

#### ASX ANNOUNCEMENT 28 May 2015

#### Chairman's Address and CEO Presentation – AGM 28 May 2015

Welcome ladies and gentlemen to the sixth Annual General Meeting of Australian Bauxite Limited (ABx).

Our first mine is underway at the Bald Hill Bauxite Project near Campbell Town, northern Tasmania. The project commenced on 9 December 2014 and the mine was constructed in 5 hectic weeks during December and January. We began ore excavations on 8 January as soon as environmental and safety systems were established whilst mine access roads and offices were still being completed. We started trial screening to produce bauxite product on 28 January 2015, and optimised the plant in March and April through a range of weather conditions — with a view to establish a robust processing strategy for all situations.

**Capital works** have been completed at more than 40% <u>under budget</u> due mainly to equipment becoming available from the closure of iron-ore & coal projects across Australia and the favourable contracting environment in Tasmania's large mining sector. With approximately \$3 million available cash balance as of today, it is possible for ABx to commence shipments without additional capital raisings, but this will be dependent on the level of working capital required before cashflow from sales are received.

Our product has been undergoing bulk tests at Bell Bay Port for six weeks and it has performed satisfactorily with regards to handling, safety and environmental issues. We have also been seeking registration of our Moisture Management Plan with the Australian Marine Safety Authority to ensure safe shipping during all possible weather conditions so that we can offer all-year round shipping of bauxite to our customers, unaffected by tropical wet season delays – something few, if any, bauxite supplier in the Pacific Basin can guarantee.

Railing has commenced. I am pleased to advise that our rail supply system became operational 10 days ago when TasRail completed the Conara rail siding on schedule. We have commenced railings of bauxite product to Bell Bay Port this week as we build the stockpile for our maiden shipment. As advised in our annual report to shareholders, we plan to commence deliveries to customers in mid 2015 and monthly thereafter. This takes hard work and coordination by operators, contractors and partners. We are pleased to report that this coordination has worked well and we thank mine contractor Stornoway, TasRail and QUBE Ports for their teamwork.

Operational optimisation and streamlining of transport will never stop - getting better every year as we perfect our core skills of delineating, mining, quarrying, screening, blending and transporting of bauxite from Tasmania to global markets. This new entry into the seaborne bauxite market is the beginning of a larger enterprise that will market bauxite from several operations across Tasmania, Queensland and New South Wales.

**Customer negotiations:** we reviewed the eight (8) significant consumers of seaborne bauxite in 2012-13. We commenced discussions with five (5) major potential customers during 2013-14 and provided bulk samples for testwork at their facilities. During 2015, we have been negotiating with 3 of the prequalified customers and are now in discussions with the final two likely customers, both of whom have expressed strong interest. Detailed terms will be resolved in a normal sequence for bulk shipments and we will keep the market advised of progress.

**Exploration.** Our plan to replace ore mined each year by exploration is being achieved. In 2015, exploration has delineated sufficient new bauxite resources at Rubble Flat and Nile Road prospects to replenish the ore inventory planned to be mined in the next 18 months. Rubble Flat is an ideal mine site because it occurs within a hardwood plantation in a recently harvested area that has well-established heavy duty haul roads, all within 80kms of Bell Bay Port along an underutilised designated B-Double trucking route.

The Rubble Flat deposit is part of the DL-130 Production Centre west of Launceston, Tasmania, which is heavily mineralised with bauxite. During resource assessment, it became apparent that Rubble Flat bauxite has potential to expand further eastwards once the hardwood plantation is harvested in that extension area.

ABx has also announced today some highly encouraging exploration results from the Portside Production Centre which is very close to the Bell Bay Port. We are hopeful that Portside will become the third bauxite production

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centre along with production centres at Campbell Town and the DL-130 area. Exploration of Portside will continue for some time, focussing on areas immediately adjacent to highways and rail lines and free of socioenvironmental issues.

Tasmanian bauxite production can grow significantly and our focus is to establish solid earnings by end 2015.

**Binjour, QLD.** In the second half of 2015 when the dry season is fully established in central Queensland, our exploration team will commence testing our newly discovered extension to the high grade, thick bauxite in the Binjour district, including extensions to the bauxite in the granted Mining Lease at Toondoon. In the mediumterm, the Binjour bauxite province is likely to become ABx's largest project. ABx considers it to be the best undeveloped opportunity for significant production of silica-free, gibbsite trihydrate bauxite in the Pacific Basin.

**SAFETY**: ABx has made the transition from explorer to producer successfully with a zero-incident record and no breaches of industry-standard safety procedures that had been established at the mine from the outset.

