

## Share Placement to fund resource upgrade and expansion, and met testing on Samphire Uranium Project 21 December 2020

### Highlights

Alligator Energy Limited (**Alligator** or the **Company**) is pleased to advise that it has received firm commitments for a placement of \$1.6M of fully paid ordinary shares to sophisticated and professional investors (**Placement**). The Placement, for which 180 Markets is the Lead Manager, is principally aimed at funding the next steps of the Samphire Uranium Project work program as set out in the ASX Announcement of 16 December 2020. The key elements of the capital raising are as follows:

- **A capital raising of \$1.6M through a single tranche Placement of 226.7M fully paid ordinary shares at an issue price of \$0.007, with a 1:2 18 month option attaching option exercisable at \$0.015 each (113.3M unlisted options, the “Attaching Options”);**
- **The Placement will be conducted using the Company’s existing capacity under ASX Listing Rule 7.1 (15% Capacity) and a portion of Listing Rule 7.1A (Additional 10% Capacity);**
- **The Placement was made at a 18.28% discount to the 15 trading day VWAP and a 22.22% discount to the closing price on 16 December 2020;**
- **Alligator has agreed to apply to the ASX for listing of the Attaching Options subject to compliance with the ASX quotation requirements;**
- **Funds of up to \$1.2M will be allocated to accelerate the Samphire ‘next steps’ work program focused on processing testwork, flowsheet optimisation and a resource upgrade/extension drilling work program and the remaining funds will be applied to working capital requirements and Alligator’s continued evaluation of other opportunities**

Alligator’s CEO Greg Hall commented; “*Alligator is very pleased to have secured the funds that will allow a rapid commencement of new and updated work targeting a resource upgrade and expansion, extension target evaluation and updated met testing. We believe this will greatly enhance the value of Samphire at a time of an improving uranium market and increased interest in uranium equities, creating opportunity for a potential timely development of the project when market factors align.*”

The Placement is conditional upon the Australian Securities Exchange Limited (ASX) granting approval for quotation of the Placement Shares in accordance with the Timetable (see separate Appendix 3B issued for this purpose).

180 Markets will be paid a 6% Placement Fee and will be issued 12M Options on the same terms as the Attaching Options.

Alligator Energy Ltd

ABN 79140575604

Suite 2  
123 Bowen Street  
Spring Hill,  
QLD 4000

Ph: (07) 3839 3940

ASX Code: AGE

Number of Shares:  
2,127.3 M Ordinary  
Shares  
28.8 M Unlisted  
Options  
60M Perf Shares

Board of Directors:

Mr Paul Dickson  
(Chairman)

Mr Peter McIntyre  
(Non Exec. Director)

Mr Andrew Vigar  
(Non Exec. Director)

Mr Greg Hall  
(CEO & Exec.  
Director)

## Other important matters:

### (a) Shareholder approval

The Company will not need Shareholder approval as it has sufficient capacity by using the full remaining capacity under ASX Listing Rule 7.1 and a small portion of the ASX Listing Rule 7.1A capacity (recently approved at the 2020 AGM).

### (b) Proposed Placement Timetable

Market announcement, Trading Halt lifted and trading to recommence	Monday, 21 December 2020
Settlement	Wednesday, 23 December 2020
Allotment	Wednesday, 23 December 2020
Expected Quotation Placement Shares on the ASX	Thursday, 24 December 2020
Application to the ASX for quotation of the Attaching and Lead Manager options	Thursday, 24 December 2020

### (c) Terms of the Attaching Options

The terms of the Attaching Options are set out in Appendix A

## Samphire Project

Alligator Energy recently announced the very favourable findings from a desktop study on the Samphire Project which was acquired in October 2020 including:

- Previous testwork and modern advances in resins indicate the project is highly amenable to In-Situ Recovery (ISR) production, with updated ANSTO testwork planned
- An updated and improved flowsheet for uranium extraction / processing was established based on the consistent higher grade portion of the Blackbush resource
- Initial OPEX and CAPEX cost estimates were established that were competitive with similar ISR operations – these will be confirmed and disclosed in the next phase of work
- Due to the Blackbush resource being currently 100% inferred, ASX guidelines do not allow the publication of forward-looking financial figures / statements at this stage
- Extensive review of previous exploration confirmed the high quality of existing work with over 790 historic drill holes totalling over 58,000m, mainly focused on the Blackbush and Plumbush resources
- Interpretation of existing electromagnetic geophysical data has identified a series of prospective palaeochannel continuations from the Blackbush deposit for immediate follow up drilling.

