



AUSTRALIAN **BAUXITE** LIMITED

ASX ANNOUNCEMENT

30 January 2019

ASX: ABX

Mining Operations in full Swing at Bald Hill Bauxite Project, Tasmania

Australian Bauxite Limited (ASX: ABX) (ABx) is pleased to advise that it has begun mining and screening operations at its Bald Hill mine near Campbell Town, northern Tasmania so as to prepare the next cargo of seaborne cement-grade bauxite to the customer's specifications.



Figure 1: Operations at ABx's Bald Hill mine commenced on 29th January

ABx has worked with the cement-grade customer over the past 4 months to achieve the optimum product specifications, which is part of the service that ABx provides for customers with specific requirements.

Mine, Transport & Handling Contracts

The contract for mining, processing and blending at the minesite was awarded to Hazell Bros contractors.

ABx has also commenced contract negotiations for transporting the product to the Bell Bay port.

ABx has long-standing relationships with experienced contractors that are well known for meeting the strict tonnage-specification targets and complying with community and landholder requirements.

Port Contracts

ABx has contracted with QUBE Logistics at Bell Bay for the stevedoring services and stockpiling arrangements, in conjunction with TasPorts. Monson Shipping have provided Shipping Agents services and Briar Maritime have provided independent ship surveys to date.

Fertiliser Grade Bauxite Sales Increasing



Figure 2: Loading Fertiliser-Grade bauxite at ABx's Bald Hill certified clean load-out facility commenced on 29th January

Sales of fertiliser grade bauxite continue throughout the year and are growing steadily as the fertiliser product achieves wider market approval.

The customer and ABx worked together on developing this product which ABx believes has potential for other high-value markets.

It produces an activated granule with potential to adsorb chemicals. Samples have been sent to several research centres.

The customer's trucks are collecting the fertiliser product over the next few weeks.

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Locations

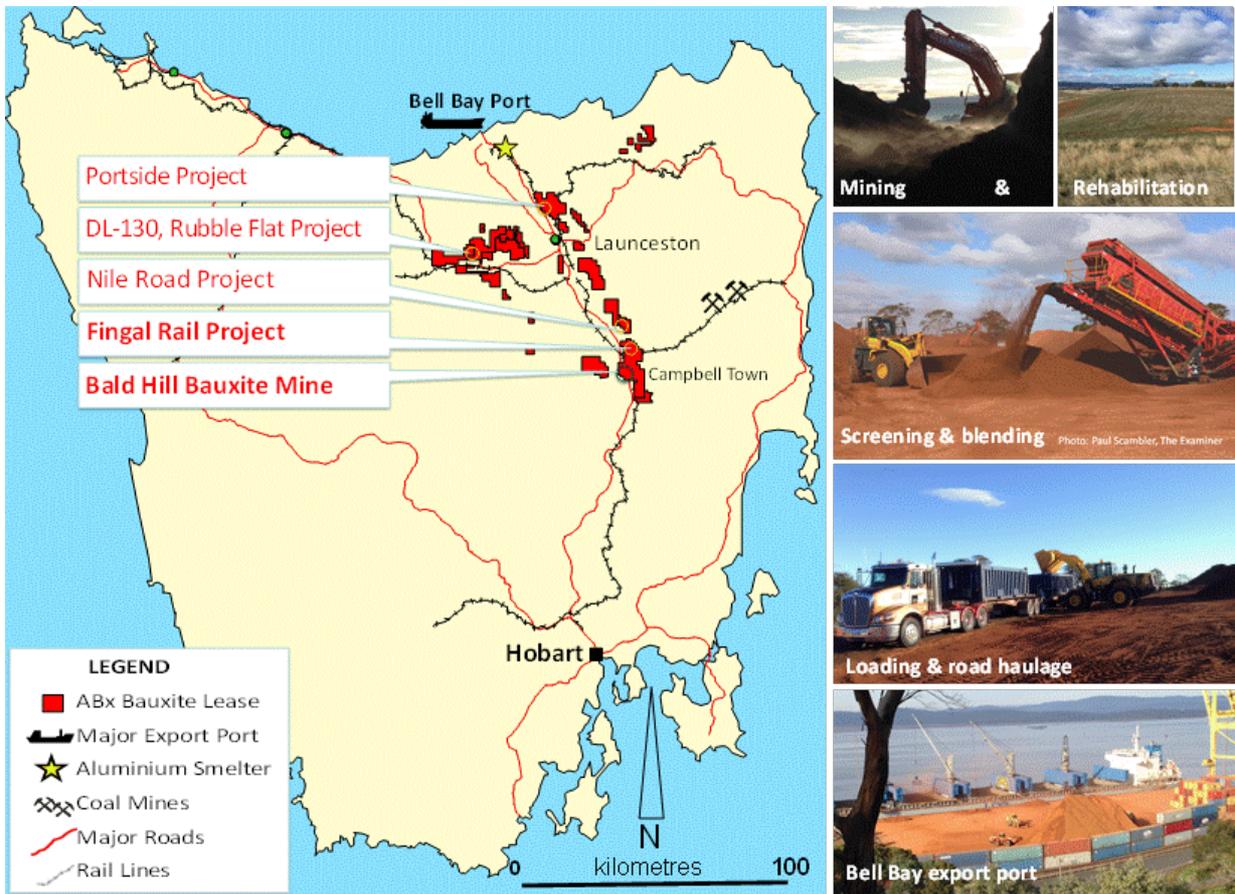


Figure 3: Locations of ABx bauxite mines, projects and transport infrastructure in Tasmania



