



AUSTRALIAN BAUXITE LIMITED

ASX: ABX

About Australian Bauxite Limited

ASX Code ABX Web: www.australianbauxite.com.au

Australian Bauxite Limited (ABx) has its first bauxite mine in Tasmania and holds the core of the Eastern Australian Bauxite Province. ABx's 22 bauxite tenements in Queensland, New South Wales & Tasmania exceed 1,975 km² and were selected for (1) good quality bauxite; (2) near infrastructure connected to export ports; & (3) free of socio-environmental constraints. All tenements are 100% owned, unencumbered & free of third-party royalties.

ABx's discovery rate is increasing as knowledge, technology & expertise grows.

The Company's bauxite is high quality gibbsite trihydrate (THA) bauxite that can be processed into alumina at low temperature.

ABx has declared large Mineral Resources at Inverell & Guyra in northern NSW, Taralga in southern NSW, Binjour in central QLD & in Tasmania, confirming that ABx has discovered significant bauxite deposits including some of outstandingly high quality.

At Bald Hill near Campbell Town, Tasmania, the Company's first bauxite mine commenced operations in December 2014 – the first new Australian bauxite mine for more than 35 years.

ABx aspires to identify large bauxite resources in the Eastern Australian Bauxite Province, which is a globally significant bauxite province. ABx has created significant bauxite developments in 3 states - Queensland, New South Wales and Tasmania. Its bauxite deposits are favourably located for direct shipping of bauxite to both local and export customers.

ABx endorses best practices on agricultural land, strives to leave land and environment better than we find it.

We only operate where welcomed.

Directors & Officers

Paul Lennon	Chairman
Ken Boundy	Director
Ian Levy	CEO & MD
Henry Kinstlinger	Company Secretary
Leon Hawker	Chief Operating Officer
Jacob Rebek	Chief Geologist
Paul Glover	Logistics & Exploration Manager

CEO Presentation at Mining 2017 Resources Convention

In accordance with the requirements of Listing Rule 3.1 we submit the attached material being presented at the Mining 2017 Resources Convention in Brisbane.

Mr Ian Levy, CEO is making the presentation.

The public are welcome to attend the presentation.

Brisbane – Tuesday 29 August 2017

Hilton Hotel

The presentation will commence at 1:35 pm.

For further information please contact:

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AUSTRALIAN BAUXITE LIMITED

Succeeding in emerging bauxite markets

**Mining 2017 Resources Convention
Brisbane 29th August 2017**

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Corporate Overview

ASX code ABX

Listed	24 Dec 2009 @ \$0.20
Issued shares	142 million
Options	0 million
52 week range	\$0.09 - \$0.26
Average daily volume	250,000
Market cap (@ \$0.17)	\$24 million
Cash @ 28 Aug'17	\$1.2 million
Shareholders	2,693

Board of Directors & Management

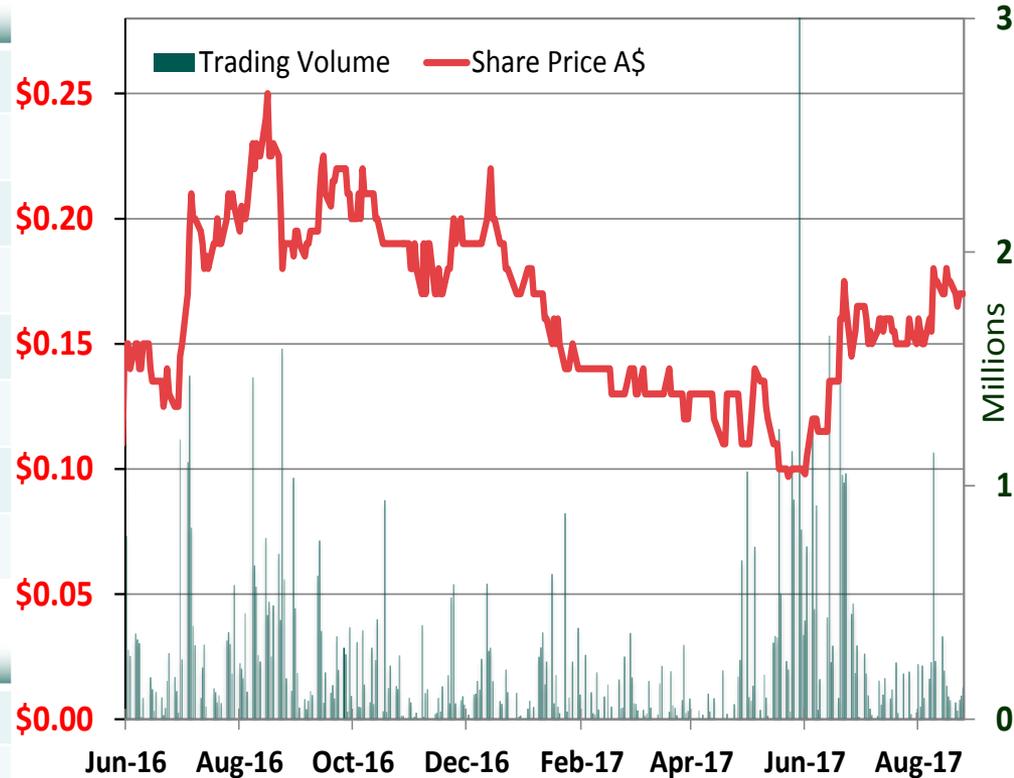
Paul Lennon ¹	Chairman
Ian Levy	Managing Director & CEO
Ken Boundy ²	Non-Executive Director
Henry Kinstlinger	Company Secretary
Leon Hawker	Chief Operating Officer
Paul Glover	Logistics & Exploration
Jacob Rebek ³	Chief Geologist