The funds raised will now be used to accelerate activities during the first half of 2021 calendar year with the following anticipated key tasks and outcomes:

- An exploration plan and Program for Environmental Protection (PEPR) will be drafted and submitted to the SA Department for Energy and Mining (DEM)
- Increased community, landowner and indigenous group engagement to ensure an understanding of the work plan proposed, minimise impacts and maximise local benefits

- With updated uranium leach and resin extraction information from proposed testwork, undertake further processing flowsheet optimisation and design at a scoping level
- Through infill drilling, target bringing a significant portion of Blackbush higher grade resource into indicated category
- Drill testing of extensions to known high grade zones
- Drilling of identified paleochannel channel extensions for potential resources tonnage increase
- Update existing Study to a level required for a new resource estimate

The Company thanks 180 Markets for their work with us in this placement and is grateful to the new investors and shareholders who have committed funds to this capital raising. We look forward to enhancing the value of your Company.

**Greg Hall**

**Executive Director & CEO**

Approved for release by the Board of Alligator Energy Ltd

**FOR FURTHER INFORMATION, PLEASE CONTACT**

Mr Greg Hall CEO & Director Alligator Energy Ltd Email: <a href="mailto:gh@alligatorenergy.com.au">gh@alligatorenergy.com.au</a>	Mr Mike Meintjes Company Secretary Alligator Energy Ltd Email: <a href="mailto:mm@alligatorenergy.com.au">mm@alligatorenergy.com.au</a>
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## Competent Person's Statements

Information in this report is based on current and historic Exploration Results compiled by Mr Andrew Peter Moorhouse who is a member of the Australasian Institute of Geoscientists. Mr Moorhouse is the Exploration Manager for Alligator Energy Ltd and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity he is 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 Moorhouse consents to the inclusion in this release of the matters based on his information in the form and context in which it appears.

The ICE technical report on "Samphire Project – Processing Review and Opportunities" undertaken as part of this Desktop Study was undertaken by Mr Jon Weir and Mr James Davidson. Mr James Davidson is a Fellow of the Australasian Institute of Mining and Metallurgy (AusIMM) and is General Manager / Consulting Metallurgist with Inception Consulting Engineers. Mr Davidson has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration in the areas of in-situ recovery, wellfield design and operations, uranium leachate processing and extraction, and uranium production, 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 Davidson consents to the inclusion in this release of the matters based on his Desktop Study in the form and context in which it appears.

## About Alligator Energy

Alligator Energy Ltd (Alligator or the Company) is an Australian, ASX-listed, exploration company focused on uranium and energy related minerals, principally cobalt-nickel.

Alligator's Directors have significant experience in the exploration, development and operations of both uranium and nickel projects (both laterites and sulphides)

### **Uranium**

The Company is primarily exploring for uranium in West Arnhem, utilising modern exploration techniques, combined with the best geological knowledge acquired by Alligator and consultant geologists, in search for uranium deposits of similar mineralisation style and tenure to that of the world class Alligator Rivers Uranium deposits of Jabiluka and Ranger, concealed beneath the covering sandstone. The company's Tin Camp Creek and Beatrice tenements form the exploration focus but the Company also assesses other opportunities as they arise.

The Company is researching and developing novel uranium decay isotope geochemical techniques and has modified and is applying airborne geophysical techniques with the objective of detecting such concealed targets. The previously drilled Caramal and Beatrice deposits represent eroded remnants of once much larger deposits.

The Company also has in excess of 1000km<sup>2</sup> of Exploration Licence applications awaiting grant within the Alligator Rivers Uranium Province.

