

BAUXITE RESOURCES LIMITED



BAUXITE RESOURCES LIMITED

ABN 72 119 699 982

Registered Office:
3/159 Adelaide Terrace
East Perth WA 6004

Postal Address:
PO Box 6664
East Perth WA 6892

Telephone: (08) 9221 5019
Facsimile: (08) 9221 4385
Website: www.bauxiteresources.com.au



Bauxite Resources Limited

BAUXITE RESOURCES LIMITED

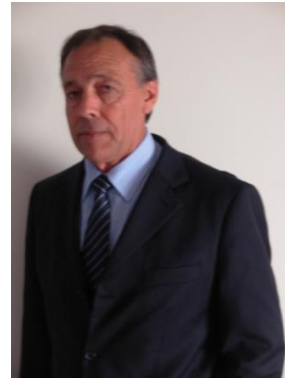
The Perth Team



(Left to right)
Geologist, Richard Millington and
Exploration Manager Peter Bleakley



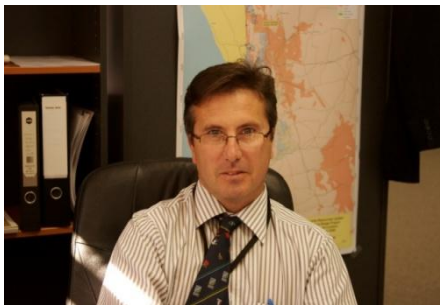
Executive Chairman
Luke Atkins



Managing Director
Dan Tenardi



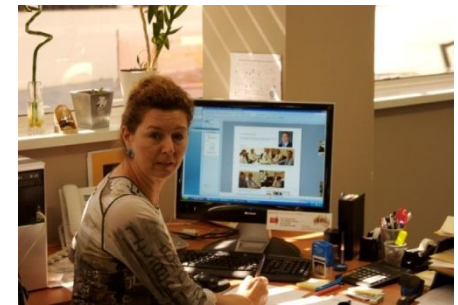
Marketing & Logistics Manager
Chester Chen



Project Infrastructure Manager
Kevin Woodthorpe



Public Affairs & Environment Manager
Brad Farmer



Office & Communications Manager
Helen Trlin



BAUXITE RESOURCES LIMITED

Board Members

Daniel Tenardi – Managing Director

- Experienced mining executive (40 years)
- 15 years bauxite mining and refinery experience

Luke Atkins – Executive Chairman

- Substantial public company experience
- Lawyer, corporate experience
- Capital raising experience

David McSweeney – Director

- Over 20 years resources experience
- Managing Director Avalon Minerals Ltd
- Former founder and CEO of Gindalbie Metals Ltd

Robert Nash – Director

- Lawyer, corporate governance experience
- Ethics Review Committee

Neil Lithgow – Director

- Geologist, 20 years experience
- Aquila Resources, Eagle Mining

Graeme Smith - Company Secretary

- Over 20 years accounting and company administration experience
- Expertise in capital raising process

Management Team

Peter Bleakley – Chief Exploration Manager

- Experienced geologist
- Exploration manager

Chester Chen – Marketing and Logistics Manager

- Experienced International marketing consultant
- Commercial relationships with China
- Experienced logistics manager

Kevin Woodthorpe – Project Manager Consultant

- Experienced infrastructure and resource project manager
- Energy expertise

Brad Farmer – Public Affairs and Environment Manager

- Over 20 years experience in corporate, government and community affairs
- An experienced senior policy and media advisor to Government and government agencies

Peter Senini – Consultant Senior Geologist

- Experienced exploration geologist
- 28 years bauxite evaluation, risk assessment, feasibility and cost analysis experience with Alcoa

BAUXITE RESOURCES LIMITED

Management Philosophy

Our Vision:

“To be a sustainable generator of economic and social prosperity to all stakeholders through the responsible development of resources.”

Our Mission:

“To be a significant bauxite miner and alumina/aluminium producer.”