¹ ex-Premier of Tasmania

² Investor in Tasmania tourism industry. Holds senior public positions

³ ex-CRA-Rio Tinto Chief Geologist. Led discovery team for Century Zinc (1993) and Eastern Australian Bauxite (2006-09)

ASX code ABX



Major Shareholders

Major Shareholders	Shares	%
Soul Pattinson	6.8 m	4.8
State One Capital	5.8 m	4.0
WSF Pty Ltd	5.8 m	4.0
Top 20 shareholders	49.2 m	34.6
Remainder	93.0 m	65.4

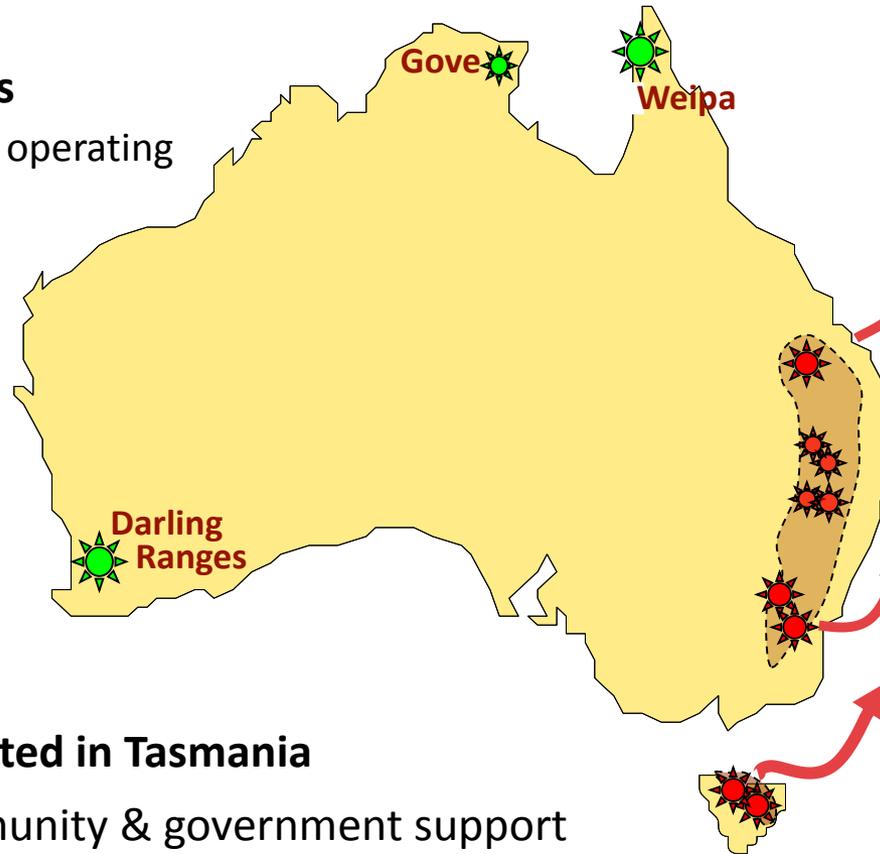
ABx Bauxite Production Started in Tasmania. Next project in QLD, then NSW

☀ = ABx bauxite deposits

Total Resources

124 million tonnes

Targeting \$10 to \$25 operating margins per tonne



Binjour High Grade Bauxite Project
Under assessment.
+28Mt resources drilled-out

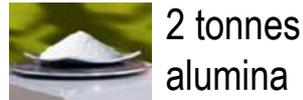
Penrose Quarry Refractory Grade Bauxite Discovery

