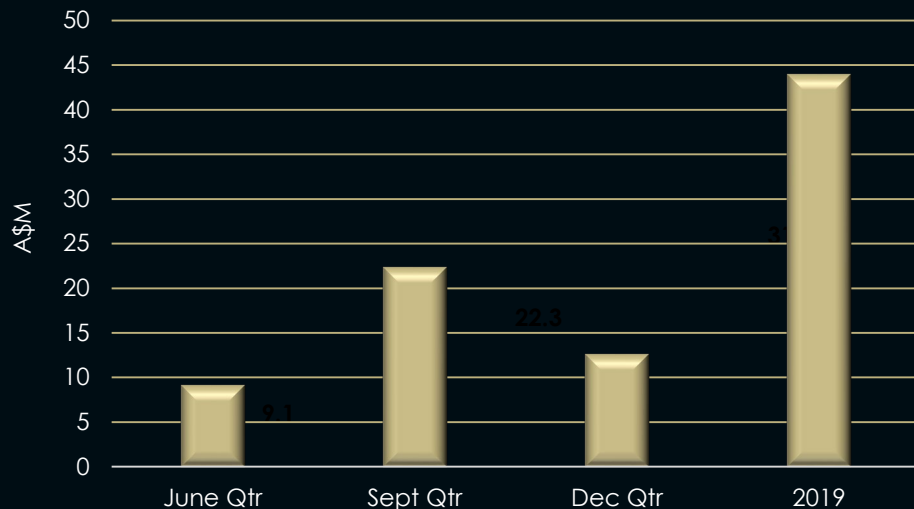


# Revenue/EBITDA Growth

## Revenue



## Site EBITDA





# Stage 2 DFS Expansion Outcomes

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Source: IAI, CM Analysis

## 6.0M WMT pa

- ✓ Significant economic benefits confirmed
- ✓ LOM unit operating costs forecast to reduce by ~18% delivered to China – margins increased
- ✓ Positions Bauxite Hills in lowest quartile of global cash cost curve for bauxite producers
- ✓ Significant reduction in unit operating costs delivered via Floating Terminal loading larger Ocean-Going Vessels

## Funding

- ✓ A\$51.4 M Capital Costs (incl 10% contingency)
- ✓ Project Payback <18 months
- ✓ Approval from NAIF received for \$47.5M facility
- ✓ Final decision to proceed after finalisation and completion of detailed engineering & design



# Stage 2 Expansion – Floating Terminal

Source: IAI, CM Analysis



Floating Terminal by Rocktree for indicative purposes only

# Future Growth

Reserve up  
17.3Mt (18.8%)  
to 109.5Mt (wet)

- Depletion by mining
- Conversion of existing resources
- Moisture assumption adjustment based on operational experience

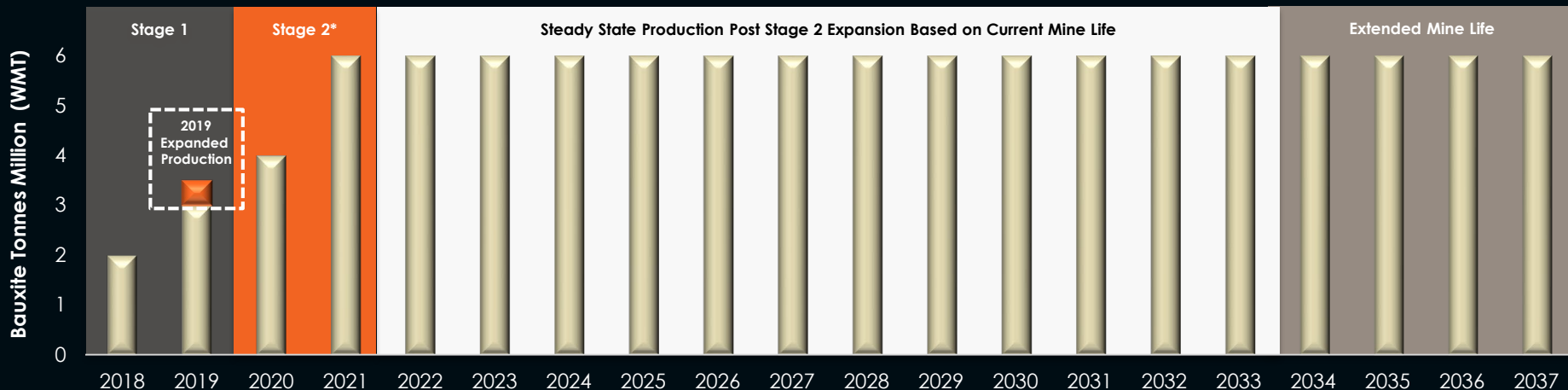
Resource down  
6.4Mt (4.6%) to  
138.2Mt (dry)