BAUXITE RESOURCES LIMITED

Resources

Darling Range Project:

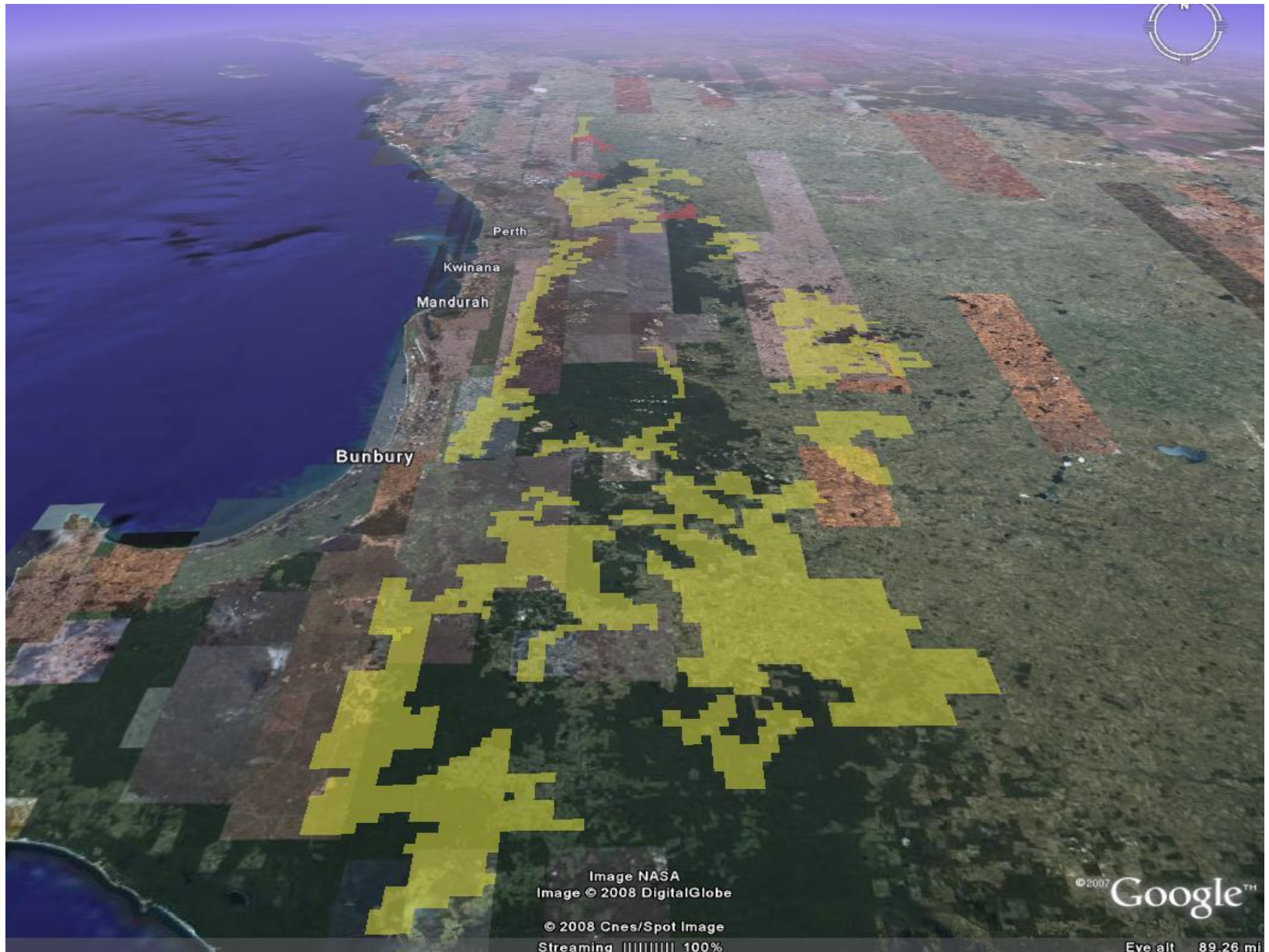
- Currently have 55 tenements
- Three (3) are granted
- The tenements cover an area of 11,000 square kilometres (km²) of extensive bauxite rich laterites.