Tasmanian Producing Mines.
+12Mt resources drilled-out

First mine started in Tasmania

Strong community & government support
Good infrastructure. Ports open all year

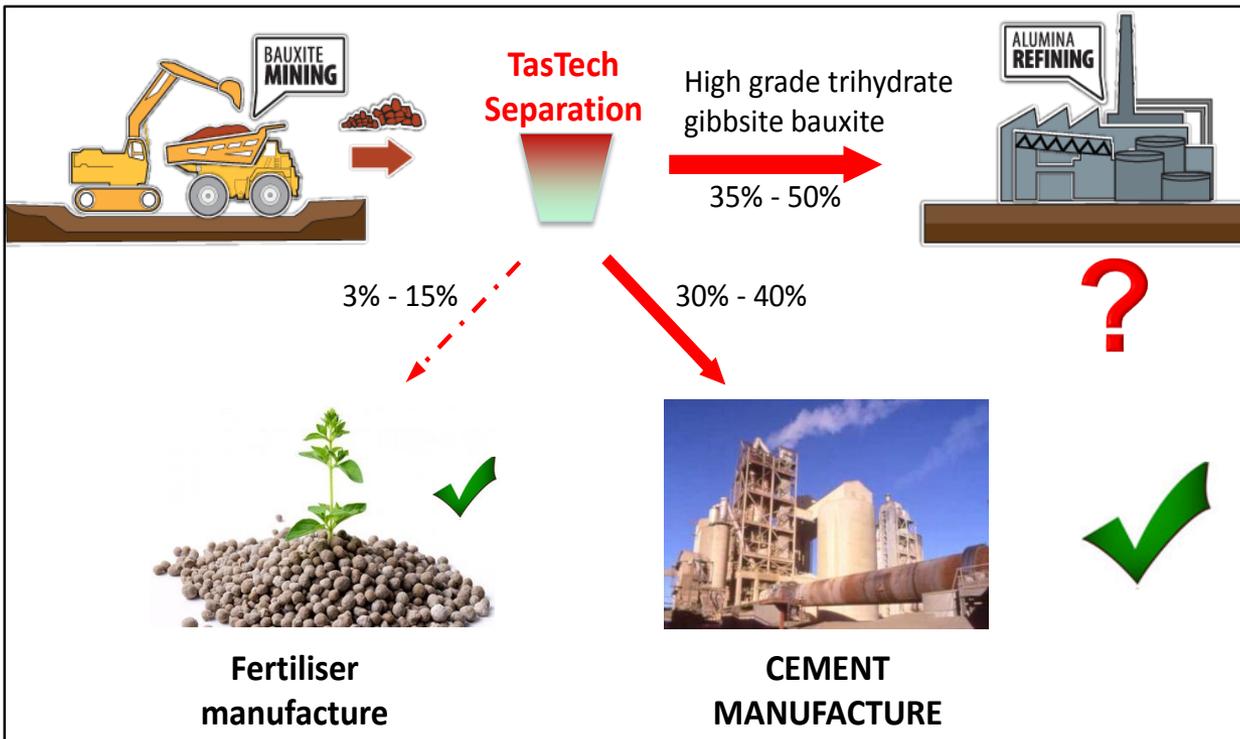
Bauxite's main use is for aluminium: "Metallurgical"



Over-supplied 2015 to 2017. Prices fell 40% in 15 months.

Signs of recovery.

ABx targets technology & market diversity



ABx sells Cement Grade Bauxite at good prices.

ABx will sell Metallurgical Bauxite when prices improve.

TasTech technology allows ABx to supply all 3 markets

Bauxite Markets & Strategy

1. Metallurgical bauxite for aluminium industry

- + 100 million tonnes pa traded globally
- Currently depressed & oversupplied (cyclical) but signs of recovery

2. Cement-grade bauxite demand is fastest growing market (**profitable prices**)

- 25 million tonnes pa of cement-grade bauxite traded, growing fast
- ABx's bauxite helps make corrosion-resistant, late-strength cement
- Salt-free, quartz-free & helps cement kilns operate smoothly
- ***"ABx bauxite is the best favour you can do for yourself & your cement plant"***
(customer)

