



# BAUXITE RESOURCES LIMITED

*“Scaling up to succeed”*

Mines & Money Beijing Presentation 17-20 June 2013  
Peter Canterbury – CEO, Bauxite Resources



# COMPANY PROFILE

Ordinary Shares	235m
Market Cap	\$28.2m (31/05/13)
Bank Debt	\$ 0
Current cash	\$43m (31/05/13)
Resource	243.7Mt bauxite
Chair	Barry Carbon
CEO	Peter Canterbury

Major Shareholders	%
HD Mining & Inv PL	8.4%
Yankuang Res PL	8.4%
Big Fish Nom PL	7.51%
Tailrain PL	7.23%
Dilkara Nom PL	5.19%



Stock Code: **BAU**



- Large landholding 17,945 km<sup>2</sup> (9,720 km<sup>2</sup> granted) in WA's Darling Range
- World's largest producing area for bauxite
- Darling Range bauxite already supports 4 alumina refineries – 3 in lowest quartile
- JORC Code compliant Resources of 243.7 Million tonnes of bauxite
- Significant upside resource potential with only 2.8% of granted landholding drilled
- 2 existing JV's in place for development of Bauxite and Alumina in WA
- Cash of \$43m with majority of exploration expenses funded by JV partners
- Tenements close to existing road, rail and port infrastructure
- Board experienced in bauxite/alumina development and operations



# EXPERIENCED BOARD



**Barry Carbon AM – Chairman**  
 Past CEO of Western Australian Environmental Protection Authority, past Chairman of the Waste Authority of Western Australia.  
 Experienced and awarded environmental governance expert.



**John Sibly – Non Executive Director**  
 Highly respected mining executive with expertise in the bauxite alumina industries. Past President of Global Manufacturing Alcoa World Alumina and Chemicals based in New York.



**Peter Canterbury – CEO & Executive Director**  
 Mining professional with extensive experience in bulk commodities industry, in particular bauxite and alumina. Former CFO of Sundance Resources Iron Ore Project and Dadco Europe’s investments in Alumina and Bauxite. Former Alcoa executive with experience in finance and marketing.



**Ding Feng – Non Executive Director**  
 Managing Director of Shandong No1 Institute of Geology & Minerals of Shandong Province. Expertise in geophysical exploration and business management.



**Luke Atkins – Non Executive Director**  
 Experienced legal executive and company director with expertise in capital raising and public listing.  
 Extensive experience with exploration companies and their business development.



**Yan Jitai – Non Executive Director**  
 Deputy General and GM of the Electricity & Aluminium branch of Yankuang Group .  
 40 years experience in the engineering, coal mining, power generation and aluminium smelting industries in China.



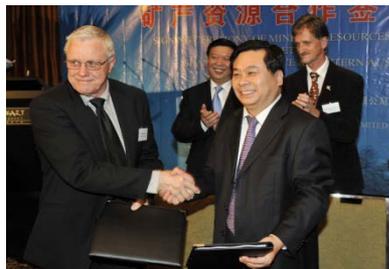
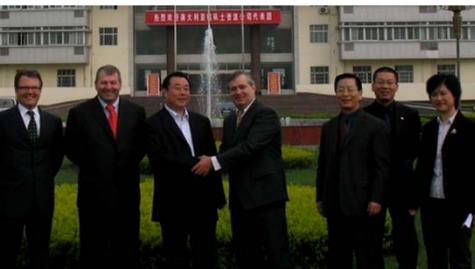
**Neil Lithgow – Non Executive Director**  
 Experienced mining geologist with over 20 years in the exploration and mining industries.  
 Expertise in mineral exploration, economics of mineral development and mining feasibility studies.



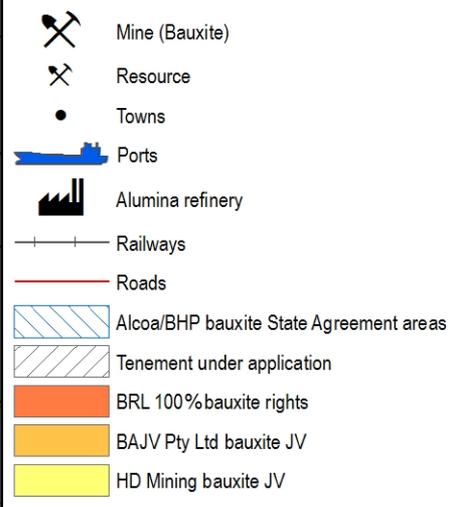
**Robert Nash – Non Executive Director**  
 Legal professional, currently practising as a barrister based in Western Australia.  
 Experienced company director and board member on statutory and professional bodies.