Kimberley Project:

- Currently have 3 Exploration Licenses
- Covering approximately 1,153 km²
- This is a longer term project and work is being carried out to review known resources on adjoining ground and the interpretation of satellite imagery as part of further target generation and land holding rationalisation.



Google Earth image showing areas covered by BRL's Darling Range tenements (in application yellow, granted red)



Google Earth image showing areas covered by BRL's Kimberley tenements



Kimberley

E 8004181

E 0401853

E 8004180

Image NASA
Image © 2008 DigitalGlobe

© 2008 Cnes/Spot Image

© 2007 Google™

BAUXITE RESOURCES LIMITED

The Project

Stage 1 :

The exportation of bauxite (DSO) to customers at a rate of 3Mt per annum

Stage 2 :

1. Carry out a feasibility study to construct and operate an alumina refinery with an ultimate output capacity of 800,000 tonne per annum.
2. Conduct a feasibility study to construct and operate an aluminium smelter.
3. If either or both of the feasibility studies above return negative results, then the export of bauxite will be expanded to reflect the result with the envisaged expansion to 7Mt per annum for DSO.



BAUXITE RESOURCES LIMITED

Mining Methodology

- Grade control drilling will be carried out on a 25m x 25m pattern.
- Topsoil containing seed bearing material is removed and stockpiled ready for rehabilitation of the mined out pit.
- Overburden is removed and stockpiled ready for rehabilitation.
- Mining utilises a combination of surface mining machines and track dozers ripping the caprock, thereby eliminating drill and blast operations and significantly reducing fixed plant processing.



BAUXITE RESOURCES LIMITED

Mining Methodology

- Mined ore is stockpiled behind mining prior to loading onto roadtrains for delivery to the rail siding.
- When the pit is mined out, mining faces are contoured using dozers leaving gentle undulations. Overburden and topsoil is returned and the whole area is deep ripped before planting out the desired vegetation or crop.
- Mining will be carried out during daylight hours Monday to Friday inclusive, thereby minimising disruption/impact on the local community and providing an attractive shift pattern for workers.



BAUXITE RESOURCES LIMITED

Mining Methodology

BRL will use surface mining machines thereby eliminating drill and blast operations and significantly reducing fixed plant processing.

Not only is the surface miner environmentally friendly, but it creates a flat mining floor that requires minimal road maintenance.



Bauxite Resources Limited

BAUXITE RESOURCES LIMITED

Advantages of Darling Range Bauxite

Darling Range bauxite containing 32% extractible alumina (Al_2O_3) has a typical usage rate of feed and reagents as described in the chart below.

Input	Unit	Rate
Bauxite	Tonne	3.5
NaOH (Caustic Soda)	Kilogram	50
CaO (Lime)	Kilogram	50
Flocculent	Kilogram	0.75
Water	Litre	2,500
Energy	Mega joule	13,000
Acid	Kilogram	0.9



Producing 1 tonne of Alumina

Caustic soda forms approximately 15% of the cost of producing alumina from bauxite. Caustic soda price has risen dramatically, however Darling Range bauxite being gibbsitic in nature with low reactive silica (1% - 3%) requires less caustic soda for refining.



BAUXITE RESOURCES LIMITED

- Lowest quartile alumina refinery cost producers in the world
- Largest bauxite producing region in the world
- 3 of the Darling Range refineries are in the worlds top 5 most cost efficient refineries
- Low impurities associated with ore material
 - very low reactive silica 1-3% (Alcoa currently reporting 1%)
 - gibbsite material
- Existing skilled alumina industry work force
- Low rainfall area – year round accessibility
- Established bauxite mining region with broad level of acceptance from local communities and government bodies
- Established environmental benchmarks set over the past 40 years
- Government support for port and rail utilisation
- Close proximity to overseas markets
- Existing infrastructure



