



11 August 2014

ASX Announcement

**Drilling commences at Tin Camp Creek Project**

**Highlights**

- **Drilling commences on Tin Camp Creek Project.**
- **Initial Drilling to target Orion North and NE Myra Targets**
- **Further drilling to target Mintaka and Orion South during August.**
- **Ground follow up of new targets identified by SAM/MMR survey to commence**

Alligator Energy Ltd (ASX: AGE) (Alligator, the Company) provides the following update on field work at the Tin Camp Creek Project in the Northern Territory.

**Drilling Commences on Tin Camp Creek Project.**

The 2014 drilling campaign at the Tin Camp Creek Project commenced on 9 August 2014. The first targets to be drilled are at Orion North and Northeast Myra. Approximately 2,000 metres of RC and Diamond drilling is planned for these target areas.

Drilling is currently testing the intersection of an interpreted alteration zone identified by the recent SAM/MMR geophysical survey and its intersection with fault breccia zones. The location of proposed drill holes is provided on **Figure 1**.

Laboratory Assay results from the first phase of drilling at Orion North are expected to be available by early September.

Alligator will be undertaking radiometric and XRF field screening of drill samples as drilling progresses. The company will provide regular updates including reporting of field results. Field radiometric results will be provided in the interests of continuous disclosure of exploration results. These results should be considered as preliminary prior to final confirmation by laboratory assays.

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ASX Code: AGE

Number of Shares:

206M Ordinary Shares  
15.2M Unlisted  
Options

Board of Directors:

Mr John Main  
(Chairman)

Mr Robert Sowerby  
(CEO, Director)

Mr Paul Dickson  
(Non Exec. Director)

Mr Peter McIntyre  
(Non Exec. Director)

Mr Andrew Vigar  
(Non Exec. Director)

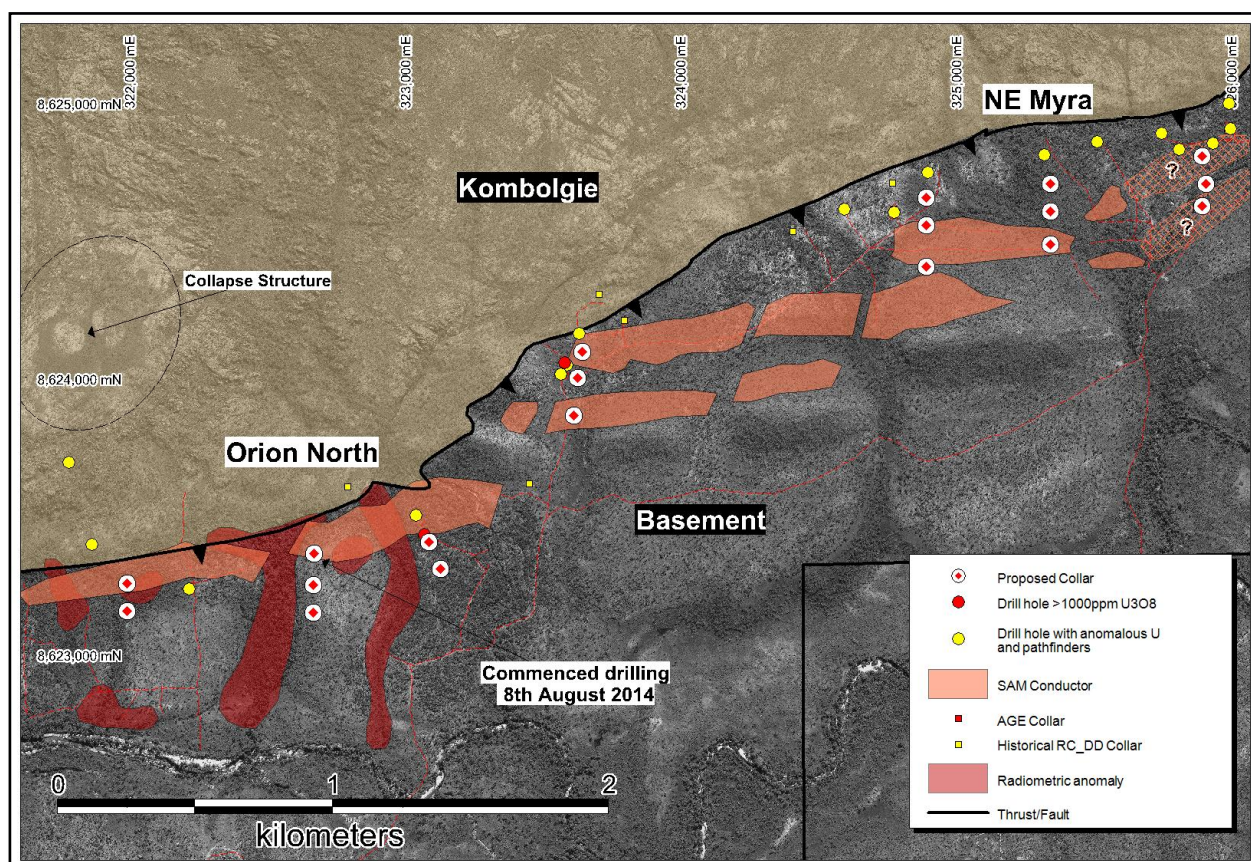
## Further drilling planned on the Tin Camp Creek Project in 2014