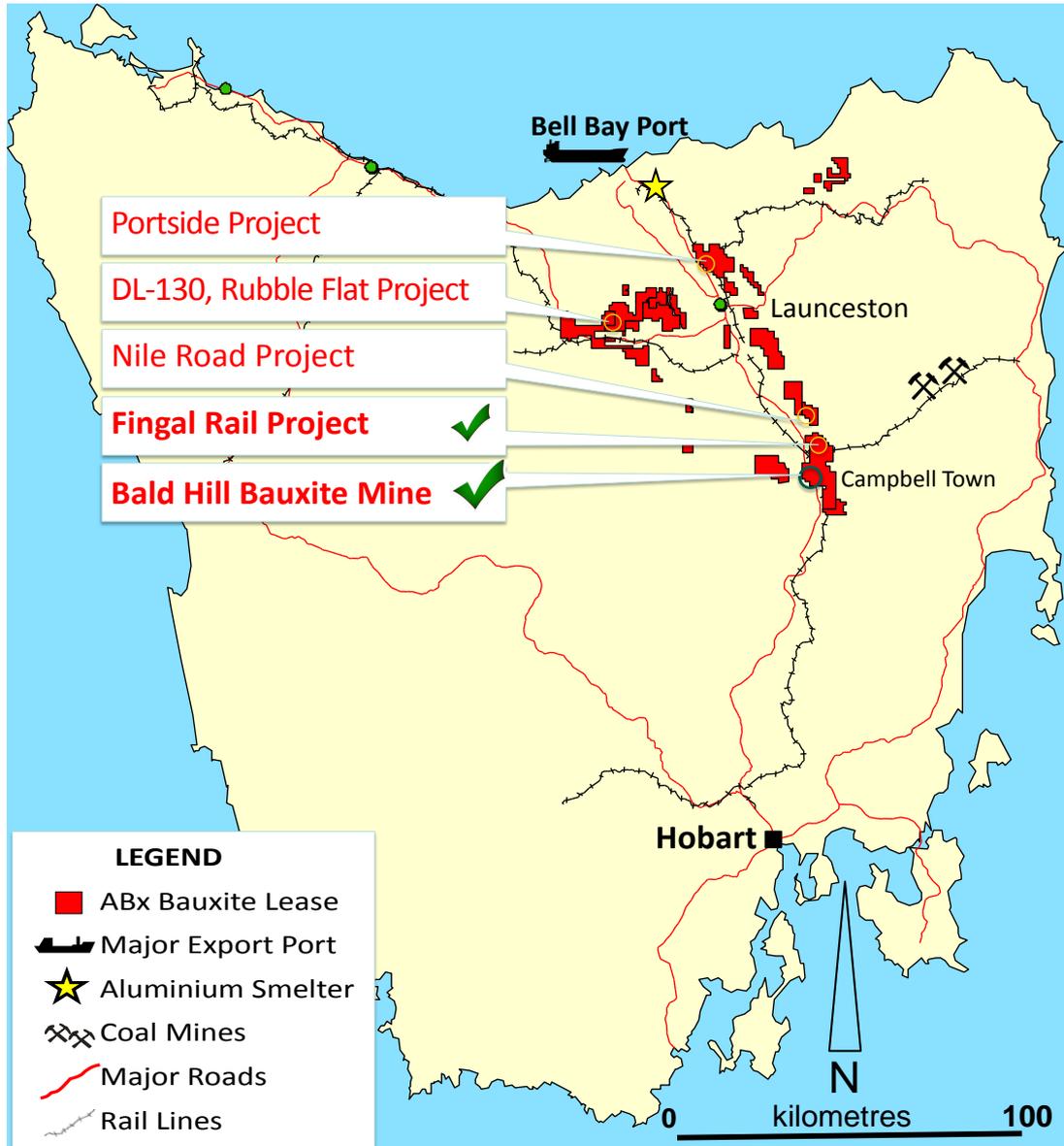
3. Fertiliser-grade bauxite to make superphosphate from rock phosphate

- ABx bauxite used to make granules for superphosphate

4. BAUXITE REFINING TO PRODUCE ALUMINIUM FLUORIDE

- Increases the value of its bauxite tenfold, capitalising on the clean chemistry of ABx bauxite and the hydro-electricity and skills in Tasmania.

Mines & transport in Tasmania ideally located



Simple Quarry & Screen

RETURNS TO GRAZING IN 3 YEARS

Bald Hill Mine Tasmania



121,000t stockpiled. 33,000 tonnes being trucked to port now

Photo: Paul Scambler, The Examiner

Blending to customer's specifications



Bauxite product ready for trucking today.