# ESTABLISHED JOINT VENTURES

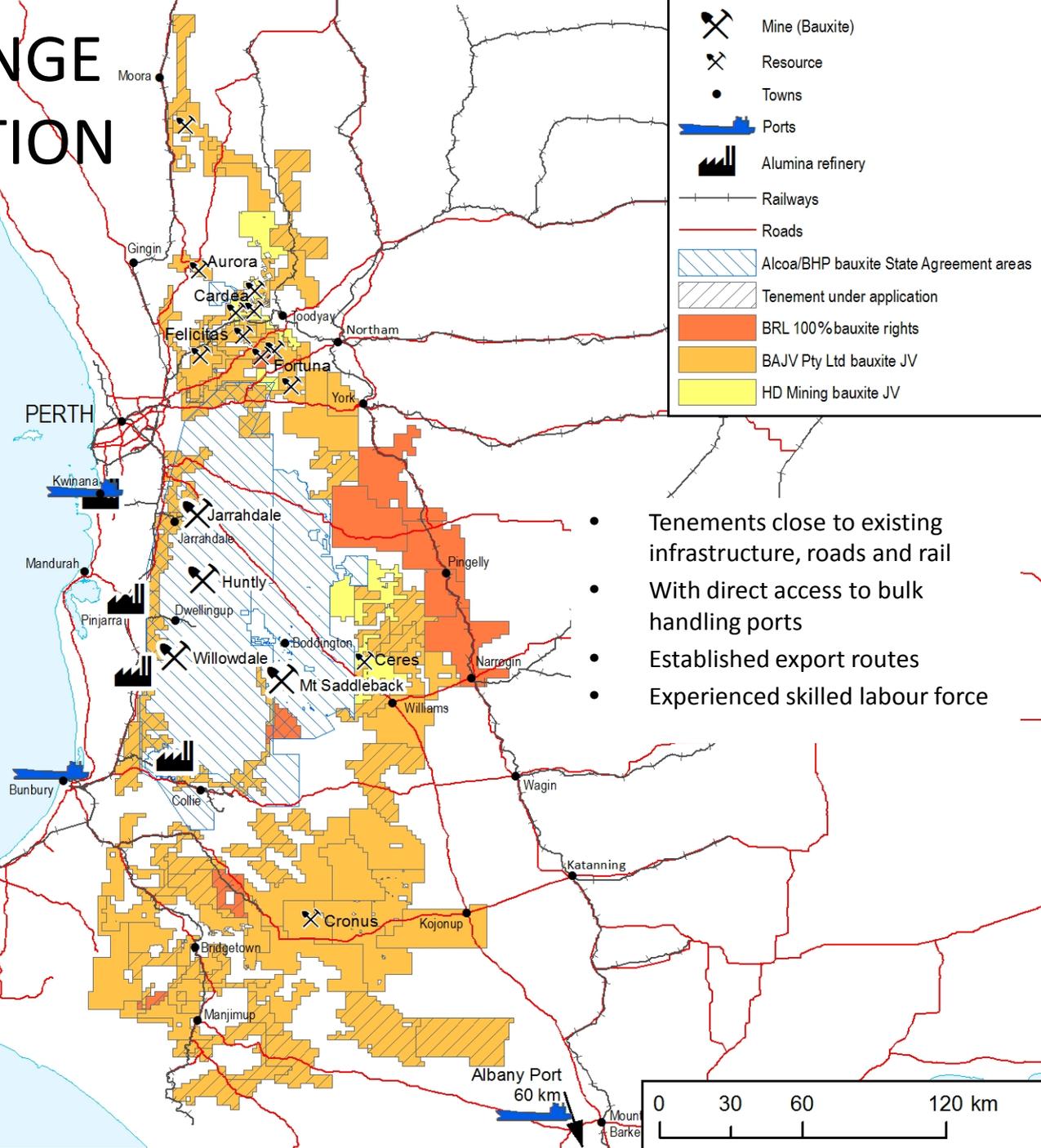
- **Bauxite Alumina Joint Venture (BAJV) with Yankuang Resources (YK)**
  - Bauxite and Alumina rights only
  - YK to fund 70% of all bauxite exploration costs for 70% bauxite resource
- **HD Mining (Shandong # 1 Institute of Geology & Minerals Exploration (Shandong )**
  - Bauxite rights only
  - Agreement covers 1,000km<sup>2</sup>
  - HD Mining to fund 100% of exploration and Feasibility Costs(FS)
  - Earn 60% bauxite ownership on completion of a FS and decision to mine
- **216 Million tonnes of resources delineated under existing JV arrangements**
- **BRL solely owned tenements, Fortuna resource – significant exploration targets present attractive investment opportunities**