**ENVIRONMENT**: ABx has stockpiled large tonnages of soil at Bald Hill Bauxite Project ready for reinstatement over mined-out areas. ABx has also completed the eradication of weed infestations across the mining area as part of its landholder agreement and also in line with our policy of best practice on agricultural land.

**MARKET**: The bauxite market had a stellar year in 2014, exceeding ABx's expectations. Despite the entry of a cheap, low-grade bauxite supply from Malaysia, ABx continues to receive many requests for bauxite supply as the major Chinese customers seek a diversification of suppliers for our type of bauxite.

**COMMUNITY**: We are thankful for the support of our local communities and we are pleased to be approached by several large landholders who have taken our exploration team to assess additional bauxite outcrops on their land. We have also refrained from exploring where requested so as to honour our policy to only operate where we are welcomed. Overall, community acceptance is growing.

We now must deliver for all stakeholders.

On behalf of the Board of Directors, I thank the ABx staff and supportive shareholders for the excellent progress and development achieved in 2014 and we all look forward to an exciting year in 2015, especially with our maiden shipment and subsequent project expansions.

#### **Paul Lennon**

#### Chairman

#### **Forward Looking Statement**

Whilst based on information from sources considered reliable, Australian Bauxite Limited (ABx), its directors, employees and consultants do not represent, warrant or guarantee, expressly or impliedly, that the information in this document and presentation is complete or accurate. To the maximum extent permitted by law, ABx disclaims any responsibility to inform any recipient of this document and presentation of any matter that subsequently comes to its notice, which may affect any of the information contained in this document.

#### **Competent Person Statement**

#### General

The information in this report that relates to Exploration Information and Mineral Resources is based on information compiled by Jacob Rebek and Ian Levy who are members of The Australasian Institute of Mining and Metallurgy and the Australian Institute of Geoscientists. Mr Rebek and Mr Levy are qualified geologists and Mr Levy is a director of Australian Bauxite Limited.

#### Mainland

The information relating to Mineral Resources on the Mainland was prepared and first disclosed under the JORC Code 2004. It has not been updated since to comply with the JORC Code 2012 on the basis that the information has not materially changed since it was last reported.

Mr Rebek and Mr Levy have 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 Rebek and Mr Levy have consented in writing to the inclusion in this report of the Exploration Information in the form and context in which it appears.

#### Tasmania

The information relating to Mineral Resources in Tasmania has been prepared or updated under the JORC Code 2012. Mr Rebek and Mr Levy have 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 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Rebek and Mr Levy have consented in writing to the inclusion in this report of the Exploration Information in the form and context in which it appears.

# AUSTRALIAN BAUXITE LIMITED



# **Production Commenced On Schedule**

Mining Lease received 100% public support
Mining underway, road-rail completed
Haul to Port Underway
Project Fully-Funded

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#### **Forward Looking Statement**

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#### **Competent Person Statement**

Information herein relating to Exploration Results, Mineral Resources and Exploration Targets is based on information compiled by Ian Levy BSc, MSc, who is a Fellow of the Australasian Institute of Mining and Metallurgy and a Fellow of the Australian Institute of Geoscientists. Mr Levy is employed by ABx as Chief Executive Officer. Mr Levy has more than five years experience relevant to the style of mineralisation and type of deposit being reported and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2004 Edition of the JORC Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. This report is issued with the prior written consent of the Competent Person as to the form and context in which it appears.

The information in this report relating to Mineral Resources was prepared and first disclosed under the JORC Code 2004. It has not been updated since to comply with the JORC Code 2012 on the basis that the information has not materially changed since it was last reported.

#### **Direct Shipping Ore**

In this presentation all references to direct shipping ore (DSO) refers to the company's exploration objective of defining DSO grade mineralisation. The potential quantity and grade of exploration targets is conceptual in nature, there has been insufficient exploration to define a Mineral Resource and it is uncertain if further exploration will result in the determination of a Mineral Resource.