On schedule for shipping late September as contracted



Truckloading at Bald Hill Mine



Trucking from mine to Bell Bay Port

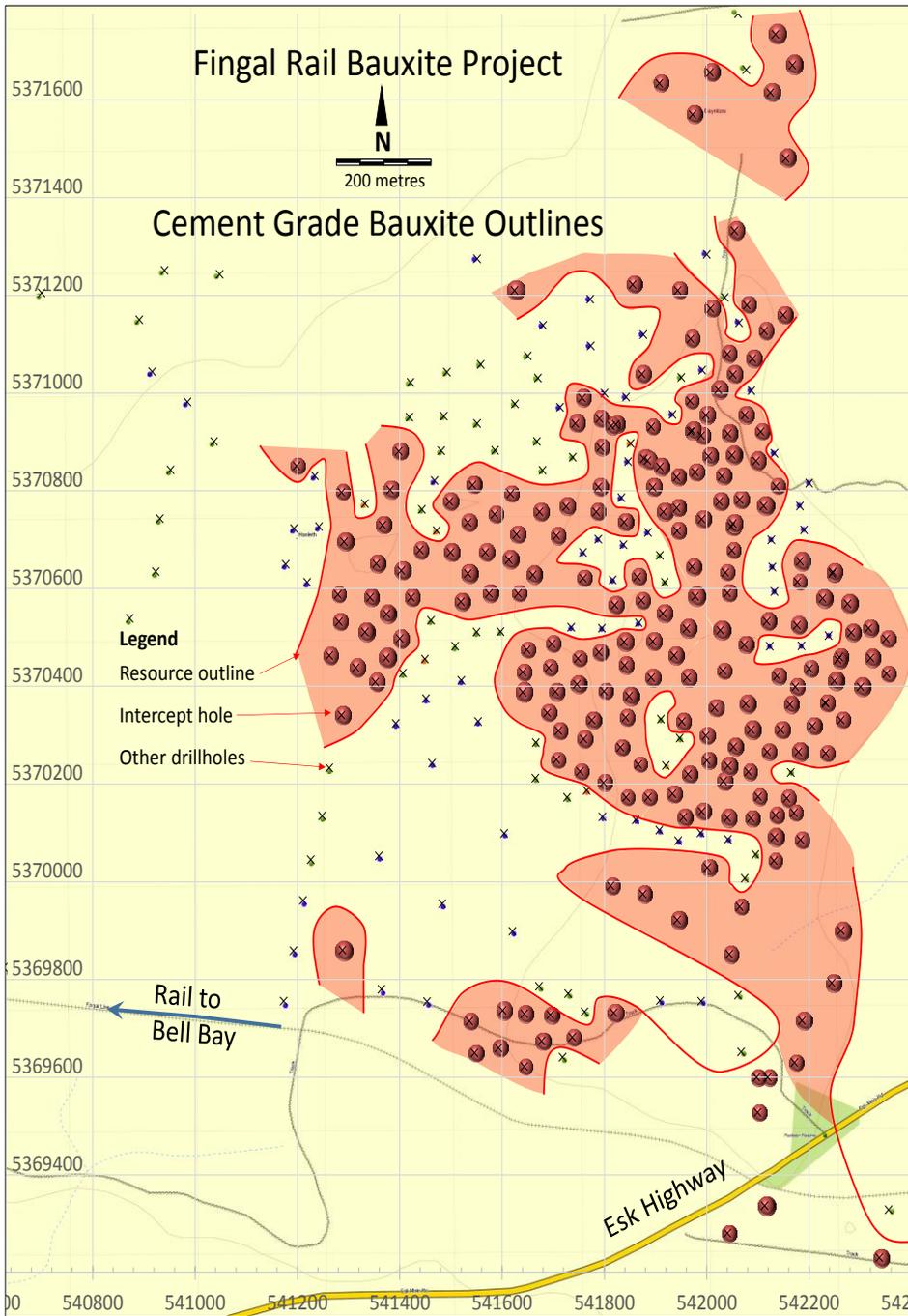


Delivery to Bell Bay Port Stockpile



Stockpile at Bell Bay Port

On schedule for shipping late September as contracted



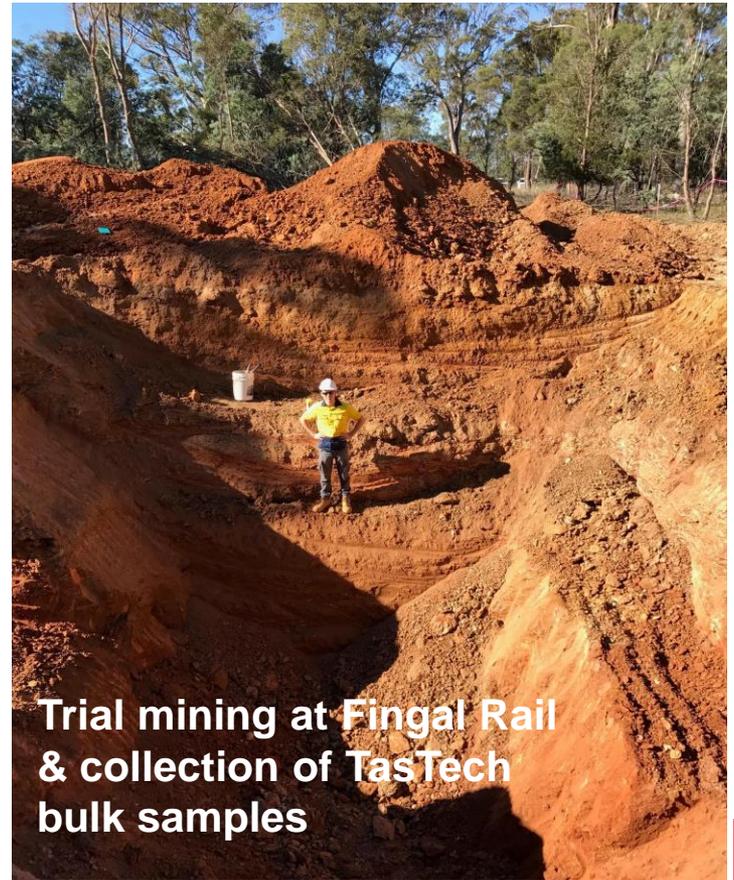
TasTech Tests Completed

Fingal Rail Project (our next mine)

More than 6 million tonnes

TasTech Technology splits ore into:

1. High-grade metallurgical bauxite
2. Cement-grade bauxite





Fingal Rail Bulk Test

our next mine

- **TasTech Test & Bulk mining completed with excellent results**