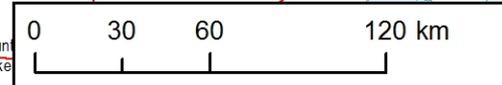
# BRL DARLING RANGE RESOURCE LOCATION & DISTRIBUTION



Bauxite Ownership	Resource	Tenement Holdings
Solely BRL	26.8Mt	2,251km <sup>2</sup>
Joint Venture with Bauxite Alumina JV (Yankuang Group)	188.2Mt	14,665km <sup>2</sup>
Joint Venture with HD Mining & Investments	28.7Mt	1,029km <sup>2</sup>
<b>Total</b>	<b>243.7Mt</b>	<b>17,945km<sup>2</sup></b>



- Tenements close to existing infrastructure, roads and rail
- With direct access to bulk handling ports
- Established export routes
- Experienced skilled labour force



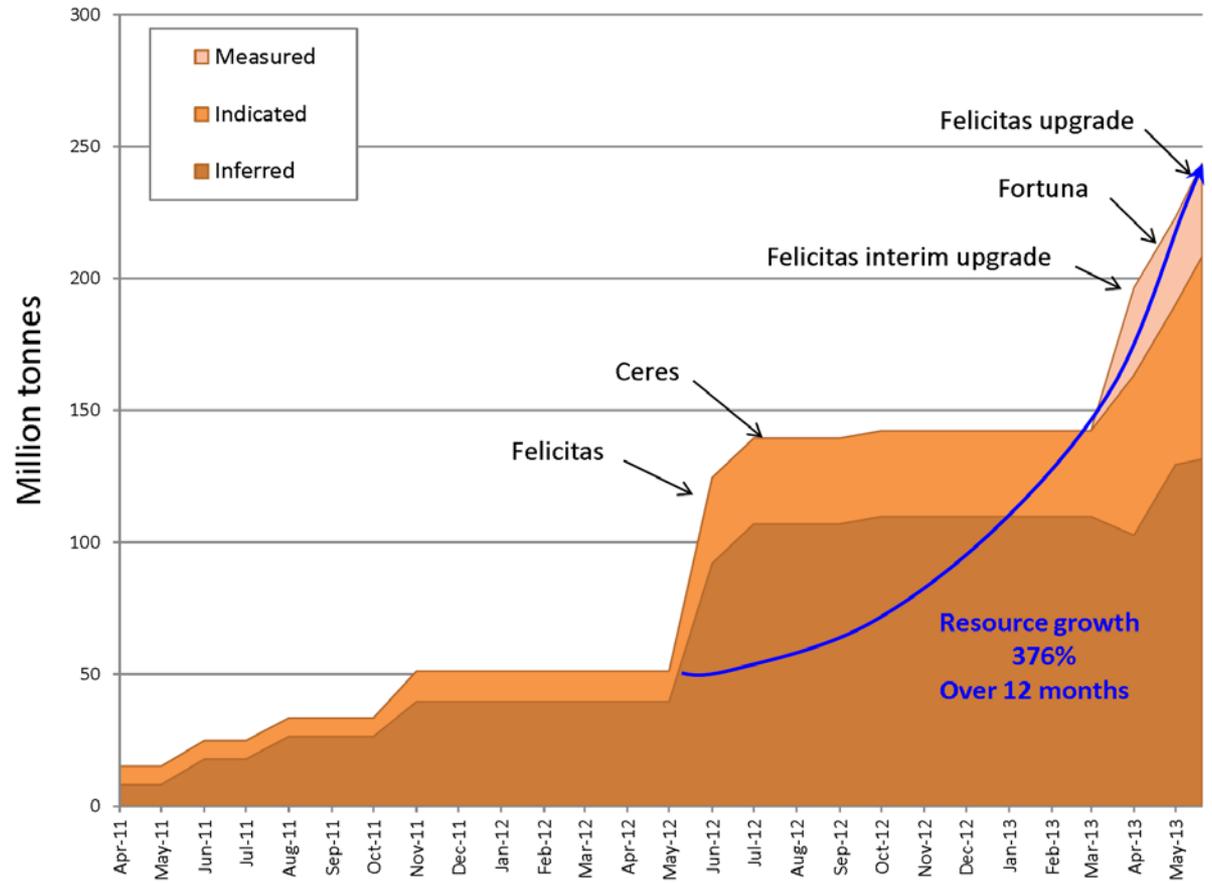
# RESOURCE SUMMARY

Resource Summary	Size Mt	Al <sub>2</sub> O <sub>3</sub> %	Available Al <sub>2</sub> O <sub>3</sub> %	Reactive SiO <sub>2</sub> %	Al <sub>2</sub> O <sub>3</sub> avail:SiO <sub>2</sub> reactive	Depth of overburden (m)	Max Bauxite Thickness (m)	Bulk Density
<b>BRL 100%</b>								
Fortuna	26.8	37.8	29.2	1.4	20.9	2	13	2.17
