



Drilling Recommences at Big Lake Uranium Discovery, South Australia

Alligator Energy Limited **ASX: AGE (Alligator or the Company)** is pleased to advise that its follow-up drill program at the Big Lake Uranium Project (Big Lake) in the Lake Eyre Basin, South Australia is now underway after a hiatus due to persistent rain following the initial discovery success in 2024.

Highlights

- The Big Lake Project (Figure 1) encompasses the northern extensions of the proven uranium-bearing sedimentary system that hosts the Beverley, Four Mile and Honeymoon ISR uranium operations in South Australia and shares many of the key characteristics of world-class hydrocarbon-related ISR uranium districts.
- In August 2024, frontier drilling at “Site 10” (Figure 2) delivered a significant exploration success, intersecting substantial thicknesses of anomalous uranium mineralisation within interbedded sand units of the Namba Formation.
- The discovery provided the first proof-of-concept for the presence of significant uranium mineralisation within the Lake Eyre Basin sediments, validating the Company’s exploration model and highlighting the potential for the basin to host a new sedimentary uranium district.

Alligator’s CEO and Managing Director Andrea Marsland-Smith stated: *“Our Big Lake Project is one of few greenfields uranium exploration opportunities that has emerged in Australia in the last decade. Our discovery at Site 10 in 2024 provided the first tangible evidence that the Lake Eyre Basin sediments can host uranium mineralisation, validating a geological model that has the potential to unlock a completely new uranium district. Following the 2024 discovery, persistent wet weather conditions limited our ability to return to Site 10, making this upcoming program particularly exciting as we now have the opportunity to follow up the discovery and further assess its scale and potential.*

We are entering a highly active phase of exploration, and this upcoming drilling program represents an important step in assessing the scale and continuity of the Site 10 discovery while simultaneously testing a pipeline of prospective targets across EL 6367. The success achieved by the team to date reinforces our view that Big Lake has the potential to become a strategically important uranium project within Alligator Energy’s growing portfolio of advanced uranium assets”

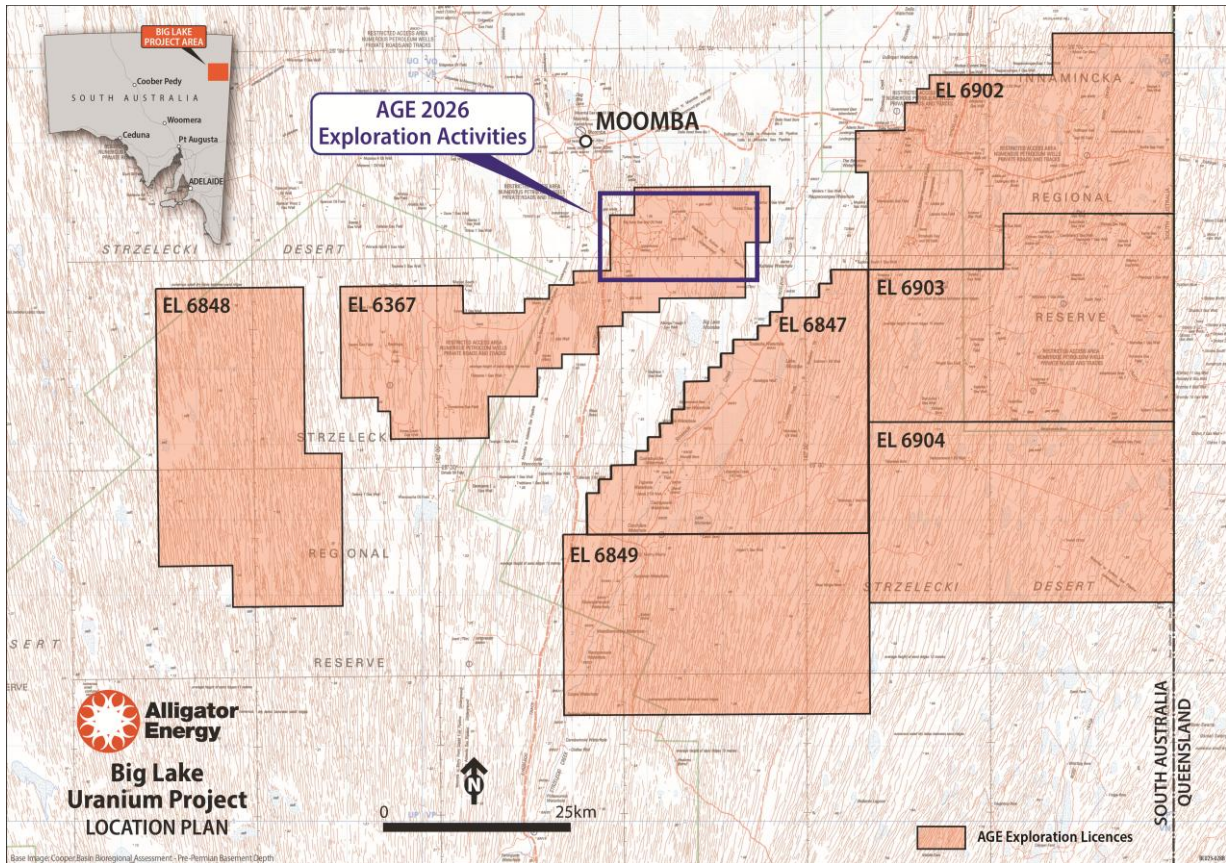


Figure 1: Big Lake Uranium project location and exploration target area.