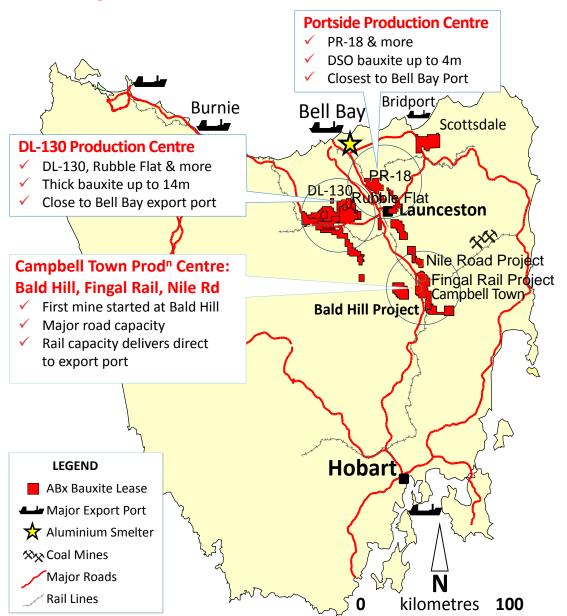


# **ABx Investment Highlights**

- ✓ 1<sup>st</sup> Mine at Bald Hill, Tasmania. 100% public & govt support
- ✓ All capital completed except for \$500,000 road upgrade
- ✓ Experienced contractors Mine, Rail & Port operators
- ✓ Project started 9<sup>th</sup> Dec'14. Cash flow within 8 months
- ✓ Quality bauxite projects, close to infrastructure, with no socio-economic impediments. DL-130 & Portside Centres
- ✓ Track record of quality bauxite discoveries. Technology
- ✓ All is gibbsite trihydrate low silica bauxite: Most in demand
- ✓ Exploration and development potential in:
  - > Tasmania (first mines): 9 million tonnes and increasing
  - Queensland (largest projects): 30 million tonnes and increasing
  - New South Wales 5th (thickest bauxite): 40 million tonnes



# **Projects Location & Infrastructure in Tasmania**











# Mining & Screening Full Scale at Bald Hill







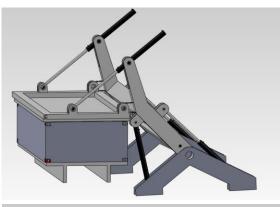


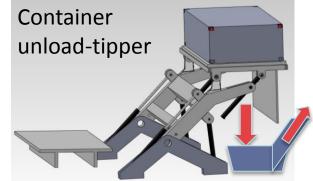
#### TASMANIAN LOGISTICS INFRASTRUCTURE: LARGE SPARE CAPACITY











# **Production process: factors & trends**

# 4 to 6 tonnes bauxite 2 tonnes alumina 1 tonne aluminium ALUMINIA REFINING SMELTING ALUMINIA ALUMIN

2 bauxite types: hi & low temp

Quality declining

Tonnages rising

Costs increasing

Indonesian bans

Indian bans

Prices increasing

Hi & low temperature refineries

Caustic soda main reagent cost

Bauxite type, quality & cost

Lime, flocculant & heat for calcining

Red mud settling & disposal

China "over-investment"

Alumina prices low for too long?

**Electricity costs** 

Alumina costs

Alumina softness

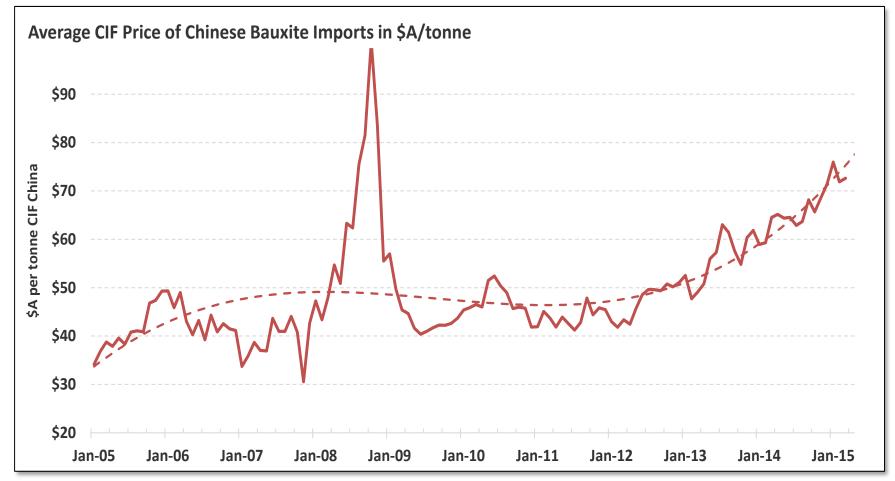
Operating amperage

China "over-investment"