<b>BRL 100% Sub total</b>	<b>26.8</b>	<b>37.8</b>	<b>29.2</b>	<b>1.4</b>				
<b>JV with Bauxite Alumina JV (Yankuang Group)</b>								
Felicitas	147.9	39.4	30.1	2.0	<b>15.1</b>	2	16	2.17
Cardea3 BAJV	10.5	41.2	29.9	3.8	7.9	1	10	1.6*
Minerva	2.2	38.7	28.9	3.9	7.4	3	6	1.6*
Aurora	11.4	42.7	31.9	3.4	9.3	1	5	1.6*
Rusina	3.7	40.3	29.1	5.3	5.5	1	5	1.6*
Juturna	8.2	40.2	29.9	3.9	7.7	3	6	1.6*
Vallonia	1.5	36.6	28.0	3.9	7.2	1	6	1.6*
Cronus	2.8	39.3	28.3	2.8	10.1	2	11	1.6*
<b>BAJV Sub total</b>	<b>188.2</b>	<b>39.7</b>	<b>30.2</b>	<b>2.3</b>				1.6*
<b>JV with HD Mining &amp; Investments</b>								
Ceres	15.0	40.9	31.7	3.0	10.6	3	7	1.6*
Cardea1&2	6.4	41.8	29.3	4.3	6.8	3	6	1.6*
Cardea3	7.3	41.2	29.9	3.8	7.9	1	10	1.6*
<b>HDM Sub total</b>	<b>28.7</b>	<b>41.0</b>	<b>30.5</b>	<b>3.6</b>				

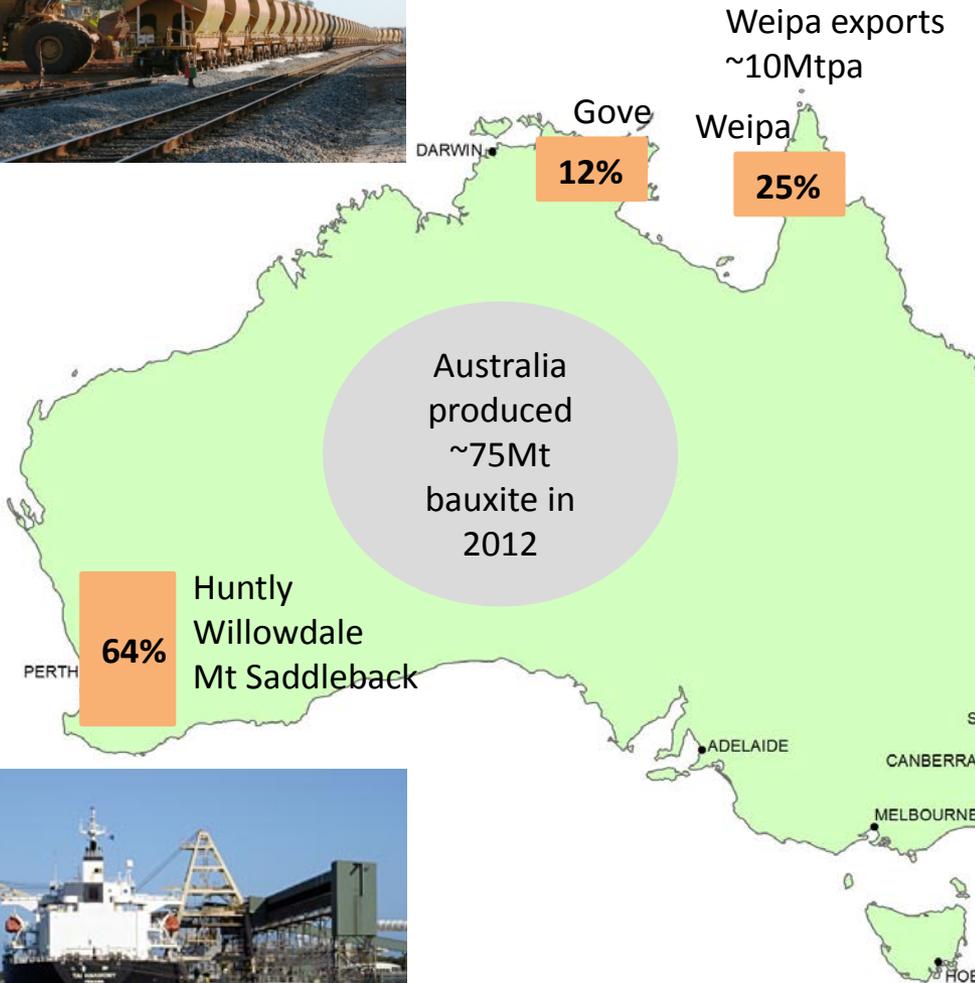
- Gibbsite ore with low reactive silica ratios to available alumina
- Limited overburden, close to surface, low mining costs
- Only 2.8% of Land holdings drilled