BAUXITE RESOURCES LIMITED

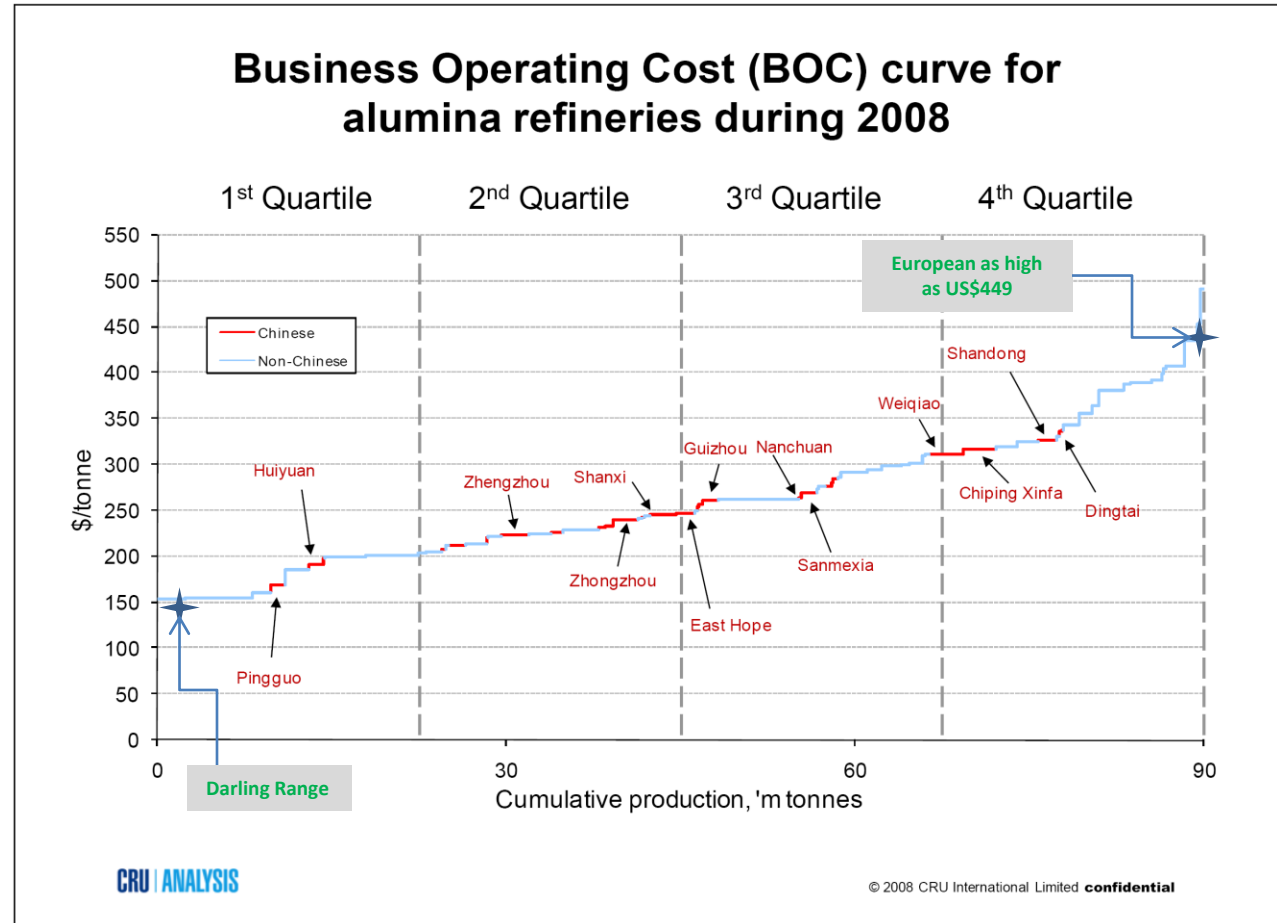
Darling Range Refineries Operating Costs