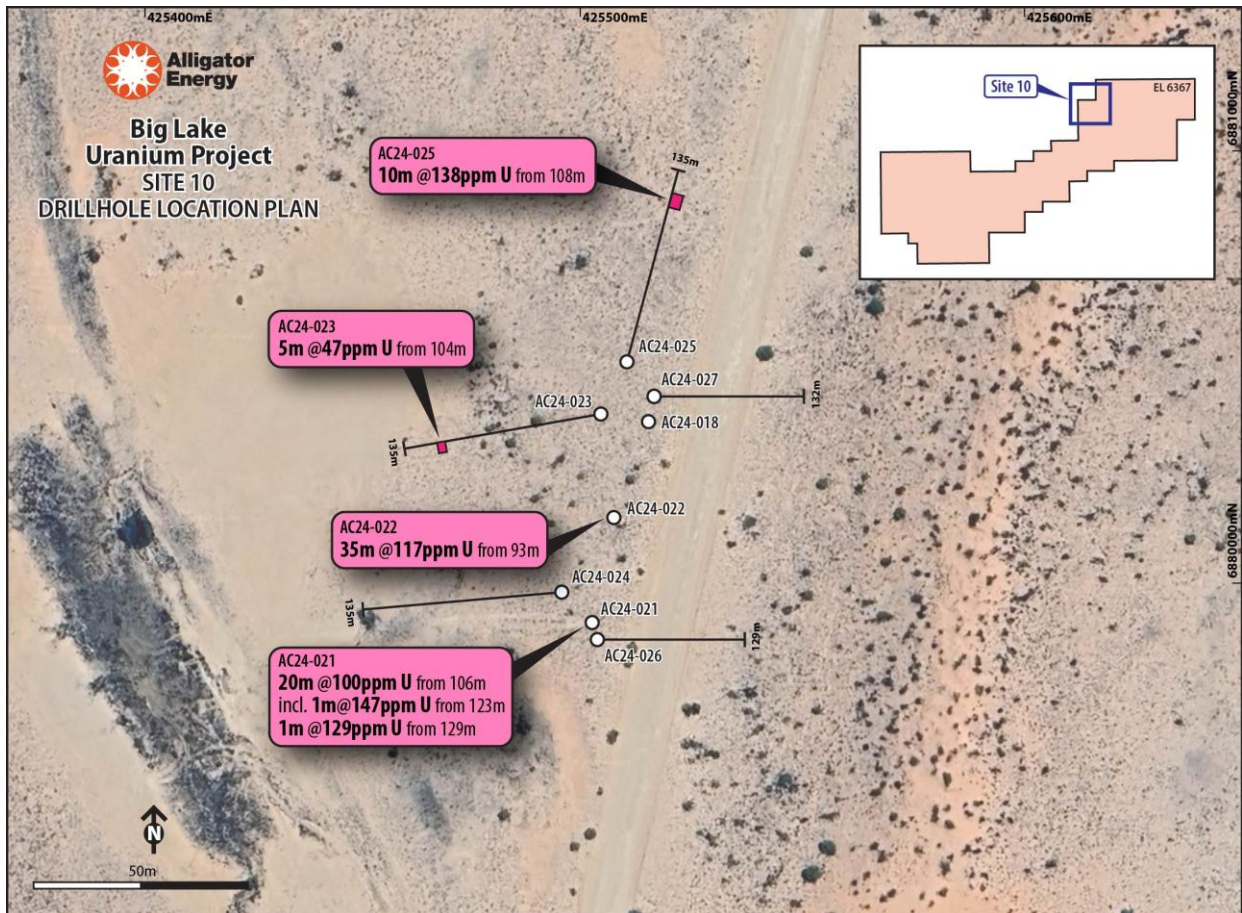


Figure 2: Drillhole location map (Site 10) showing uranium grades (ppm) encountered in AGE's inaugural 2024 drilling program. Aircore drilling in this area will be targeted to expand the mineralisation footprint.

This release was authorised by the Board of Directors.

Engage with this announcement at the Alligator Energy [InvestorHub](#).

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Forward Looking Statement

This announcement contains projections and forward-looking information that involve various risks and uncertainties regarding future events. Such forward-looking information can include without limitation statements based on current expectations involving a number of risks and uncertainties and are not guarantees of future performance of the Company. These risks and uncertainties could cause actual results and the Company's plans and objectives to differ materially from

those expressed in the forward-looking information. Actual results and future events could differ materially from anticipated in such information. These and all subsequent written and oral forward-looking information are based on estimates and opinions of management on the dates they are made and expressly qualified in their entirety by this notice. The Company assumes no obligation to update forward-looking information should circumstances or management's estimates or opinions change.

Competent Person's Statement

Information in this report is based on current and historic Exploration and Resource Drilling Results compiled by Dr Andrea Marsland-Smith who is a Member of the AusIMM. Dr Marsland-Smith is employed on a full-time basis with Alligator Energy as Chief Executive Officer, and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration (including 25 years in ISR uranium mining operations and technical work) and to the activity she 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. Dr Marsland-Smith consents to the inclusion in this release of the matters based on her information in the form and context in which it appears.

About Alligator Energy

Alligator Energy Ltd 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).

Projects