- Depletion by mining
- Adjustment to dry bulk density
- Measured category up 42.8%

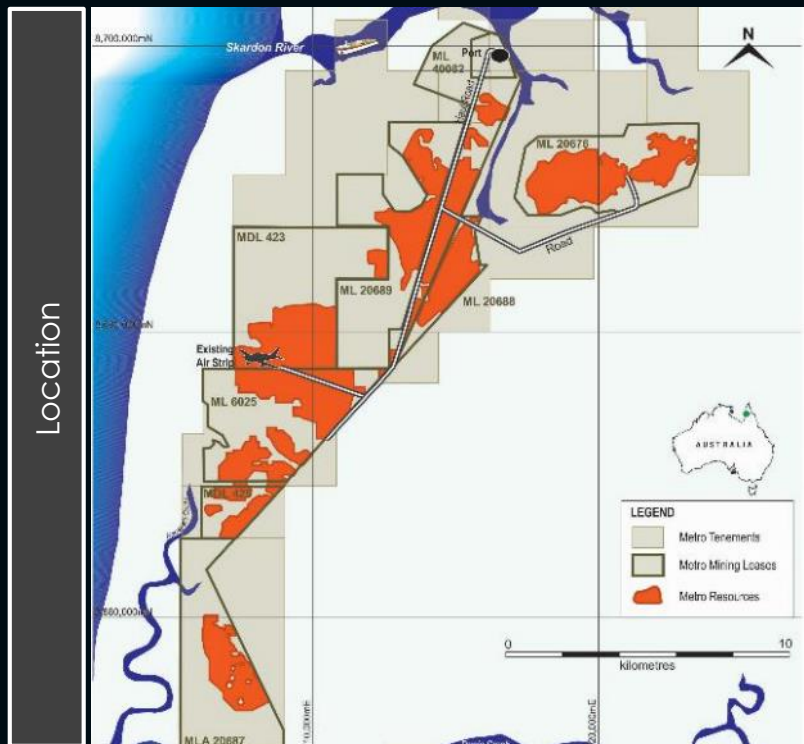
Stage 2  
Expansion DFS  
update

- Stage 2 Definitive Feasibility Study complete – compelling financial metrics
- Detailed design on the floating Terminal underway
- NAIF facility to fund majority of capital costs

## Strong Stage 2 Production Expansion



# Bauxite Hills Mine Snapshot



## Key Statistics

Project Overview	Ownership:	Metro (100%)			
	Commodity	Bauxite			
	Location:	Cape York, Qld			
	Product Type	Direct Shipping Ore			
	Contained Mineral:	Reserves	109.5Mt <sup>1</sup>	Resources	138.2Mt <sup>1</sup>
	Mining	Mine Type	Surface mining	Status	Operational
Operational Overview	Commenced Mining	April 2018			
	2018 Production	~2.04M WMT			
	2019 Production	~3.4M WMT			
	Future Production <sup>2</sup>	~6M WMT pa (from 2021)			
	Mine Life	To 2037			
	Operations	Mining & transhipment			
	Workforce	~240 personnel			