- **Customer inspections of process and products in progress to design the optimum products for specific customers**
- **Long-term contracts are being discussed**
- **Fingal Rail project large tonnages assures long-term supply**

Tasmanian bauxite also suits bauxite refining

Ore worth US\$50/t FOB upgraded to US\$1,000/t products:

Product	Chemistry	Kgs from 1 tonne bauxite	Value US\$/tonne	Value US\$
Aluminium fluoride	AlF ₃	506	\$1,350	\$683
Pure gibbsite	Al ₂ O ₃ .3H ₂ O	96	\$100	\$10
Silica fume	SiO ₂	75	\$2,700	\$203
Iron Ore	Fe ₂ O ₃	275	\$80	\$22
Titanium oxide	TiO ₂	38	\$2,500	\$95
Total		990		\$1,012

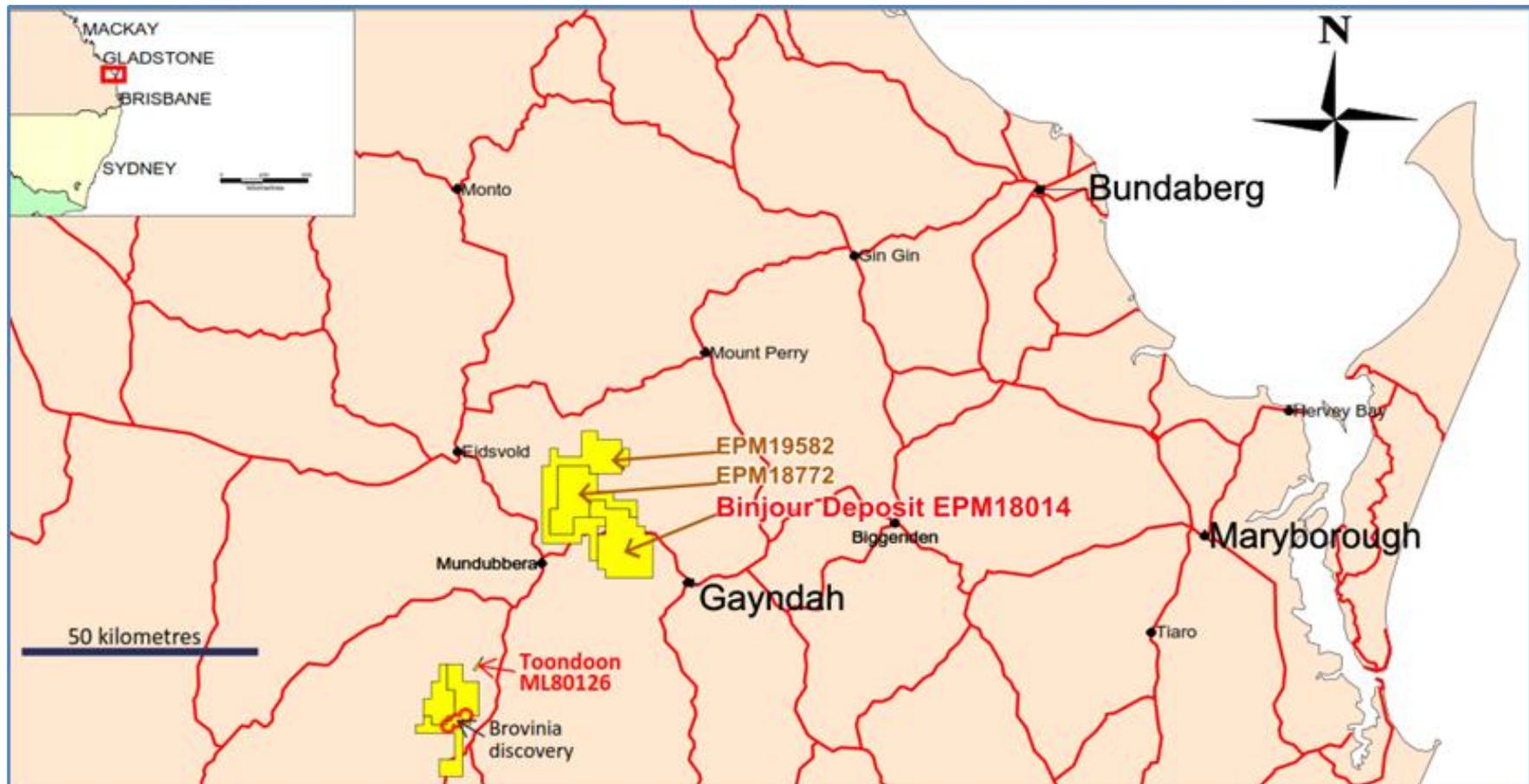
Ore Feed: 84,000 tonnes bauxite per year can produce:

