



AUSTRALIAN **BAUXITE** LIMITED  
ASX: ABX

**ASX ANNOUNCEMENT**

**11 April 2019**

## **ABx Bauxite Shipment Produced 3 Weeks Ahead of Schedule**

- **ABx achieved sale tonnage of 30,000 tonnes 3 weeks ahead of schedule**
- **Shipment date brought forward**
- **Additional production for other sales**
- **Rehabilitation well advanced**

Australian Bauxite Limited (**ABx, ASX Code ABX**) had produced 31,600 tonnes as at Monday 9 April and achieved the contracted tonnage target of 30,000 to 33,000 of cement-grade bauxite 3 weeks before the 1 May 2019 contract date. Grades are better than contract, as usual for ABx shipments to date.

**Production continues** at the Bald Hill Bauxite Project, at least until the end of the week when more than 33,000 tonnes will have been produced.



**Figure 1: Production at Bald Hill Bauxite Project**



**Figure 2: Bauxite product from crusher-screen**

**Trucking has delivered** 23,900 tonnes to the port stockpile at Bell Bay and will complete deliveries well before ship arrival.



**Figure 3: Truck loading at dawn**



**Figure 4: Loaded trucks leaving mine site for port**



Figure 5: Truck unloading at Bell Bay Port stockpile



Figure 6: Port stockpile of cement-grade bauxite

**Shipping plans** are now well advanced with a contracted ship targeting an arrival about a week earlier than planned. The ship's master and the customer's shipping department are investigating how to achieve a maximum tonnage shipment of 33,000 tonnes, subject to berth and tide conditions at Bell Bay Port during the late stage of loading.

**Additional product stockpiles** have been achieved, including fertiliser-grade bauxite, cement-grade bauxite and sizeable stockpiles of ALCORE refinery-grade bauxite. A sample of several tonnes of this refinery-grade bauxite will be supplied to the ALCORE Research Centre in Berkeley Vale, Central Coast NSW for refining into Aluminium Fluoride for potential customers to evaluate.

Bald Hill Bauxite Project in Tasmania has the potential to accumulate several year's supply of ALCORE refinery-grade bauxite at marginal cost, should ALCORE Limited require it for a production-plant in Bell Bay, Tasmania.

**Rehabilitation** has been carried out over the past months in accordance with ABx standard practice of reforming the land surface in readiness for pasture seeding in the right seasonal period.



Figure 7: Rehabilitation

Completed section of pit MB1 reformed ready for soil reinstatement and pasture seeding

**Policy:** ABx endorses best practices on agricultural land, strives to leave land and environment better than we find it.  
We only operate where welcomed.

### Seasonal Complementation With Binjour Bauxite Project, QLD

Binjour project will be at maximum production during the Queensland Dry Season from April to November. ABx's bauxite mines in Tasmania achieve optimum production in Summer months from November to May. ABx's marketing partner, Rawmin of India has bauxite mines in north-western India that are restricted by the Monsoon months June to September each year,

This bauxite mining and screening operation at Bald Hill in Tasmania has confirmed that coordinated production and shipments from all 3 sets of mines will achieve a reliable year-round delivery to the customer of bauxite at a consistent specification.

### Bauxite Specifications Planned for Binjour, Tasmania and Indian Mines

Bauxite Parameters	Australia	India
Al <sub>2</sub> O <sub>3</sub>	42 % - 44 %	42 % - 44 %
SiO <sub>2</sub>	4 % - 6 %	6 % - 8 %
R- SiO <sub>2</sub>	3.5 % - 5.5 %	5.5 % - 7.5 %
Fe <sub>2</sub> O <sub>3</sub>	26 % (Max)	25 % (Max)
CaO	0.5 % (Max)	3 % (Max)
TiO <sub>2</sub>	4.5 % (Max)	3.5 % (Max)
MHA (Monohydrate)	2 % (Max)	2 % (Max)
Moisture	10% (Max)	10% (Max)
Size	0 -100mm	0 -100mm

Table 1: Target metallurgical bauxite specifications for sales contracts

All bauxite is gibbsite-rich trihydrate (THA) bauxite with very low content of the monohydrate alumina minerals boehmite and diaspore which require high temperature refining.