Pinjarra - US\$132

Wagerup - US\$135

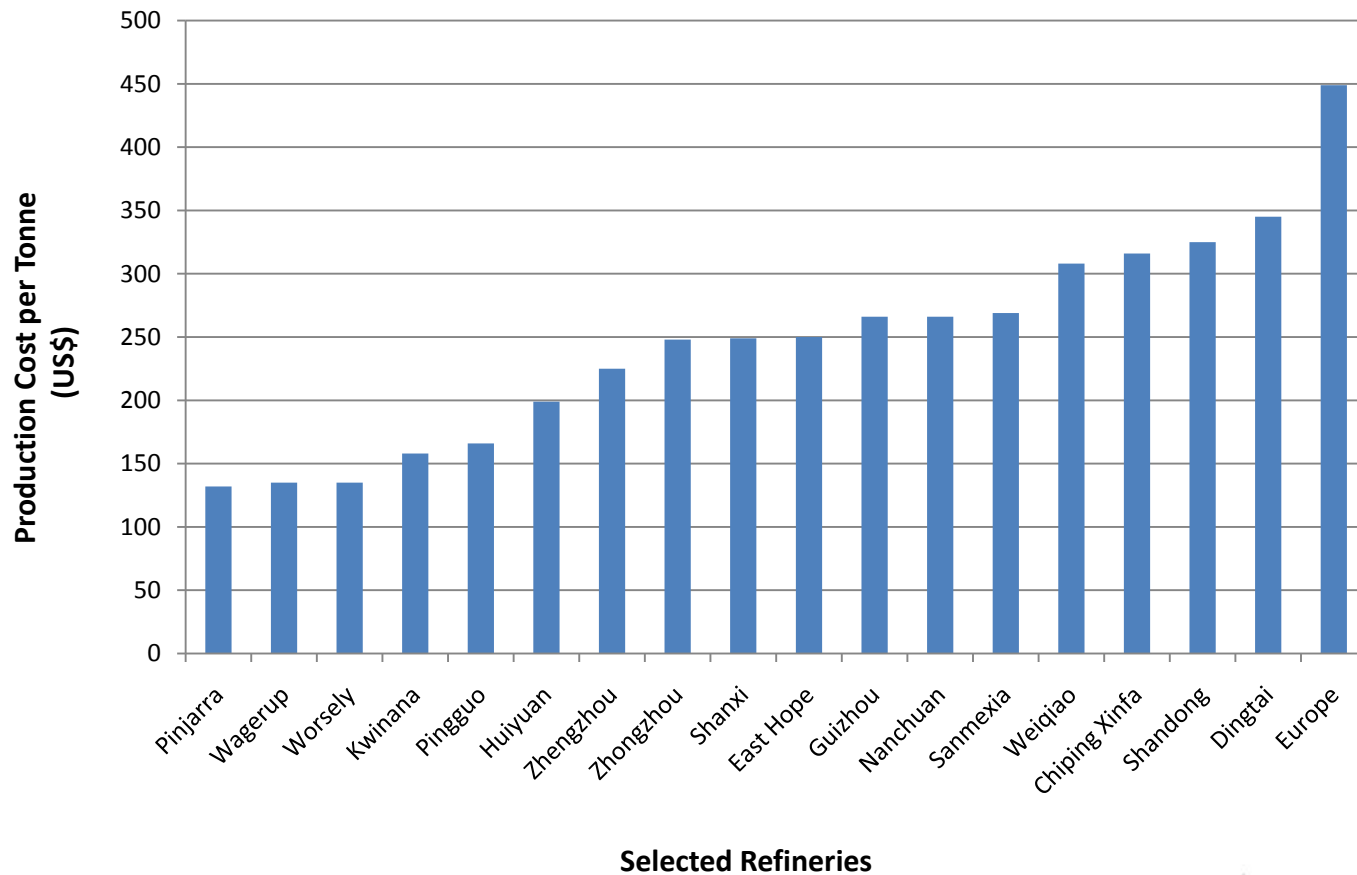
Worsley - US\$135

Kwinana - US\$158



BAUXITE RESOURCES LIMITED

Refinery Production Cost Comparison



BAUXITE RESOURCES LIMITED

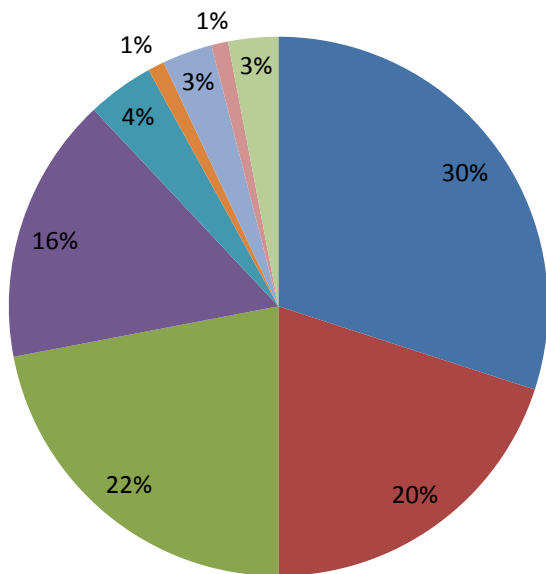
Aluminium Consumption in China

- The early stages of the surge in aluminium consumption in China was driven by infrastructure expenditure.
- Although infrastructure will continue to drive aluminium consumption in China, urbanisation and new consumption habits among the Chinese population will be an important driver of future aluminium consumption.