Tonnes	Product	Value (US\$)
50,000	tonnes aluminium fluoride AlF ₃	\$67,500,000
1,110	tonnes gibbsite Al ₂ O ₃ .3H ₂ O	\$111,015
6,300	tonnes silica fume SiO ₂	\$17,010,000
23,100	tonnes iron ore Fe ₂ O ₃	\$1,848,000
3,192	tonnes titanium oxide TiO ₂	\$7,980,000
83,702	tonnes products worth	\$94,449,015

Binjour Project, Queensland: Biggest/Best Deposit

Largest, highest grade new trihydrate gibbsite bauxite project in Pacific Basin
28 million tonnes @ +44% Al₂O₃ defined to date & new discoveries found

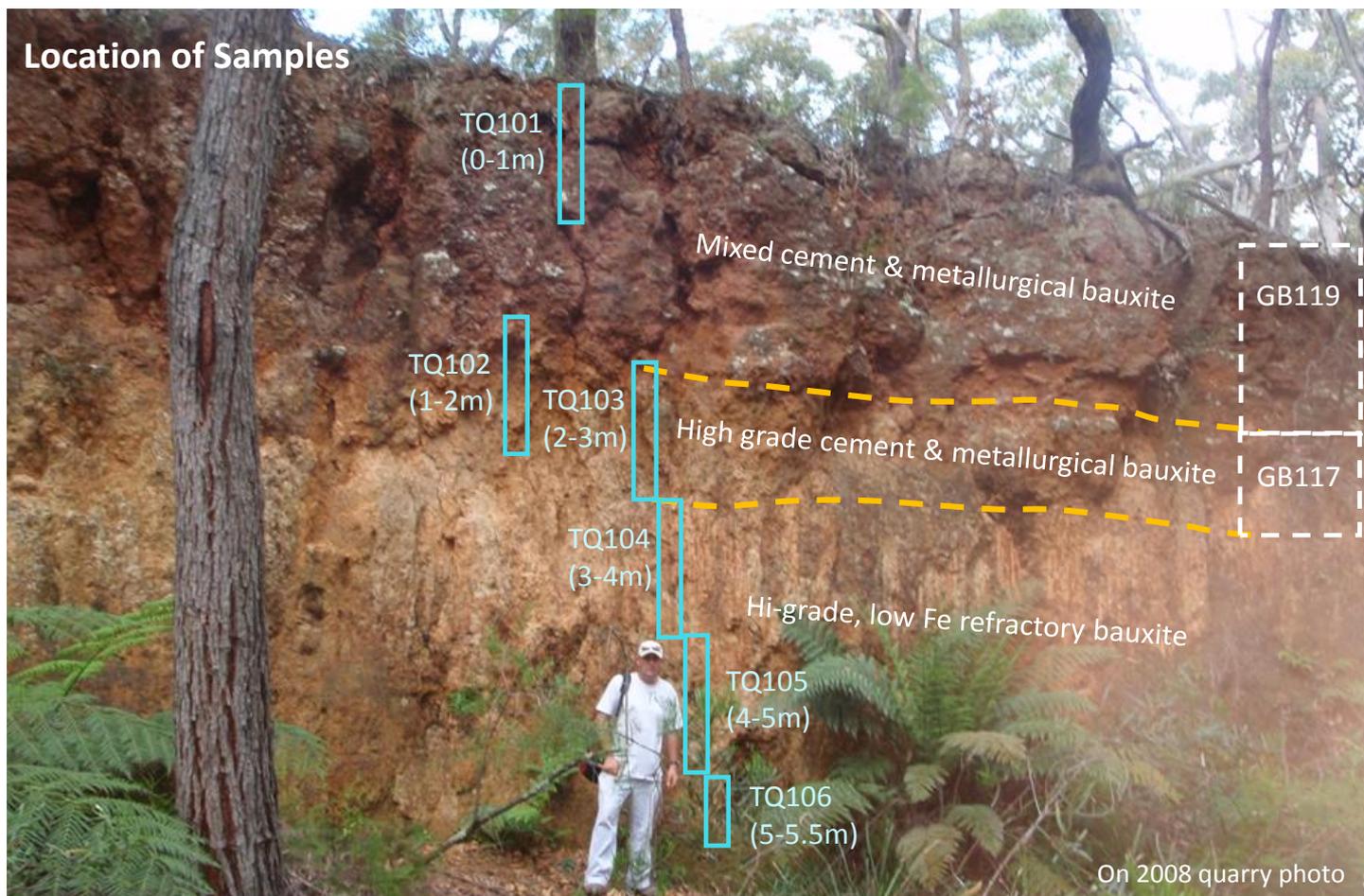
Government negotiations in progress for early start-up