These bauxite specifications in Table 1 are ideally suited for low-temperature alumina refineries.



Figure 8  
Screening into cement and fertilizer grade products



Figure 9  
Cement-grade bauxite product

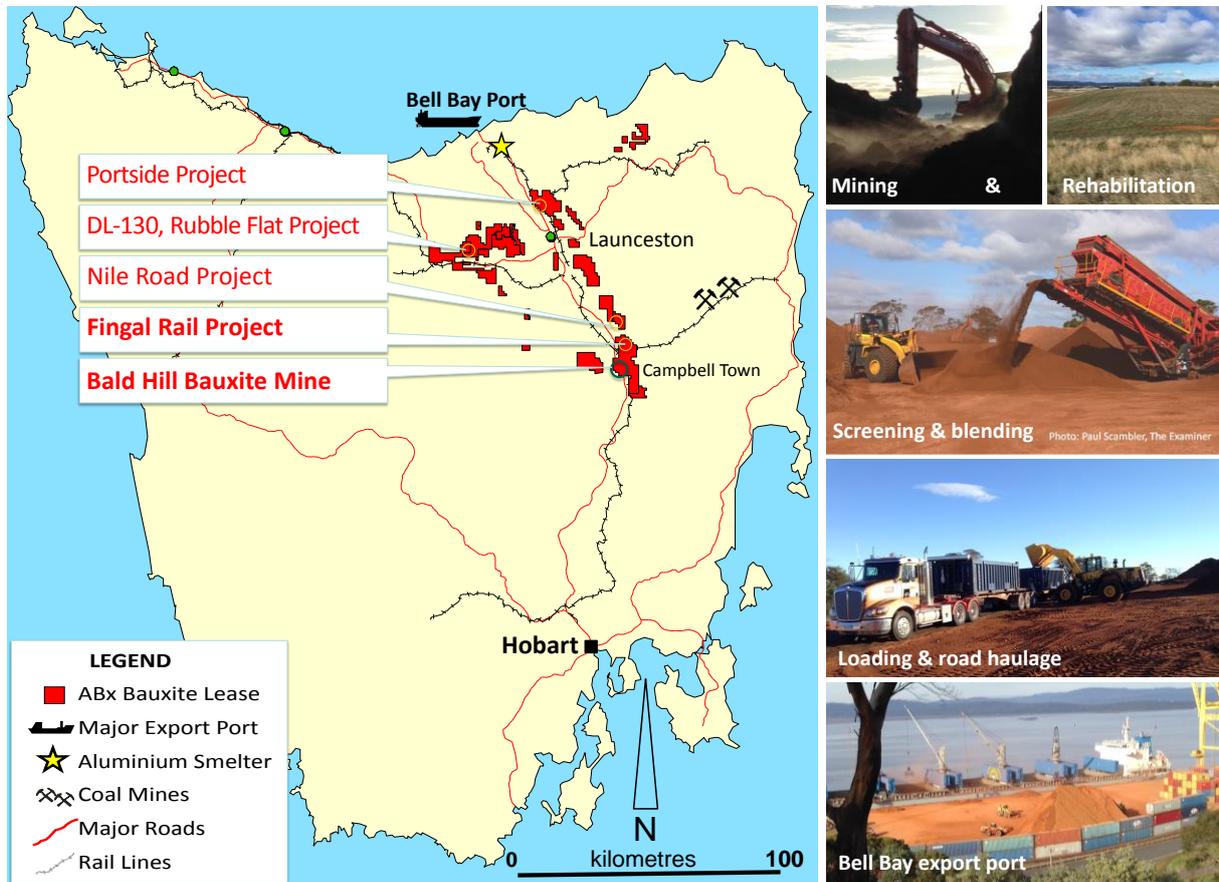


Figure 10: Locations of ABx bauxite mines, projects and transport infrastructure in Tasmania