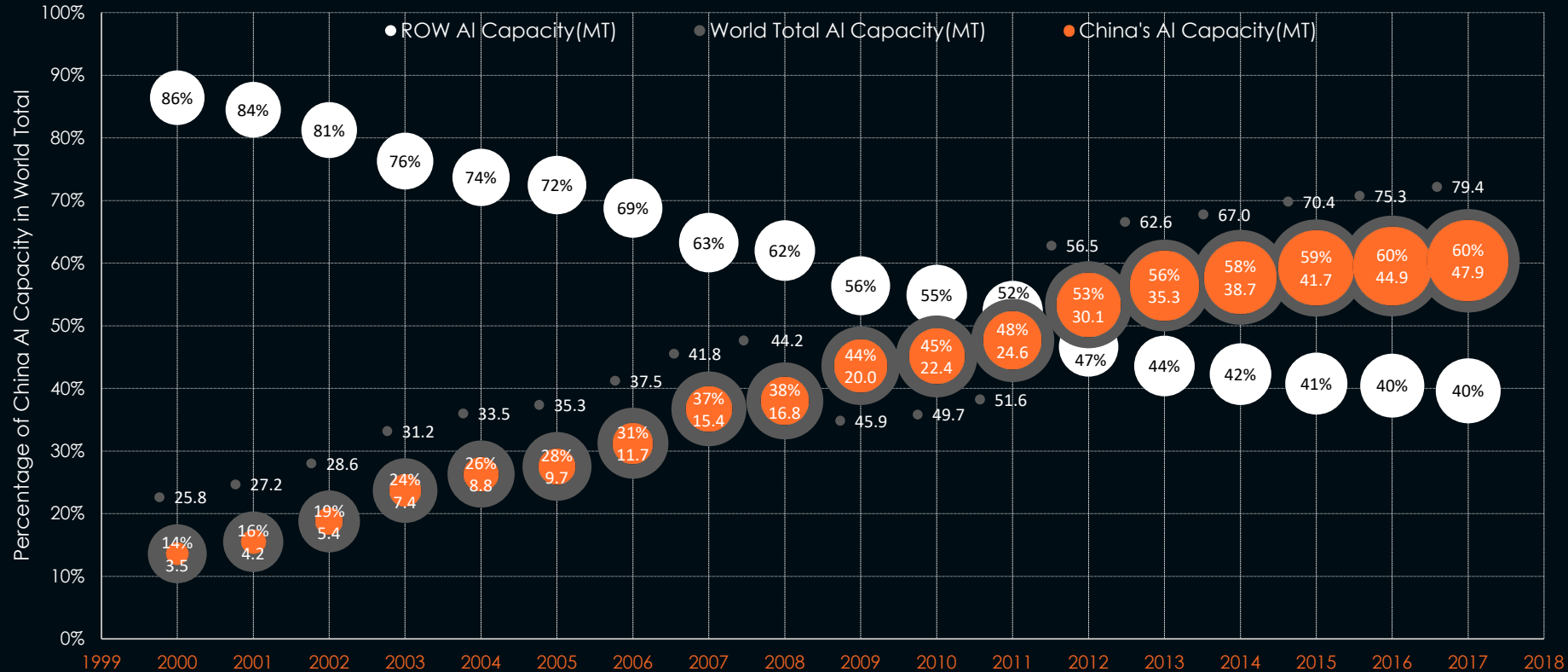
1. ASX Release 14 October 2019

2. Subject to Board Approval of Expansion to Stage 2