- Increase of GDP per capita is also associated with an increase in aluminium consumption.
- The new drivers of aluminium consumption in China are more sustainable in the long term than consumption based on infrastructure expenditure.

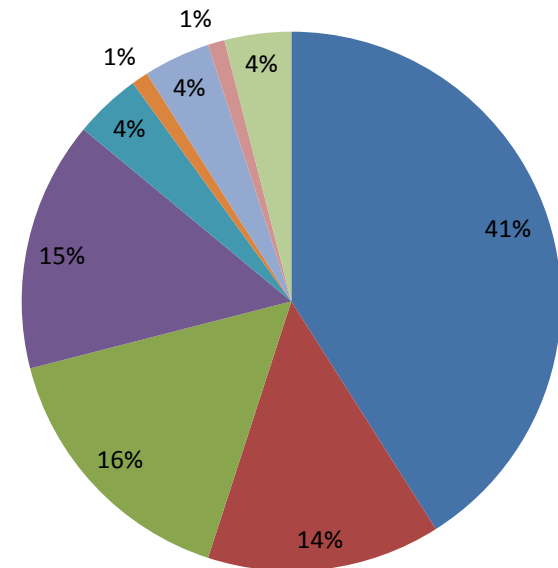


BAUXITE RESOURCES LIMITED

Global Aluminium Consumption 2007



Global Aluminium Consumption 2018



- China
- North America
- Europe
- Asia
- Latin America
- Africa
- Middle East
- Oceania
- CIS