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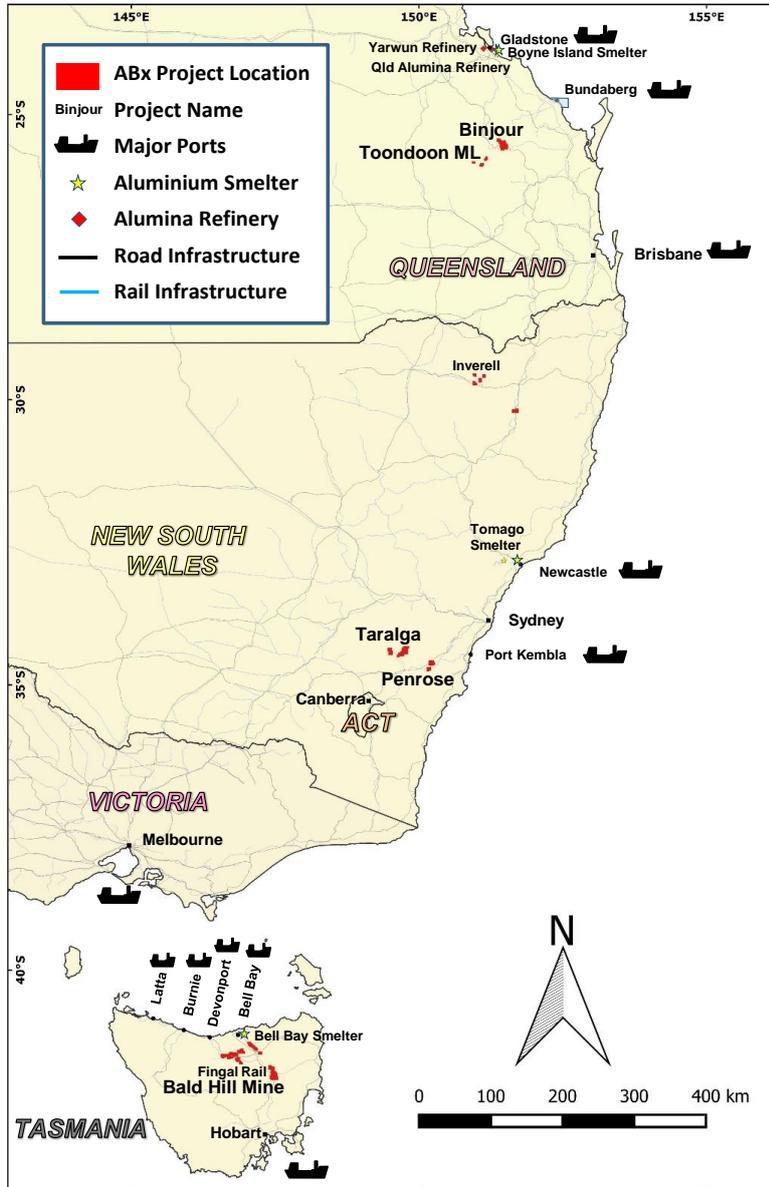


Figure 11

ABx Project Tenements & Major Infrastructure in ABx's major bauxite project areas nearest export ports in Eastern Australia as follows, from north to south:

1. Central Queensland based on the major Binjour Bauxite Project, southwest of Port of Bundaberg
2. Southern NSW Taralga & Penrose pine forest west of Port Kembla
3. Northern Tasmania, south of Bell Bay Port of Launceston

### About Australian Bauxite Limited

ASX Code **ABX** Web: [www.australianbauxite.com.au](http://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 km<sup>2</sup> 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 in northern NSW, 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 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.

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#### Directors

Paul Lennon	Chairman
Ian Levy	CEO & MD
Ken Boundy	Director
Henry Kinstlinger	Company Secretary

#### Officers

Leon Hawker	Chief Operating Officer
Jacob Rebek	Chief Geologist
Paul Glover	Logistics & Exploration Manager