*\* Potential of likely increase subsequent to further core drilling and density determination*

# BRL & PARTNERS RESOURCE GROWTH



# WHY DARLING RANGE BAUXITE?



## Western Australia largest bauxite producing region in the world

- Tenure dominated by large, private land holdings (farms) with supportive community
- Excellent access to existing road and rail infrastructure suitable for transportation of bauxite
- Proximity to ports
- Darling Range bauxite is gibbsitic in nature – extractable by low temperature digestion method
- Deposits typically shallow, with <2m overburden

# BAUXITE/ALUMINA/ALUMINIUM – MARKET DYNAMICS

- China's real estate investment growth – accounts for 40% of China's Aluminium use
- Substitution by aluminium of wood in rail cars and copper in wiring now occurring
- Electric power industry reports high growth in aluminium twisted wire output
- Global aluminium oversupply but demand for bauxite is increasing
- Growth in aluminium capacity in China, Russia, India and Middle East leading demand for traded bauxite.
- China now imports ~60% of bauxite requirements



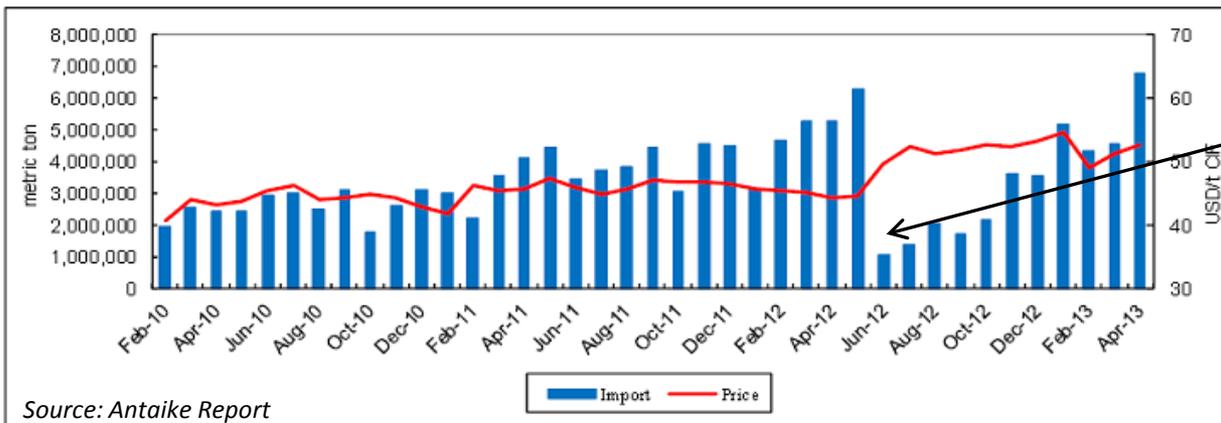
# BAUXITE/ALUMINA/ALUMINIUM – MARKET DYNAMICS

- Smelters globally are now concerned about securing long term supplies of bauxite and alumina
- Whilst Indonesia is currently exporting bauxite it is likely that bans implemented in 2012 will be re-introduced in 2014.
- BRL's WA Bauxite is a significant source to satisfying the demand for seaborne bauxite trade



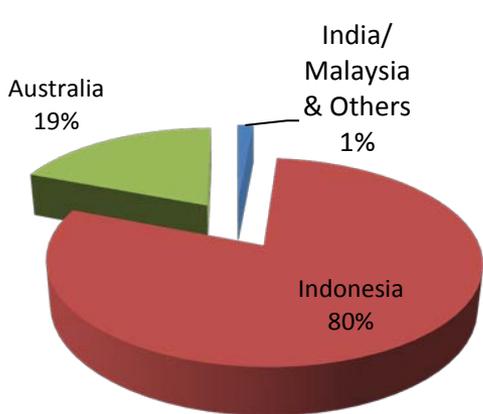
# CHINESE BAUXITE IMPORTS CHANGING DYNAMICS

Chinese bauxite imports and prices (CIF to Chinese Port)