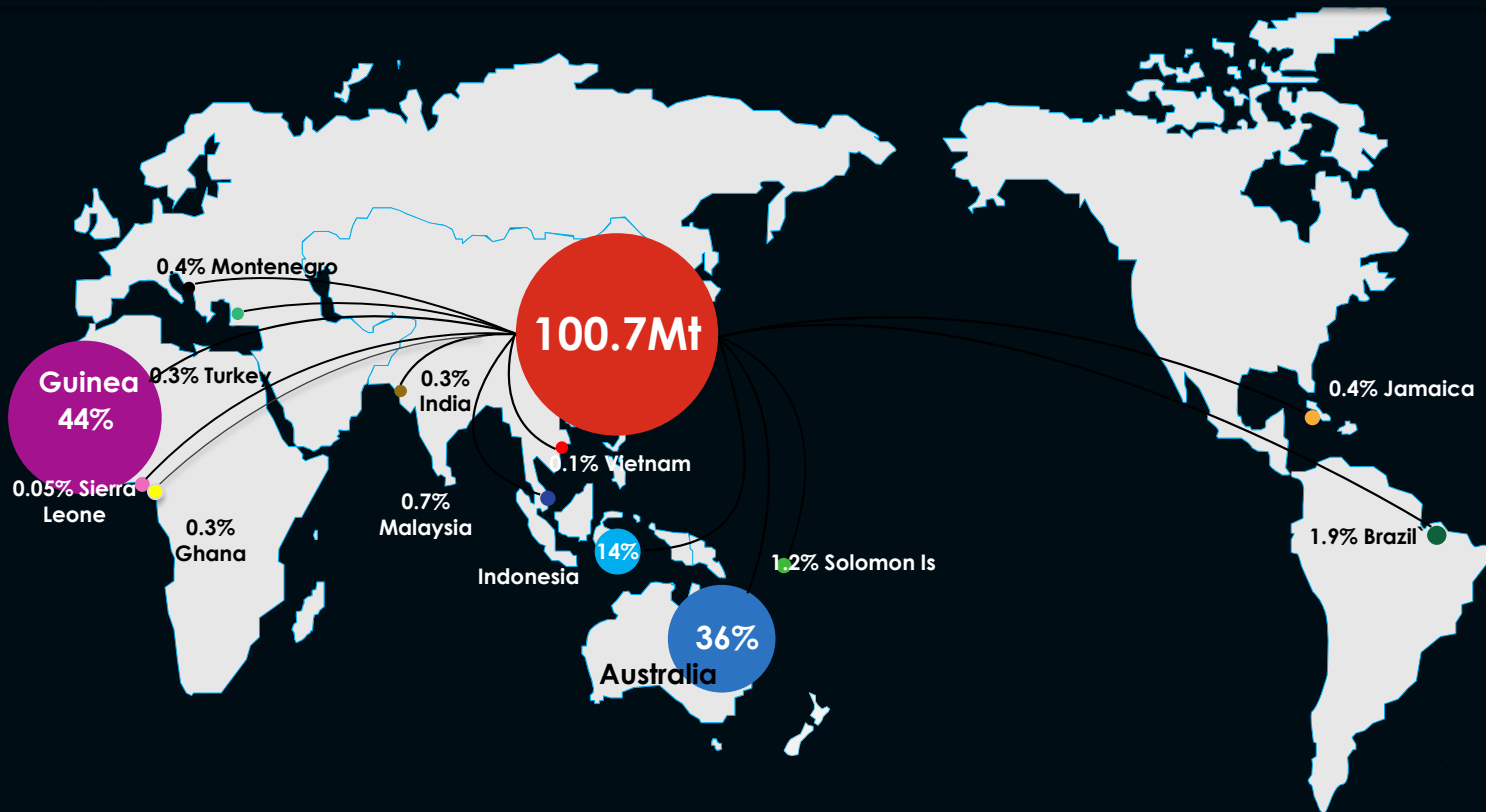
# China vs ROW Primary Aluminium Capacity 2000 – 2018 (Mtpa)

