



## **Drilling Commences at Alligator's Samphire Uranium Project**

### **Key Highlights**

Alligator Energy Limited **ASX: AGE (Alligator or the Company)** is pleased to advise that drilling has now commenced at the Samphire Uranium project, south of Whyalla, South Australia. Key points on the drilling program include:

- Drilling of up to 14 holes using sonic core methods to extract a core of sediments in the uranium bearing zones at the Blackbush deposit
- Hole locations designed to add high quality geochemical data within the Blackbush higher grade zone (refer figure 1) – this is needed both for the targeted increased confidence level of the JORC compliant resource (**resource**) being sought by Alligator, and to tie in the historical probe logged resource data
- While drill rig and drillers arrived on site on 11 November (after some delay from a previous program and necessary cross border Covid access requirements), the unseasonal rain through the north has impacted the ability to get onto the pastoral lease until now
- All infrastructure and AGE geological team for the drilling is in place
- As sonic core is extracted, it will be photographed, vacuum sealed and chilled to maintain core integrity and entrained groundwater
- Samples will be sent to a qualified laboratory for analysis – however due to a high workload at all Australian assay labs, results of the geochemical analysis are not anticipated for 6 to 8 weeks
- Cores from selected holes will also be sent to ANSTO who will undertake updated uranium leach and IX extraction testwork to feed into the resource modelling and compilation of a Scoping Study, to be undertaken during the first half next year.
- Following the sonic core drilling, up to 40 rotary mud holes will be drilled with uranium results obtained by PFN and gamma probe – holes will be designed and located for both resource confidence and potential extensional work

**Alligator's CEO Greg Hall stated:** *"We are very pleased to be finally commencing this important drilling program, the first on the Samphire Project since around 2012. As this is Alligator's first drilling program in the area, it has been important that we work with the pastoral leaseholders to ensure minimal impact on ground during our operations, and this has meant the soft ground following recent heavy rains was not suitable for the drills and equipment to drive over. More showers are forecast in the area over the coming week, and the team will work around this to maintain drilling wherever possible. I thank our very new geological team for their rapid work to prepare for this program, and the patience shown by them and the drilling crew in ensuring we undertake this work in a professional manner."*