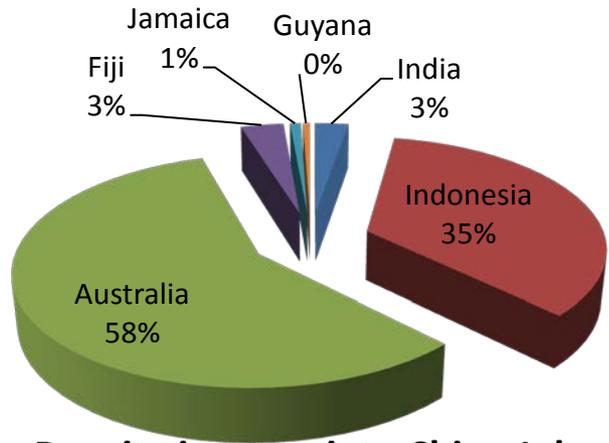


Source: Antaike Report

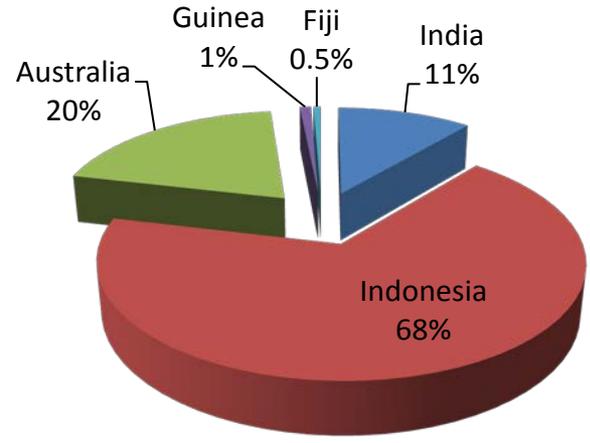
- 2011 - 49Mt bauxite imported
- May 2012 Indonesia restricts exports of bauxite
- April 2013 Imported Bauxite reached all time record of 6.7Mt



2011 Source of bauxite imports into China



Bauxite imports into China July-Sept 2012 post Indonesian supply issue



Bauxite imports into China April 2013

# BRL HAS SCALE TO DEVELOP THE ALUMINA/BAUXITE INDUSTRY IN WA

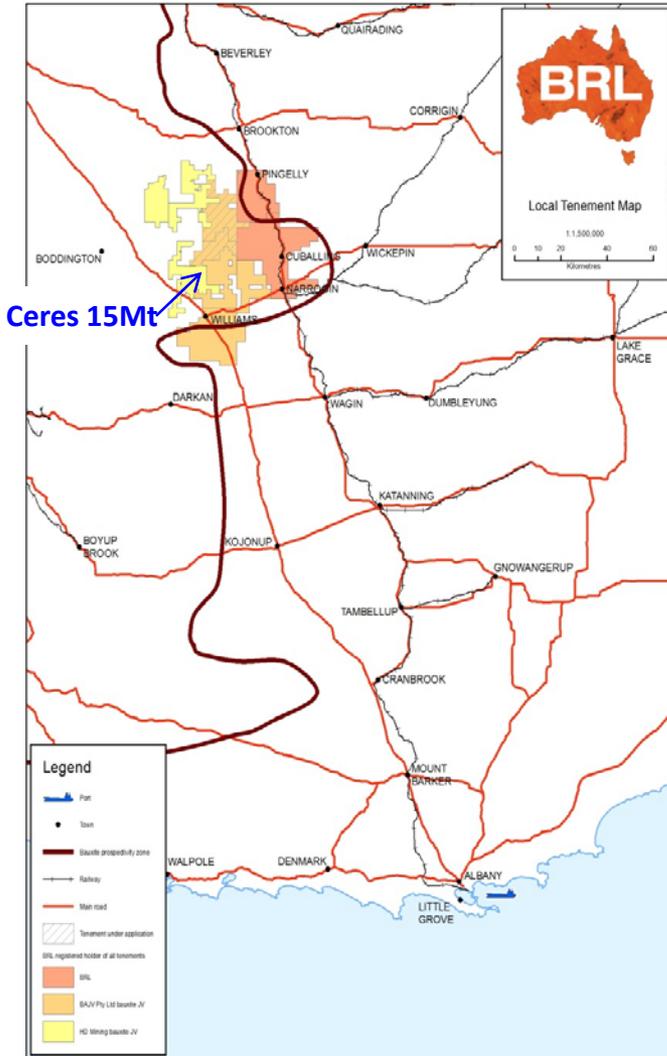
- Alcoa's Jarrahdale mine extracted ~ 160Mt over its 35 year life to supply Kwinana Alumina Refinery
- Alcoa's Del Park bauxite mine supplied ~ 55Mt of bauxite to Pinjarra over a 20 year period
- BRL's current resources at 243MT are significantly above both these mines
- Substantial upside potential on size of bauxite resources with only 2.8% of our granted landholdings drilled for resources
- Darling Range bauxite is gibbsitic in nature – extractable by low temperature digestion method
- Reason why WA Refineries are low cost producers
  - Low Reactive Silica levels support low caustic soda consumption
  - Significant cost savings from low energy and caustic soda usage rate