**NEW TECHNOLOGY** 



# Bauxite Prices Rising Strongly in A\$ US\$ prices stable & Fx rate weak - with more upside to come



Source: C&M, China Customs, Bloomberg & RBA fx rates

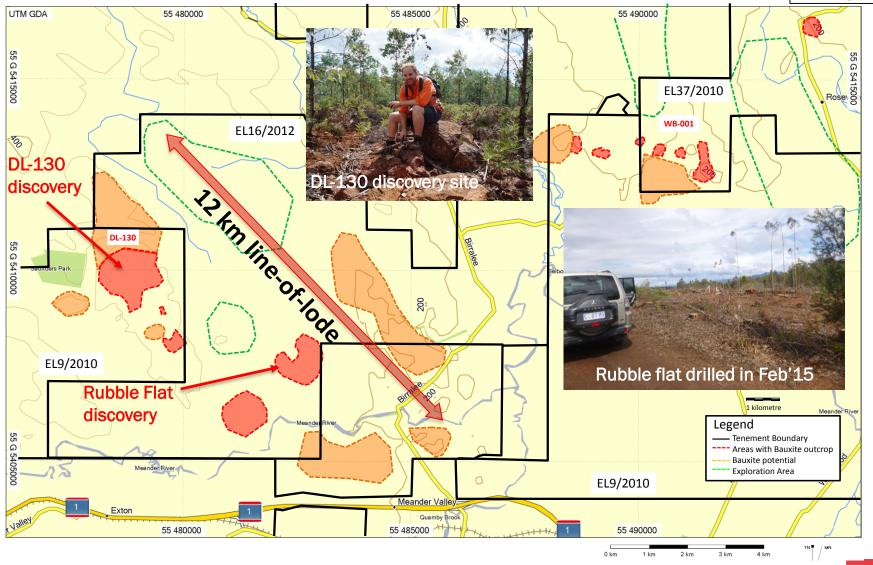
**ABX's OPPORTUNITY IS NOW** 



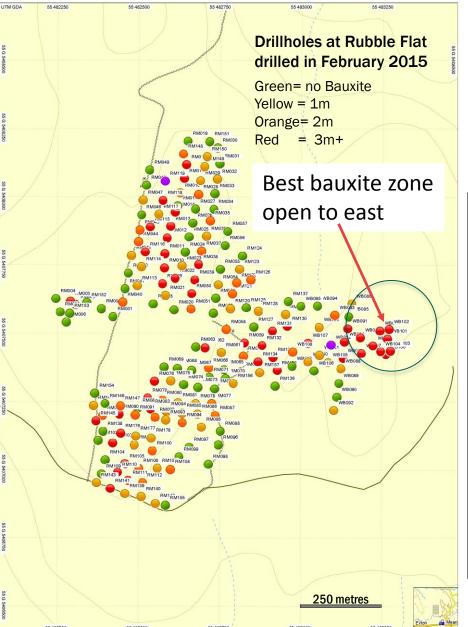
## **DL-130 Production Centre**

Thickest high-grade bauxite in Tasmania, up to 14 metres thick





# **DL-130: Rubble Flat Drilled**





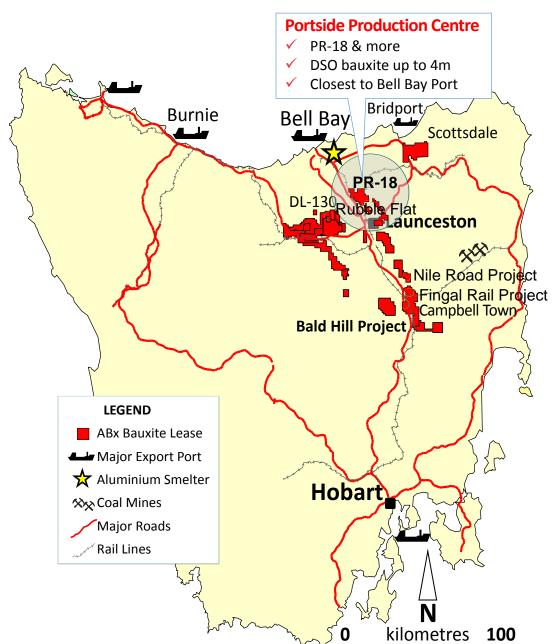
# Solid early results. Good continuity. Improving to east