Source: IAI, CM Analysis

Source: CM Group



# China's 2019 Bauxite Imports



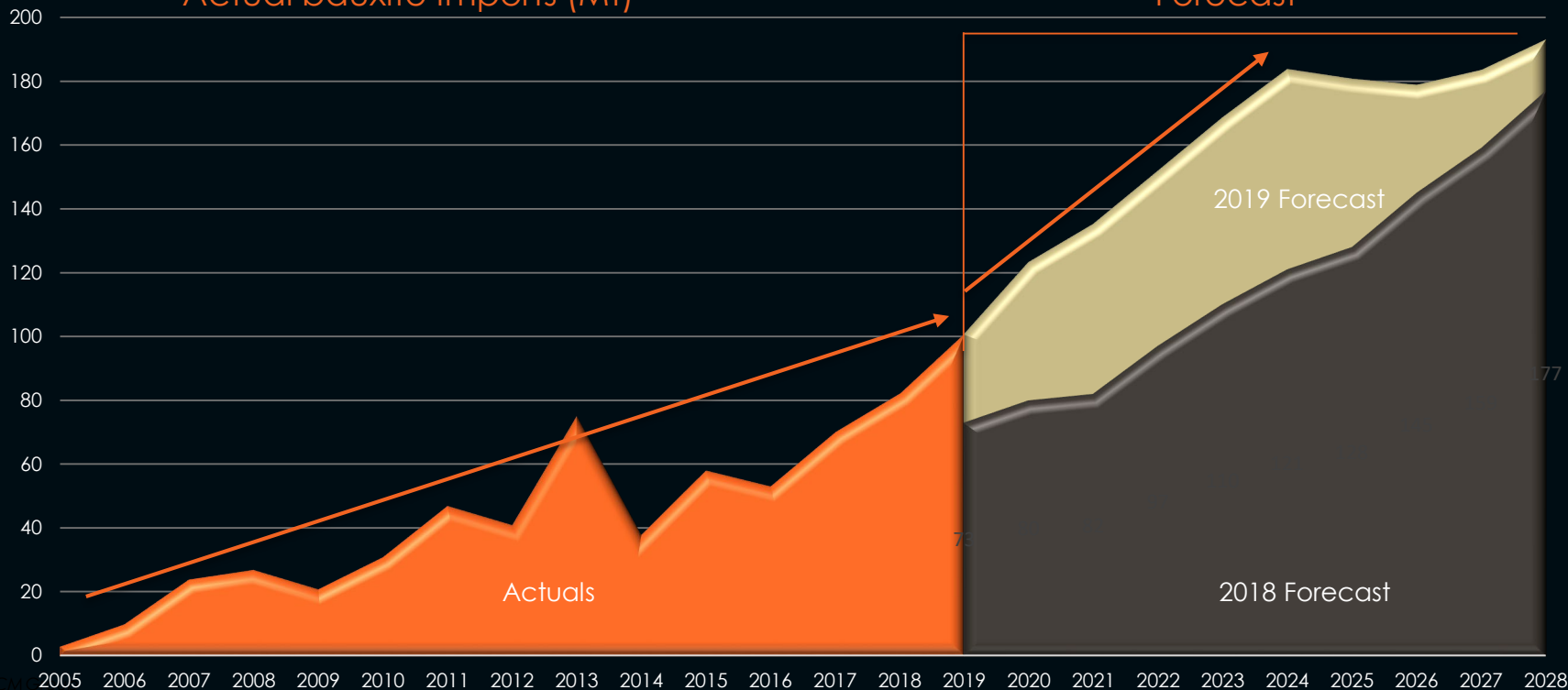
- China imported, a record breaking, 100.7Mt (dry) of bauxite in 2019
- Guinea, despite an abnormally difficult wet season, averaged 3.7Mt per month into China.
- Australia achieved steady growth in 2019 and, with Bauxite Hills & Amrun ramping up, averaged 3Mt per month into China.



# China Demand Outlook Remains Strong

Actual bauxite Imports (Mt)