# BAUXITE EXPORT POTENTIAL

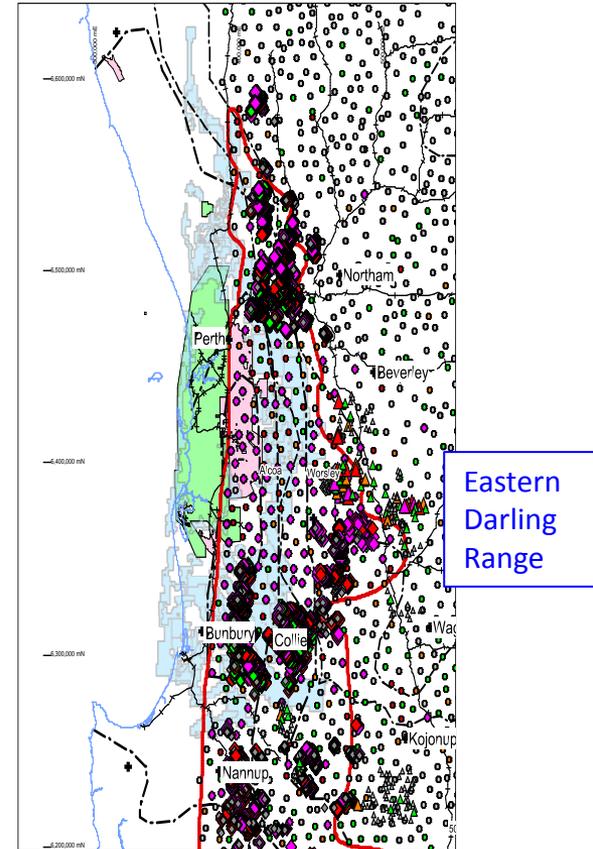
- 128,000t trial shipments in 2010 proved technical feasibility
- East Darling range deposits have existing nearby rail access and port capacity available to support shipment through Albany
- North Darling Range Deposits Rail are located close to rail and port facilities
- Darling Range bauxite is gibbsitic in nature – extractable by low temperature digestion method
- Deposits typically shallow, with <2m overburden
- Conducted a number of R&D programs on beneficiation on wet and dry screening of bauxite