Hole	From	То	Al203	SiO2	Fe2O3	TiO2	LOI	Al2O3Avl	Rx SiO2	Lab
	m	m	%	%	%	%	%	%	%	Yield %
RM009	3	4	33.23	2.03	40.60	2.73	20.68	28.10	1.10	69.4%
RM009	4	5	38.97	3.22	30.90	2.53	23.72	33.60	2.20	73.0%
RM009	5	6	43.38	3.01	25.20	1.61	26.13	38.80	1.70	71.5%
RM009	6	7	45.57	5.23	20.10	1.44	27.03	40.20	2.60	69.2%
RM009	7	8	41.16	10.55	22.00	1.90	23.69	31.30	7.50	51.1%
RM011	1	2	34.05	2.75	41.40	1.32	19.86	29.70	1.60	86.4%
RM011	2	3	40.68	5.15	29.20	1.44	22.97	35.40	3.60	21.3%
RM013	1	2	36.13	2.05	38.30	2.07	20.79	30.20	0.80	78.1%
RM013	2	3	38.69	5.58	31.70	2.09	21.37	30.30	3.00	57.3%
RM013	3	4	31.96	7.43	39.20	1.98	18.85	24.40	4.40	56.3%
RM014	0	1	35.53	2.48	41.40	1.90	18.12	26.90	0.80	77.5%
RM014	1	2	41.38	2.25	29.50	1.96	24.28	35.70	1.20	72.1%
RM014	2	3	35.91	2.87	36.80	2.23	21.51	30.50	1.20	68.3%
RM016	0	1	41.68	10.40	23.00	1.04	23.40	32.00	7.40	42.4%
RM016	1	2	43.13	6.18	23.60	1.22	25.24	36.60	3.10	55.3%
RM016	2	3	42.45	13.15	19.15	0.96	23.66	31.40	9.00	62.5%
RM017	0	1	39.44	7.32	34.90	1.33	16.54	29.70	4.00	47.6%
RM017	1	2	46.69	5.38	19.70	1.14	26.60	41.30	2.90	49.6%
RM017	2	3	47.51	6.51	17.00	1.03	27.40	41.90	3.10	70.9%
RM017	3	4	44.30	7.98	20.20	1.02	25.92	38.20	2.60	56.8%
RM017	4	5	44.23	13.75	15.55	0.95	24.91	34.10	7.90	51.5%

Leach conditions to measure available alumina " $Al_2O_3$  AvI" & reactive silica "Rx SiO<sub>2</sub>" is 1g leached in 10ml of 90gpl NaOH at 143 degrees C for 30 mins. LOI = loss on ignition at 1000 degrees C. Lab yields are from wet screening at 0.26mm



# **Portside Production Centre Discovered Near Port**

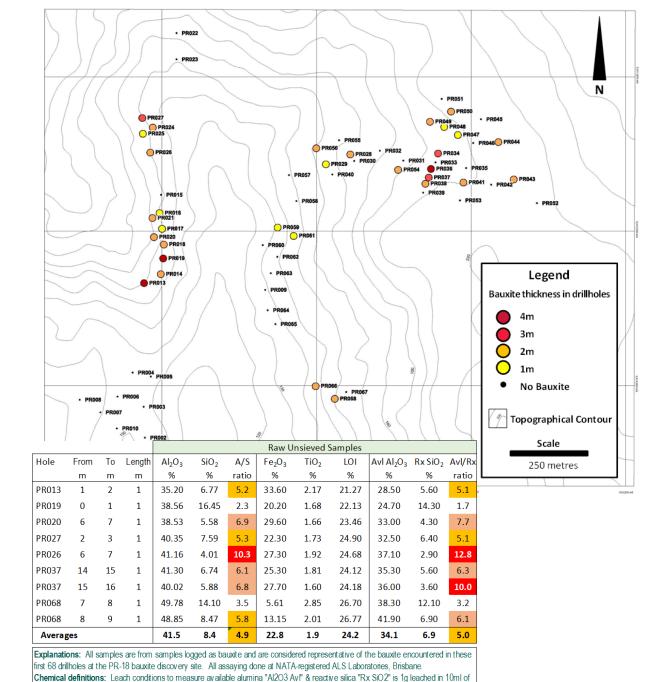












90gpl NaOH at 143°C for 30 minutes. LOI = loss on ignition at 1000°C. "AvVRx" ratio is (Al203 AvI)/(Rx SiO2) and "A/S" ratio is

Al203/SiO2. Values above 6 are good, above 10 are excellent. These samples are all raw, unsieved bauxite.