Alligator also has exploration ground in South Australia (SA) having entered into a Share Purchase Agreement to obtain up to 100% of the BLU project. This project represents an exploration opportunity for ISR shallow sandstone hosted style deposits in the Cooper Basin of SA, similar to those of the Beverley, Four Mile and Honeymoon resources of the Frome basin in SA.

In early October 2020 Alligator acquired the Samphire Project within the shallow Kanaka Beds of the Pirie Basin at Samphire, a location approximately 20 kilometres southwest of Whyalla within the South Australian Gawler Craton. Over several years two uranium deposits were identified, Blackbush and Plumbush, with multiple other uranium targets established

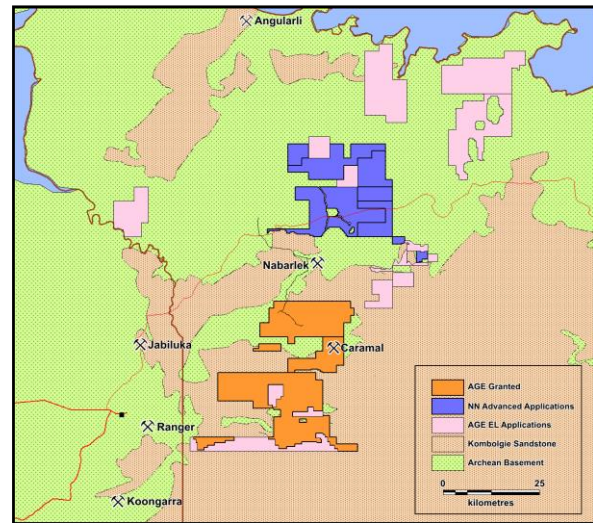
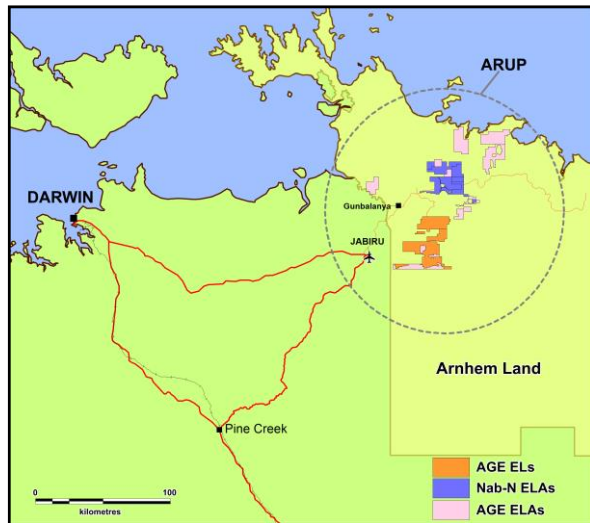
### **Cobalt- Nickel**

Alligator signed a binding Heads of Agreement with Chris Reindler and Partners (CRP) in January 2018 to earn up to 70% interest in the Piedmont sulphide cobalt – nickel project in Northern Italy.