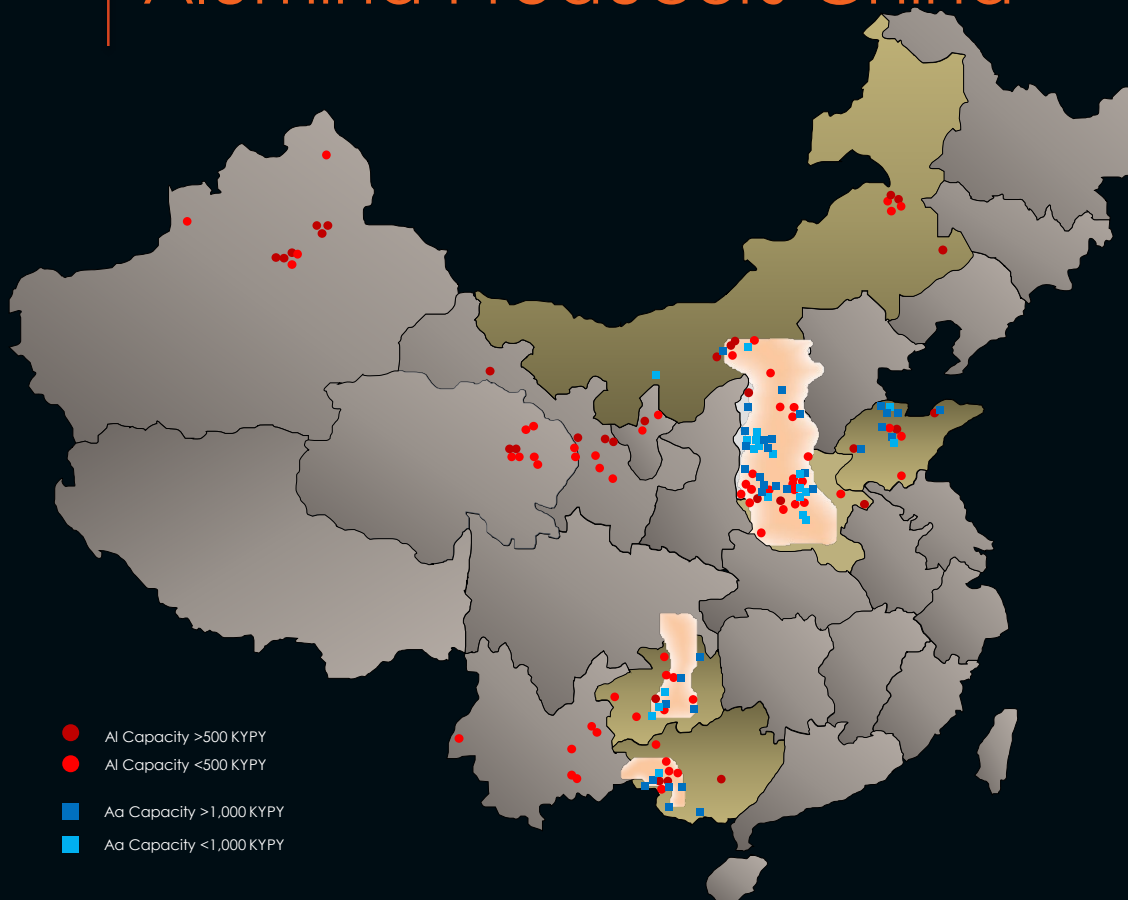
Forecast



Source: CM

# Alumina Producers China

Source: CMGroup



## Main Bauxite Concentration

### Major alumina producing provinces:

1. Shandong
2. Shanxi
3. Henan,
4. Guangxi
5. Guizhou
6. Inner Mongolia

### Top 11 primary AI production provinces

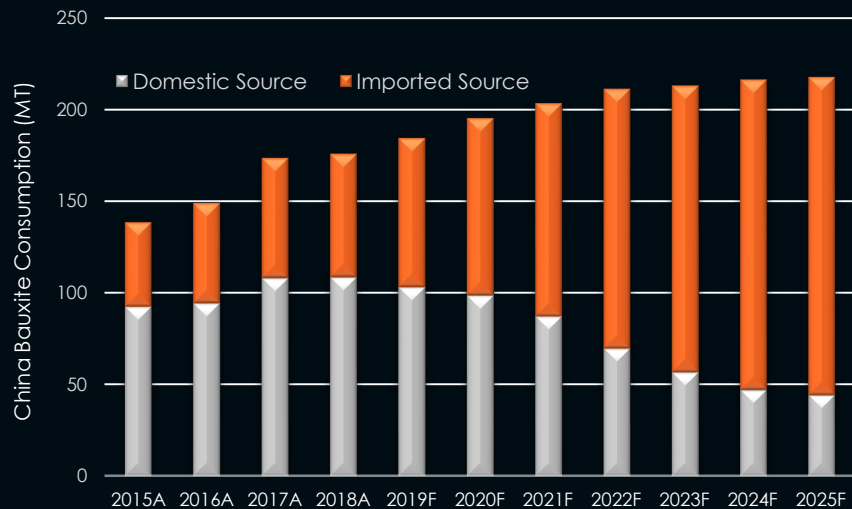
1. Shandong
2. Xinjiang
3. Inner Mongolia
4. Henan
5. Gansu
6. Qinghai
7. Yunnan
8. Ningxia
9. Guizhou
10. Shanxi
11. Guangxi