# Portside Production Centre:

New
Discovery
Nearest Bell
Bay Port



# **Capital & Operating Costs**



Capital Item	Amount
Site mobilisation	\$1.5 m
Net site establishment	\$2.0 m
Road upgrade	\$1.0 m
Contingency (25%)	\$0.5 m
Initial capital (95% complete)	\$5.0 m
Working capital	\$1.0 m
Later Expansion Shiploader has been hired	[ <del>\$7.5 m</del> ]





Cost Excl. Contingency	A\$/t FOB
Mining & screening	\$8.00/t
Administration & landholder dealings	\$1.60/t \$0.80/t
State royalty	\$0.50/t
Road-Rail haul	\$12.80/t
Port costs	\$7.00–\$8.00/t
Total FOB	A\$31-A\$33/t
Shipping	US\$12-US\$16/t



A\$10-A\$20/t margin based on current bauxite prices

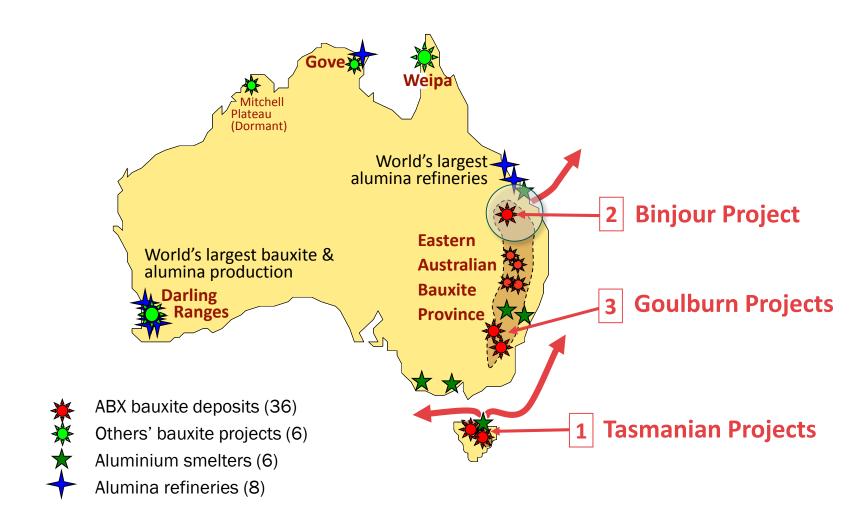
**CBIX Index = US\$62.50/t** 

Indian Bx = US\$60/t CIF China



TasRail to Bell Bay Port

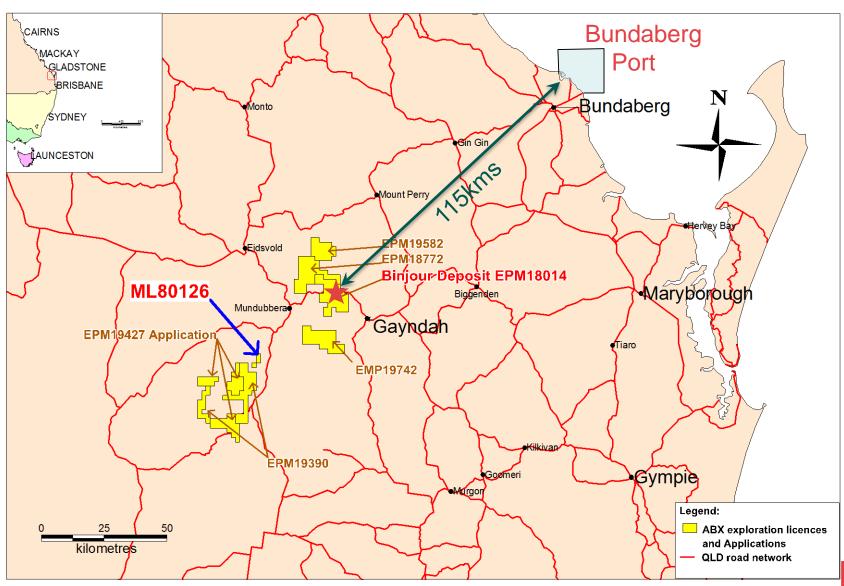
# ABx's Bauxite Projects: Binjour, Central QLD





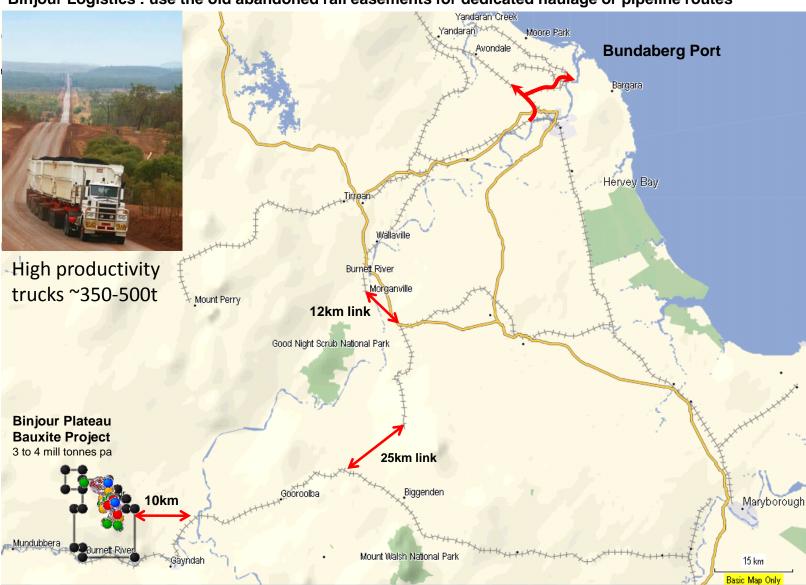
# Binjour Project, Queensland: Drill 2<sup>nd</sup> Half 2015