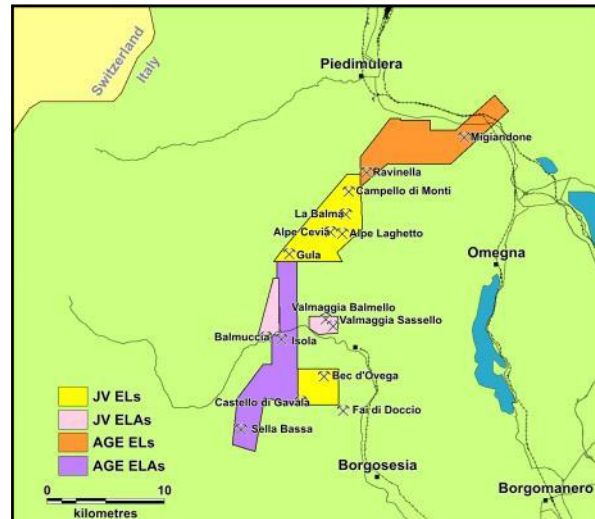
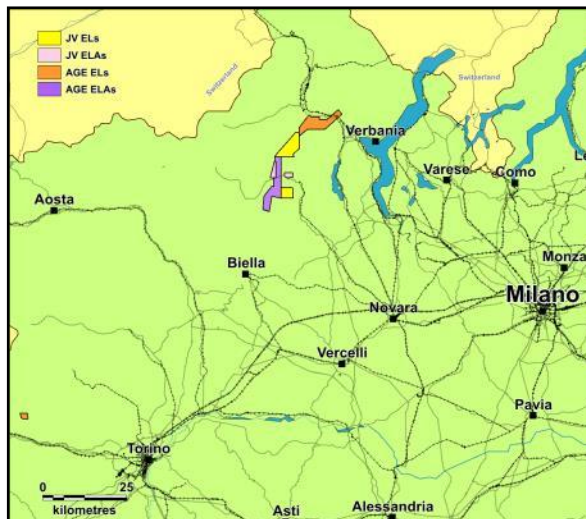
The project covers four titles containing ultramafic-hosted cobalt-nickel sulphide deposits that were mined between the 1860's and the end of World War II. Sulphides in pipe-like intrusive bodies and massive sulphide accumulations at the base of large, layered ultramafic intrusions were mined. The cobalt to nickel ratio was high in these deposits. Airborne surveys obtained by CRP have defined a number of conductors potentially indicative of massive sulphides as well as a number of magnetic features which may represent the responses from intrusive bodies hosting disseminated sulphides. These represent very attractive targets in an area with clear cobalt-nickel pedigree untouched by modern exploration techniques.



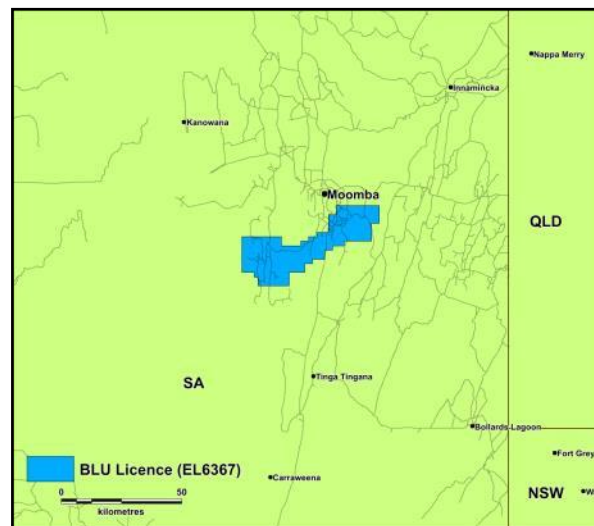
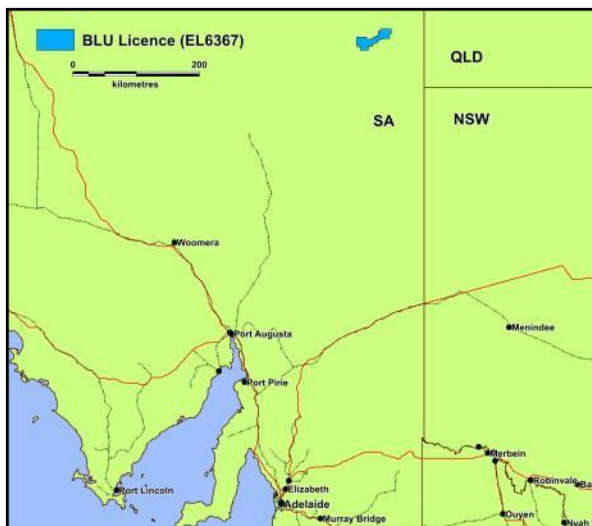
**NT Australia – ARUP U:**