Penrose Quarry Discovery, NSW: Refractory Grade

PENROSE QUARRY BAUXITE LAYERS	Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	LOI	CaO	Na ₂ O	K ₂ O	MgO	P ₂ O ₅	SO ₃	Metres	Density
	%	%	%	%	%	%	%	%	%	%	%	m	t/m ³
Top: Cement-Grade	40.40	4.69	29.45	6.46	18.65	0.01	0.01	0.01	0.04	0.04	0.10	1.80	2.05
Mid: Metallurgical-Grade	50.63	5.46	6.38	9.33	27.85	0.01	0.01	<0.01	0.03	0.04	0.10	1.00	1.85
Bottom: Refractory-Grade	54.61	6.60	3.31	7.56	27.68	0.01	0.01	<0.01	0.02	0.04	0.11	2.50	1.75

Location of Samples



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 and presentation.

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 JORC-Compliant Mineral Resources

Region	Resource Category	Million Tonnes	Thickness (m)	Al ₂ O ₃	SiO ₂	A/S	Fe ₂ O ₃	TiO ₂	LOI	Al ₂ O ₃ Avl	Rx SiO ₂	Avl/Rx	% Lab Yield	O'Burden (m)	Int.Waste (m)
				%	%	ratio	%	%	%	@ 143°C %	%	ratio	%	%	%
CAMPBELL TOWN AREA TASMANIA ⁷	Inferred	1.3	3.0	42.6	3.5	12	25.4	3.5	24.6	36.7	3.0	12	50	2.1	0.1
	Indicated	1.4	3.2	42.5	3.2	14	26.4	3.0	24.5	36.2	2.8	14	55	1.8	0.1
	Total	2.7	3.1	42.5	3.3	13	25.9	3.3	24.5	36.5	2.9	13	52	2.0	0.1
Fingal Rail Cement-Grade Bauxite ⁸	Inferred	2.4	3.3	30.9	19.5	--	35.4	3.9	16.7	--	--	--	--	1.9	0.1
	Indicated	3.9	3.8	31.1	19.0	--	35.2	4.0	16.9	--	--	--	--	1.7	0.1
	Total	6.3	3.6	31.0	19.2	--	35.3	4.0	16.8	--	--	--	--	1.8	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	14.7	3.6	38.2	10.5	n.a.	28.7	3.5	21.4	n.a.	n.a.	n.a.	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-DSO* 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 ⁶	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 124.6 * PDM is Al₂O₃ spinel. Al₂O₃ Avl 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 Avl" & 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. "Avl/Rx" ratio is (Al₂O₃ Avl)/(Rx SiO₂) and "A/S" ratio is Al₂O₃/SiO₂. Values above 6 are good, above 10 are excellent. Tonnage is for drill dust samples screened by bauxite 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 clarify these materials.

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

- ¹ Maiden Tasmania Mineral Resource, 5.7 million tonnes announced on 08/11/2012
- ² Binjour Mineral Resource, 24.5 million tonnes announced on 29/06/2012
- ³ QLD Mining Lease 80126 Maiden Resource, 3.5 million tonnes announced on 03/12/2012
- ⁴ Goulburn Taralga Bauxite Resource Increased by 50% to 37.9 million tonnes announced on 31/05/2012
- ⁵ Inverell Mineral Resource update, 38.0 million tonnes announced on 08/05/2012
- ⁶ Guyra Maiden Mineral Resource, 6.0 million tonnes announced on 15/08/2011
- ⁷ ASX ABX Initial resources for first Tasmanian mine announced on 24/03/2015
- ⁸ ASX ABX Resource Upgrade for Fingal Rail Project Tasmania announced on 25/08/2016

Good Landholder Relations

ABX endorses best practices on agricultural land to leave land and environment better than we find it. We only operate where we are welcomed