Thick, large, highest grade new trihydrate gibbsite bauxite project in Pacific Basin



# Binjour Bauxite Project, Queensland

Binjour Logistics: use the old abandoned rail easements for dedicated haulage or pipeline routes





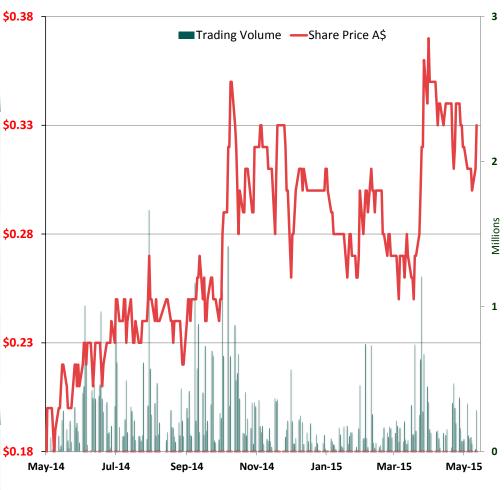
# **Corporate Overview**

ASX code	ABX
Listed	24 Dec 2009 @ \$0.20
Issued shares	140.5 million
Options	3.7 million
52 week range	\$0.17 - \$0.375
Average daily volume	233,000
Market cap (@ \$0.33)	\$46 million
Cash (31 Mar 2015)	\$3.6 million
Shareholders	2,715

#### **Board of Directors & Management**

Paul Lennon <sup>1</sup>	Chairman
lan Levy	Managing Director & CEO
Ken Boundy <sup>2</sup>	Non-Executive Director
Henry Kinstlinger	Company Secretary
Leon Hawker	Chief Operating Officer
Rob Williams	General Manager
Jacob Rebek <sup>3</sup>	Chief Geologist

<sup>&</sup>lt;sup>1</sup> ex-Premier of Tasmania and investor in China



Major Shareholders	Shares	%	
Gleneagles Securities	12.0 m	8.9	
RNB Resources	11.5 m	8.2	
State One Capital	7.8 m	5.6	
Soul Pattinson	6.8 m	4.8	
Top 20 shareholders	61.8 m	44.0	



<sup>&</sup>lt;sup>2</sup> Investor in Tasmania tourism industry. Holds senior public positions

<sup>&</sup>lt;sup>3</sup> ex-CRA-Rio Tinto Chief Geologist. Led discovery team for Century (1993) and Eastern Australian Bauxite (2006-09)