# Bauxite Market & Price Outlook

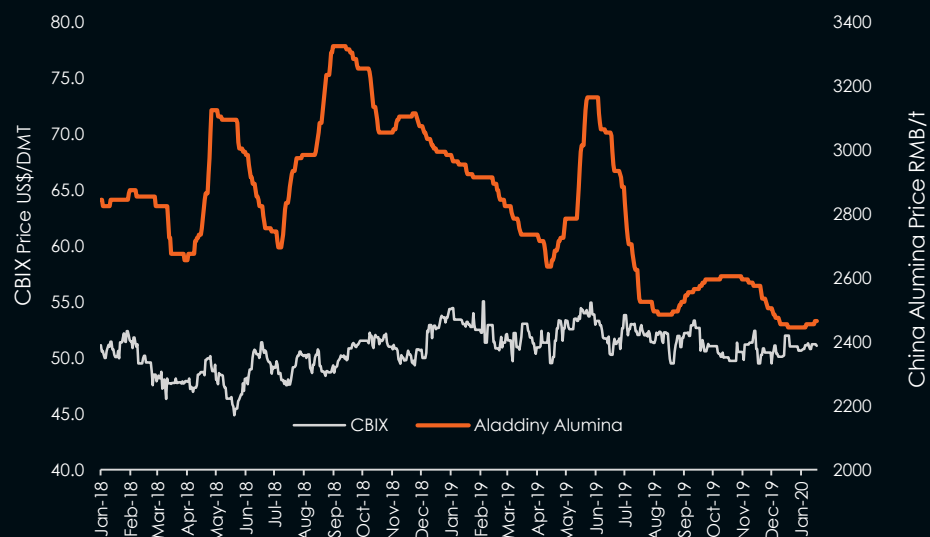
Source: CM GROUP

- China imports continue to increase with total 2019 imports likely to be 95Mt
- Bauxite prices in an upward trend with CBIX bauxite index currently US\$51.0 DMT (dry metric tonne)
- Strong demand for Metro's bauxite from Chinese inland Refineries as domestic bauxite supply has been hindered by resource depletion, recent mine closures and environmental audits

China Bauxite Consumption



CBIX Weighted Daily Price VS Alumina Price Index



Source: CM Group

# Positive Community Relationships

- Relationship continues to grow and flourish
- Metro a key part of Northern Cape York Community
- Current Indigenous employment is well above target
- Business opportunities for indigenous groups being assessed with one already in place



# Investment Rationale



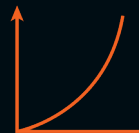
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Simple Project –  
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Enduring Geographical &  
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# Disclaimer

## FORWARD LOOKING STATEMENT

Statements and material contained in this ASX Presentation, particularly those regarding possible or assumed future performance, production levels or rates, commodity prices, resources or potential growth of Metro Mining Limited, industry growth or other trend projections are, or may be, forward looking statements. Such statements relate to future events and expectations and, as such, involve known and unknown risks and uncertainties. Graphs used in this ASX Presentation (including data used in the graphs) are sourced from third parties and Metro Mining has not independently verified the information. Although reasonable care has been taken to ensure that the facts stated in this ASX Presentation are accurate and that the opinions expressed are fair and reasonable, no reliance can be placed for any purpose whatsoever on the information contained in this document or on its completeness. Actual results and developments may differ materially from those expressed or implied by these forward-looking statements depending on a variety of factors. Nothing in this ASX Presentation should be construed as either an offer to sell or a solicitation of an offer to buy or sell shares in any jurisdiction.

## For Further Information:

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This ASX Presentation has been authorised by Metro Mining Director, Simon Finnis

## COMPETENT PERSON'S STATEMENT

The information in this report that relates to the Bauxite Hills Mine Mineral Resource is based on information compiled by Ed Radley who is a consultant to Metro Mining and a Member of the Australian Institute of Mining and Metallurgy (MAusIMM). Mr Ed Radley has sufficient experience which is 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 Ed Radley has consented in writing for inclusion in this Report the matters based on the information in the form and context it appears.

## COMPETENT PERSON'S STATEMENT

The information in this report that relates to the "Metro Mining – Bauxite Hills" Reserves is based on information compiled by MEC Mining and reviewed by Edward Bolton, a Competent Person who is a Member of the Australasian Institute of Mining and Metallurgy. Edward Bolton is a full-time employee of MEC Mining Pty Ltd. Edward Bolton has sufficient experience that is relevant to the style of mineralization, 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'. Edward Bolton consents to the inclusion in the report of the matters based on his information in the form and context in which it appears. Competent Person Statement:

## COMPETENT PERSON'S STATEMENT

The information in this report that relates to Exploration Results is based on information compiled by Neil McLean who is a consultant to Metro Mining and a Fellow of the Australian Institute of Mining and Metallurgy (F.Ausimm). Mr McLean 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 McLean consents to the inclusion in the report of the matters based on information in the form and context in which it appears.