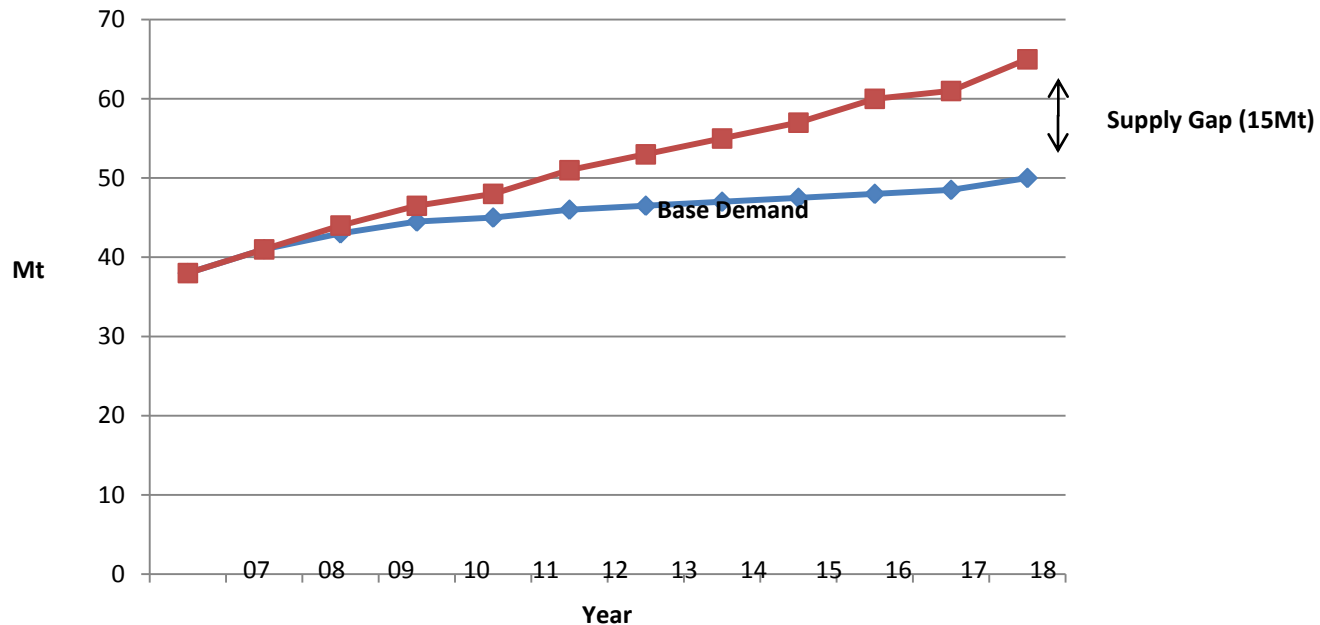
MetalBulletin Research



Bauxite Resources Limited

BAUXITE RESOURCES LIMITED

Smelting Capacity 2007 - 2018



- Predicted growth demand for aluminium has identified a supply gap of 15Mt.
- Bauxite Resources takes a long term view in planning it's Projects and is well placed to contribute significantly to bridging the gap.



BAUXITE RESOURCES LIMITED

Summary

BUSINESS CASE

- ✓ **Direct Shipping Ore (DSO) – Stage 1** - Business case supported by increased bauxite demand
 - China to exhaust its local bauxite reserves in 10 years
 - Bauxite price reported - CIF Qingdao A\$107 per tonne (further price increases forecast)
- ✓ **Energy Supply for Refinery - Stage 2** – Business case supported by large volumes of local low grade coal for Stage 2 Alumina refinery
 - Darling Range, world's largest alumina producing region with 4 refineries providing 18% of global alumina production, substantial upgrades planned

BAUXITE MARKET

- ✓ **Demand outstripping supply**
- ✓ **Foreign Interest in BRL** – Off-take Investment and longer term Joint Venture in refinery business case
- ✓ **Freight** - Shipping costs reported to have reduced to around US\$6.00 per tonne on the China C5 Route

QUALITY BAUXITE

- ✓ **Gibbsitic ore** (true aluminium hydroxide) – liberates easily in refining process
- ✓ **Low reactive silica** – low caustic soda costs
- ✓ **Lower temperatures + lower pressures = lower refining costs**

INFRASTRUCTURE

- ✓ **Ports** – 3 Alternatives, Fremantle, Bunbury and Albany
- ✓ **Rail** – established network adjacent or close to ELs servicing all ports
- ✓ **Service Industries / Labour Force** – ELs close to Perth, supplying services and labour and requirements

BOARD / MANAGEMENT / PERSONNEL

- ✓ **Experienced Board and Bauxite Mining Team**
- ✓ **Experienced Management Team** – considerable Alcoa, bauxite, alumina experience

LAND HOLDINGS

- ✓ **ELs in the Darling Range cover approximately 11,00km²**
- ✓ **BRL now the largest tenement holder in the Darling Range**
- ✓ **Darling Range - largest producing bauxite region in the World**
- ✓ **Substantial volumes of quality historical information, drilling and assaying results**

CORPORATE

- ✓ **Strong Cash Position** - \$7.4million as at 30 September 2008
- ✓ **No debt**



Bauxite Resources Limited

BAUXITE RESOURCES LIMITED

Thank You for your attendance

21 November 2008



Bauxite Resources Limited