### **ABx JORC Mineral Resources**

Region	Resource	Million	Thickness	$Al_2O_3$	SiO <sub>2</sub>	A/S	Fe <sub>2</sub> O <sub>3</sub>	TiO <sub>2</sub>	LOI	Al <sub>2</sub> O <sub>3</sub> AvI	Rx SiO <sub>2</sub>	AvI/Rx	% Lab	O'Burden	Int. Waste
	Category	Tonnes	(m)	%	%	ratio	%	%	%	@ 143°C %	%	ratio	Yield	(m)	(m)
CAMPBELL TOWN	Inferred	1.8	3.0	42.6	3.5	12	25.4	3.5	24.6	36.7	3.0	12	50	2.1	0.1
AREA TASMANIA 7	Indicated	1.7	3.2	42.5	3.2	14	26.4	3.0	24.5	36.2	2.8	14	55	1.8	0.1
	Total	3.5	3.1	42.5	3.3	13	25.9	3.3	24.5	36.5	2.9	13	52	2.0	0.1
DL-130 AREA TAS 1	Inferred	5.7	3.8	44.1	4.3	10	22.8	3.1	25.0	37.6	3.2	12	55	1.5	0.1
	Total Tas	9.2	3.5	43.5	3.9	11	24.0	3.2	24.8	37.2	3.1	12	54	1.7	0.1
BINJOUR QLD 2	Inferred	9.0	3.9	43.7	4.5	10	22.4	3.6	24.2	38.0	3.8	10	59	8.2	0.3
DSO	Indicated	15.5	5.3	44.2	3.1	15	23.4	3.7	24.9	39.5	2.6	15	62	9.4	0.3
	Total	24.5	4.8	44.1	3.6	12	23.1	3.7	24.6	39.0	3.0	13	61	8.9	0.3
TOONDOON QLD 3	Inferred	3.5	4.9	40.2	7.2	6	25.3	4.9	21.7	32.8	5.2	6	67	1.5	0.0
TARALGA S. NSW 4	Inferred	9.9	3.1	40.4	5.7	7	24.6	4.1	22.2	35.2	1.9	18	54	0.1	0.2
	Indicated	10.2	3.7	41.3	5.3	8	25.9	4.0	22.9	36.1	1.9	19	55	0.7	0.4
	Total	20.1	5.6	40.8	5.5	7	25.3	4.0	22.6	35.7	1.9	19	55	0.5	0.3
PDM-DS0*	Inferred	7.6	2.5	37.0	6.0	6	38.4	3.5	13.3	22.1*	1.3	17	72	0.2	0.1
	Indicated	10.3	3.1	37.6	3.9	10	40.4	3.7	13.5	22.4*	1.1	20	71	0.7	0.4
	Total	17.8	5.8	37.3	4.8	8	39.6	3.6	13.5	22.3*	1.2	18	72	0.5	0.3
	Total Taralga	37.9	5.7	39.2	5.2	8	32.0	3.8	18.3	35.4	1.6	23	63	0.5	0.3
INVERELL N. NSW 5	Inferred	17.5	4.7	39.8	4.8	8	27.7	4.3	22.2	31.0	4.2	7	61	2.3	
	Indicated	20.5	4.8	40.6	4.7	9	26.9	4.1	22.5	32.0	4.0	8	60	2.4	
	Total	38.0	4.8	40.2	4.7	9	27.3	4.2	22.4	31.6	4.1	8	61	2.4	
GUYRA N. NSW <sup>6</sup>	Inferred	2.3	4.2	41.4	3.6	12	26.2	3.3	24.6	35.0	2.8	13	56	3.4	
	Indicated	3.8	5.9	43.1	2.6	16	27.3	3.9	24.5	37.4	2.0	18	61	4.4	
	Total	6.0	5.3	42.5	3.0	14	26.9	3.7	24.5	36.5	2.3	16	59	4.0	

**GRAND TOTAL ALL AREAS** 119.1

\* PDM is Al<sub>2</sub>O<sub>3</sub> spinel. Al<sub>2</sub>O<sub>3</sub> AvI at 225°C is >35%

Explanations: All resources 100% owned & unencumbered. Resource tonnage estimates are quoted as in-situ, pre mined tonnages. All assaying done at NATA-registered ALS Laboratories, Brisbane. Chemical definitions: Leach conditions to measure available alumina "Al2O3 AvI" & reactive silica "Rx SiO2" is 1g leached in 10ml of 90gpl NaOH at 143°C for 30 minutes. LOI = loss on ignition at 1000°C. "AvI/Rx" ratio is (Al2O3 AvI)/(Rx SiO2) and "A/S" ratio is Al2O3/SiO2. Values above 6 are good, above 10 are excellent. Tonnage is for bauxite in-situ. Lab Yield is for drill dust samples screened by ALS lab at 0.26mm. Production yields are not directly related and are typically between 60% and 75%. Tonnages requiring no upgrade will have 100% yield. Resource estimates exclude large tonnages of potential extensions, overburden & interburden detrital bauxite and underlying transitional bauxite mineralisation. Production will

The information above relates to Mineral Resources previously reported according to the JORC Code (see Competent Person Statement) as follows:

- <sup>1</sup> Maiden Tasmania Mineral Resource, 5.7 million tonnes announced on 08/11/2012
- <sup>2</sup> Binjour Mineral Resource, 24.5 million tonnes announced on 29/06/2012
- <sup>3</sup> QLD Mining Lease 80126 Maiden Resource, 3.5 million tonnes announced on 03/12/2012
- <sup>4</sup> Goulburn Taralga Bauxite Resource Increased by 50% to 37.9 million tonnes announced on 31/05/2012
- <sup>5</sup> Inverell Mineral Resource update, 38.0 million tonnes announced on 08/05/2012
- <sup>6</sup> Guyra Maiden Mineral Resource, 6.0 million tonnes announced on 15/08/2011
- <sup>7</sup> ASX ABX Initial resources for first Tasmanian mine announced on 24/03/2015