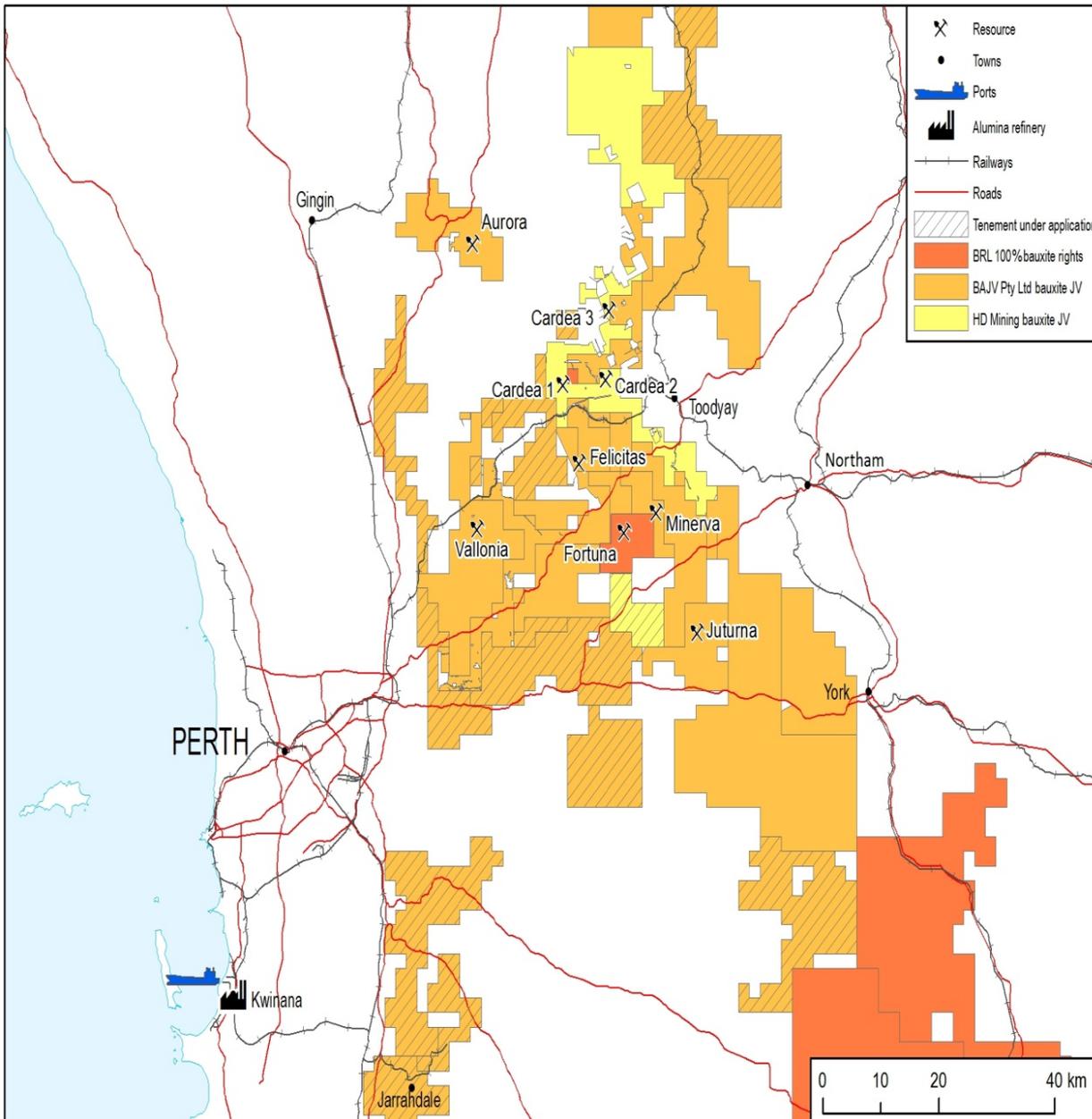
# EASTERN DARLING RANGE



- Existing resource of 15Mt (Ceres) supported by:
  - regional surface sampling
  - historic drilling
  - rainfall
  - topography
- BRL has large tenement holding of 3,222 km<sup>2</sup>
- Small number of large properties (farms)
- Supportive community
- Excellent road and rail infrastructure
- Albany Port 280km from project area



# NORTHERN DARLING RANGE



- Existing resource of 228.7Mt (Felicitas & Fortuna) supported by:
  - regional surface sampling
  - historic drilling
  - rainfall
  - topography
- BRL has large tenement holding of 3,640 km<sup>2</sup>
- Small number of large properties (farms)



# WHY BAUXITE RESOURCES?

- Size of BRL/Partner Resource with potential for significant increase
- Proximity to key export Market (China and SE Asia)
- Low temperature easily extracted Bauxite in world's lowest cost refining environment
- Strong Partners
- Strong Leadership and Management Team
- Close access to mature and skilled workforce and technical resource base





# BAUXITE RESOURCES LIMITED

## **Forward Looking Statements**

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## **Exploration Targets**

The forward looking statements made in regard to bauxite exploration targets are conceptual in nature. Exploration targets are based on a number of geological assumptions and there has not as yet been sufficient exploration to fully define total extent of mineralisation. Actual results may vary materially due to a range of internal and external factors.

The information in this report that relates to Cardea1&2, Juturna, Minerva, Rusina and Vallonia Mineral Resources is based on information compiled by Peter Senini who is a Member of the Australian Institute of Geoscientists. Mr Senini 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 2004 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Senini consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The information in this report that relates to Felicitas, Cardea3, Aurora, Ceres, Cronus and Fortuna Mineral Resources is based on information compiled by Graham de la Mare who is a Member of the Australian Institute of Geoscientists. Mr de la Mare is employed by RungePincockMinarco (RPM). Mr de la Mare 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 2004 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr de la Mare consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The information in this announcement that relates to Exploration results is based on information compiled by Mark Menzies, who is a member of the Australian Institute of Geoscientists. Mr Menzies is a qualified geologist and a full time employee, and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which they are undertaking to qualify as a Competent Person as defined in the 2004 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Menzies has consented to the inclusion in this announcement of the Exploration Information in the form and context in which it appears.

## JORC Compliant Resource Statements

The following are Joint Ore Reserve Code (JORC) compliant Public Reports released to the ASX declaring the JORC resources referred to. These can be viewed on both the ASX and the Company websites, free of charge.

02/05/2011	Aurora, Rusina: Progress Report - Resource Upgrade. 15.1Mt
21/06/2011	Vallonia, Juturna: Progress Report - Resource Upgrade. 9.7Mt
22/08/2011	Cardea 1&2, Minerva: Resource Upgrade. 8.6Mt
02/11/2011	Cardea3: Resource Update. 17.8Mt
30/07/2012	Ceres: New Bauxite Resource at Williams Project Western Australia. 15.0Mt
26/10/2012	Cronus: Annual Report to Shareholders. 2.8Mt
02/05/2013	Felicitas: Upgrade of Darling Range Bauxite Resource, Felicitas. 127.5Mt
09/05/2013	Fortuna: 26.8Mt Bauxite Resource at BRL's Darling Range Fortuna Project. 26.8Mt
28/05/2013	Felicitas: Further Upgrade of Darling Range resource. 147.9Mt