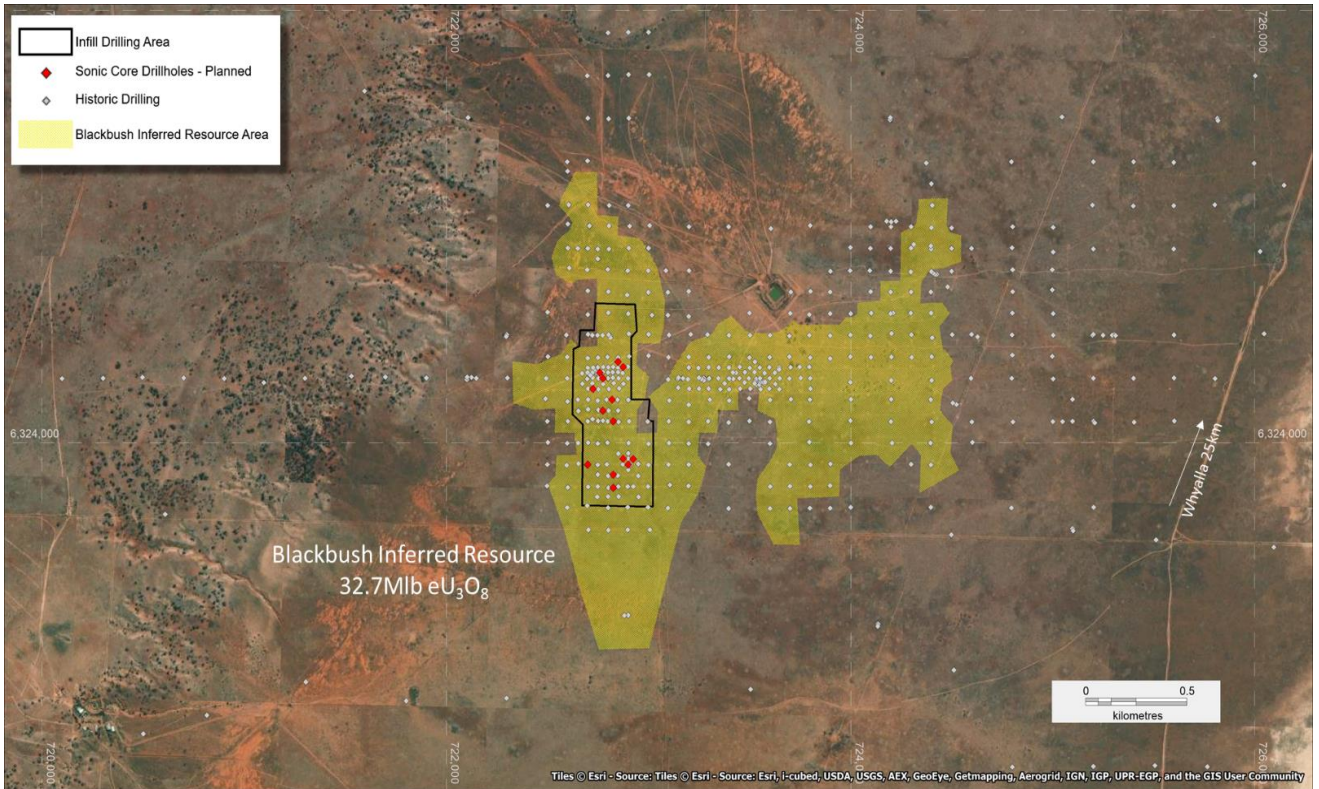
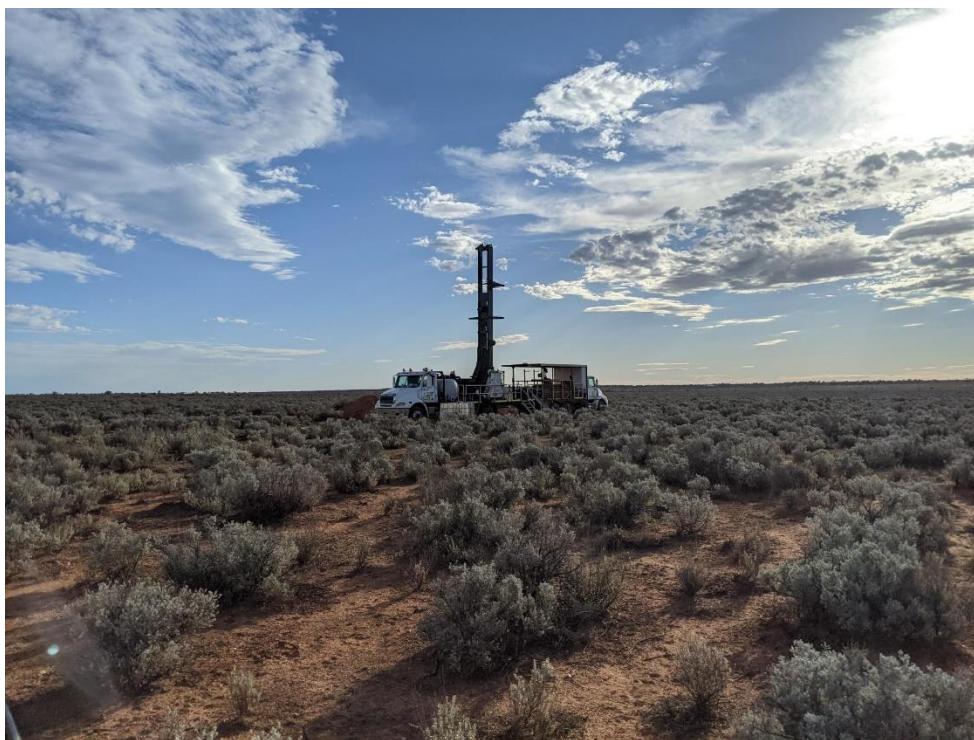


Figure 1 – Planned sonic core holes – final locations may vary depending on active field decisions



Figure 2 – Sonic core drilling rig on Blackbush deposit, Sapphire Uranium Project





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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

## 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