Figure 4
Screening into cement and fertilizer grade products



Figure 5
Cement-grade blend product

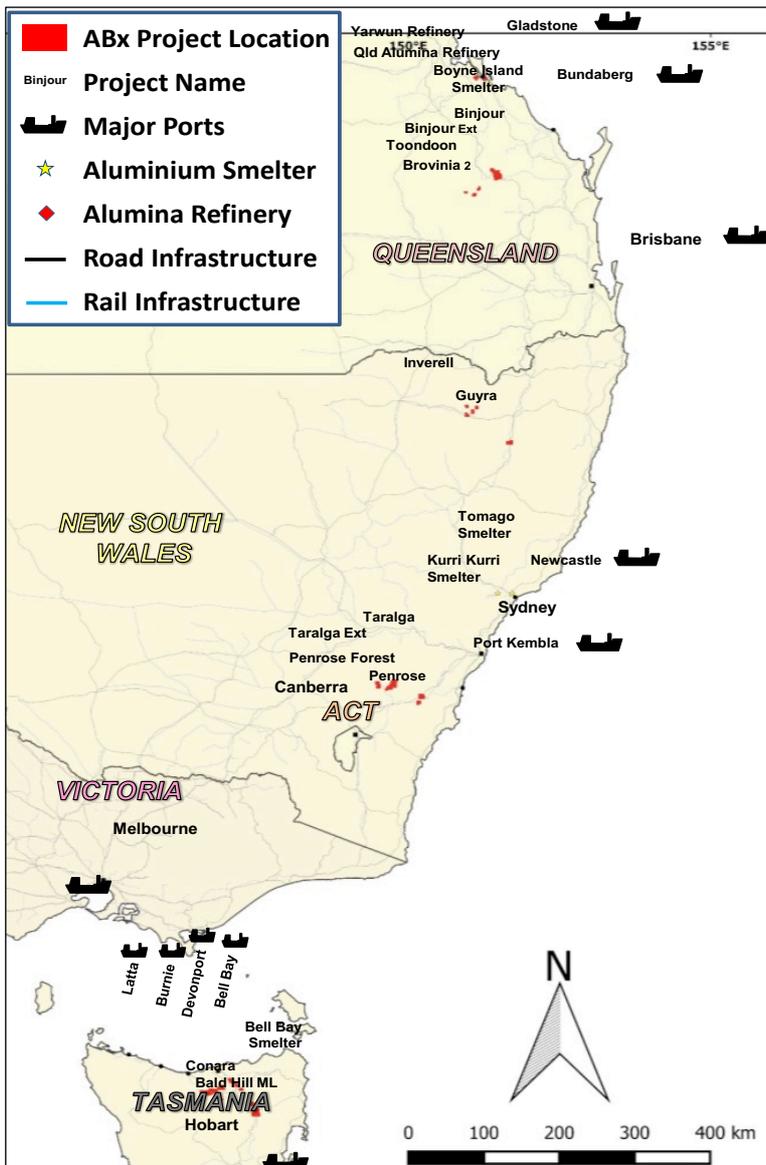


Figure 6

ABx Projects & Infrastructure from south to north:

1. Northern Tasmania
2. Southern NSW, Taralga & Penrose pine forest west of Port Kembla
3. Northern NSW, Inverell and Guyra
4. Central QLD, Binjour Bauxite, SW of Port of Bundaberg which is a port that has no impact on the Great Barrier Reef.



Figure 7: Tree windbreak at Bald Hill bauxite mine, Tasmania, planted in Spring on rehabilitated land



Figure 8: Sheep grazing on rehabilitated land after mining at the Bald Hill bauxite mine, Tasmania

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



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About Australian Bauxite Limited

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

Australian Bauxite Limited (ABx) has its first bauxite mine in Tasmania & holds the core of the Eastern Australian Bauxite Province. ABx's 14 bauxite tenements in Queensland, New South Wales & Tasmania totalled 914 km² & 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 committed a large proportion of its expenditure into Research and Development to find ways to capitalise on the main strengths of its bauxite type, mainly highly clean, free of all deleterious elements and partitioned into layers, nodules, particles and grains of different qualities that can be separated into different product streams using physical, chemical and geophysical methods.

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.

ABx's first mine commenced at Bald Hill near Campbell Town, Tasmania 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.

**About ALCORE Limited:**

Australian Bauxite Limited (ABx) has incorporated ALCORE Limited as a wholly-owned subsidiary to fund and manage the ALCORE Project, to lead to the construction of an ALCORE Production Plant to produce Aluminium Fluoride (AlF₃) and valuable co-products, using patent (pending) new technology. The ALCORE Technology is designed to convert low grade bauxite worth \$50 per tonne into a suite of valuable products worth more than \$800 per tonne. Site construction works for Stage 1 of the ALCORE project commenced on 1 July as planned at ALCORE's pre-approved Research Centre in Berkeley Vale, Central Coast NSW.

Stage 1 is designed to produce AlF₃ test samples for pre-qualified aluminium smelter customers & then produce Corethane, which is pure hydrocarbon powder refined from low-value coals and has been used to provide thermal and electrical power with low CO₂ emissions when used as a gas-substitute to fuel large gas turbine. Corethane has also been used as a diesel substitute for fuel security purposes and is ideally suited for use as a sulphur-free bunker fuel.

Directors of ABx

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	Marketing, Exploration & Relationships
Nathan Towns	Operations Manager