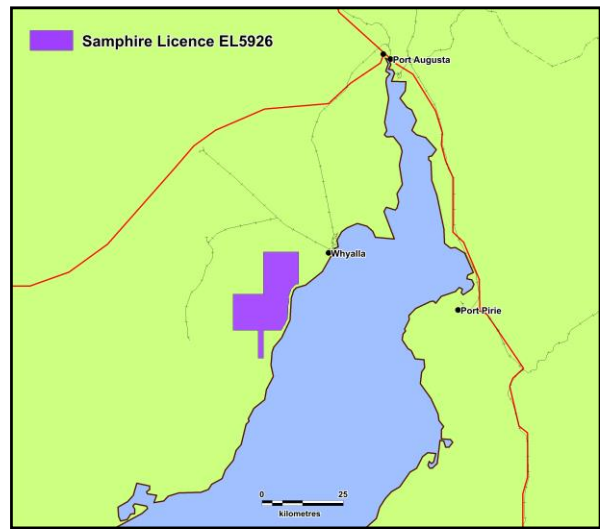
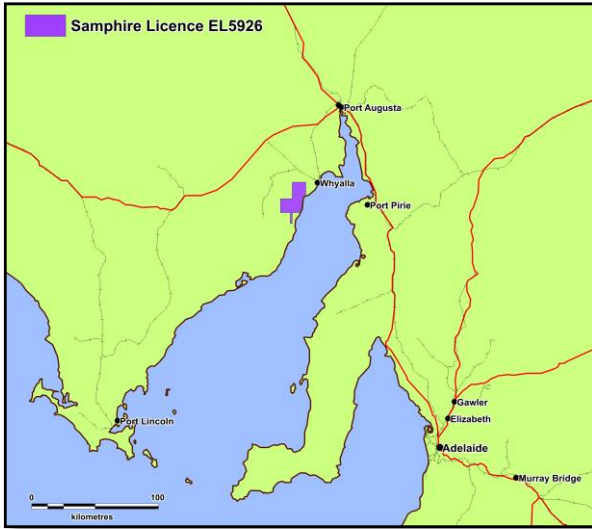
**Northwest Italy – Piedmont Ni-Co:**



**SA Australia – Big Lake U:**



**SA Australia – Samphire U:**



***Project Location Diagrams***

## **Appendix A: Terms of Attaching Options**

The terms of the Attaching Options are:

- (a) Each Attaching Option entitles the holder to apply for one fully paid ordinary share (Share) in the capital of the Company.
- (b) The Attaching Options may be exercised during the period that is 18 months from the date of issue of the Attaching Options.
- (c) The exercise price of the Attaching Options is \$0.015 each.
- (d) Official Quotation of the Attaching Options will be subject to meeting the eligibility requirement as set out in Listing Rule 2 – Quotations. If the eligibility requirement is not met, the Attaching Options will be issued but they will not be listed.
- (e) The Company will provide to each holder of the Attaching Options a notice that is to be provided when exercising the Attaching Options (**Notice**). Options may be exercised in whole or part by the holder of the Attaching Options by completing the Notice and forwarding it to the Company Secretary via the details below in the Corporate Directory. The Notice must state the number of Attaching Options elected to be exercised, the number of shares to be issued accordingly, and the identity of the proposed recipient. The Notice by a holder of the Attaching Options must be accompanied by payment in full for the relevant number of Shares being subscribed, being an amount of the exercise price per Share.
- (f) All Shares issued on the exercise of the Attaching Options will rank equally with the Company's then issued Shares. The Company must apply to the ASX within 5 business days after the date of issue of all Shares pursuant to the exercise of Attaching Options to be quoted.
- (g) There are no participating rights or entitlements in the Attaching Options and the holders of the Attaching Options will not be entitled to participate in new issues or pro-rata issues of capital to Shareholders during the terms of the Attaching Options. The holder of the Attaching Options therefore does not have any rights to a change in the exercise price of the Attaching Option or a change to the number of underlying Shares over which the Attaching Option can be exercised. The Company will ensure, for the purpose of determining entitlements to any issue, that all holders of the Attaching Options are notified of a proposed issue after the issue is announced to the ASX, so as to give the holders of Attaching Options that chance to exercise their Attaching Options during the exercise period prior to the date for determining entitlements to participate in such issues.
- (h) Should any reconstruction of the authorised or issued capital in the Company occur (including consolidation, subdivision, reduction or return), all rights of the Attaching Option-holders will be reconstructed accordingly as prescribed under the ASX Listing Rules.