Priority targets for the 2014 field season are the Mintaka, Orion North, North East Myra ,Orion South and Orion East, prospect areas (refer **Figure 1**). These targets have been selected on the basis of having favourable host rocks, structure and known presence of strong uranium and pathfinder element anomalism. These targets will be further refined and prioritized following completion of final processing of the results of the recently completed SAM/MMR survey.

A total of 5,000 metres of RC Percussion and Diamond Drilling is planned to be completed this year. It is expected that this phase of drilling will be completed by mid-September. The extent of further drilling to be undertaken in 2014 will be dependent on results.

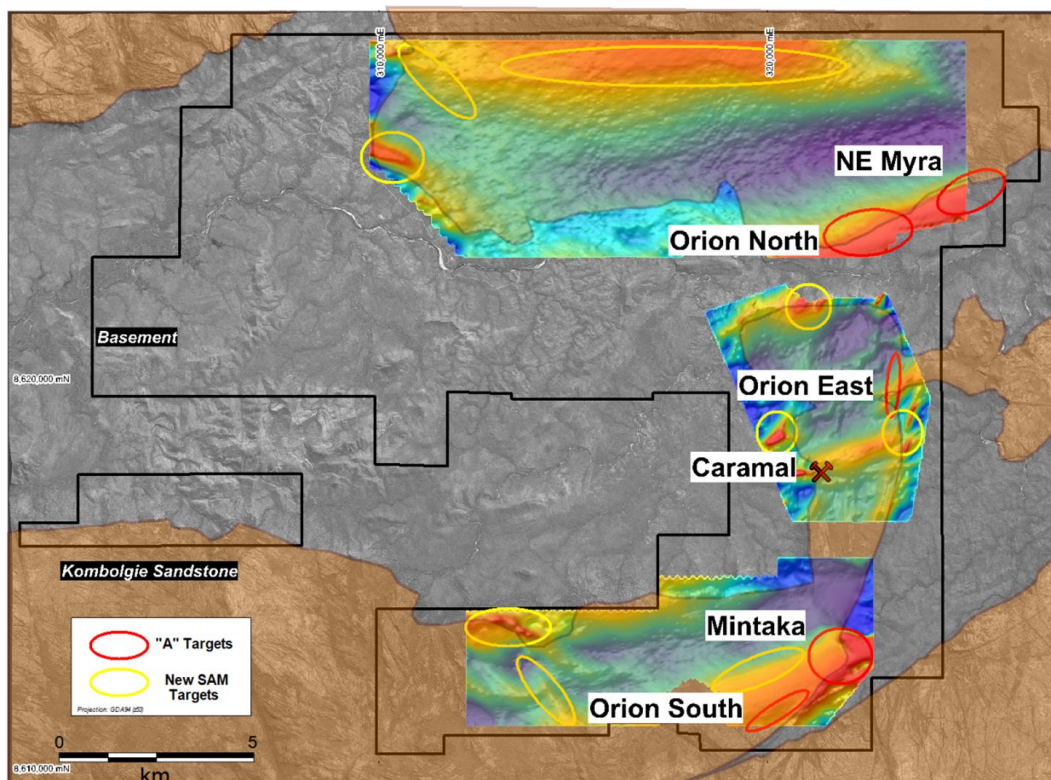
### Follow up of new targets identified by SAM/MMR survey

In addition to defining the existing priority targets, the recent SAM MMR/Survey has identified a number of extensive anomalies of high interest. While the current priority for Alligator is to drill test the previously identified targets, initial ground work will commence to further investigate the new targets. This work will initially involve surface sampling and mapping. These additional targets are shown on **Figure 2**.



**Figure 1. Orion North / NE Myra Target areas and Planned Drilling Locations**



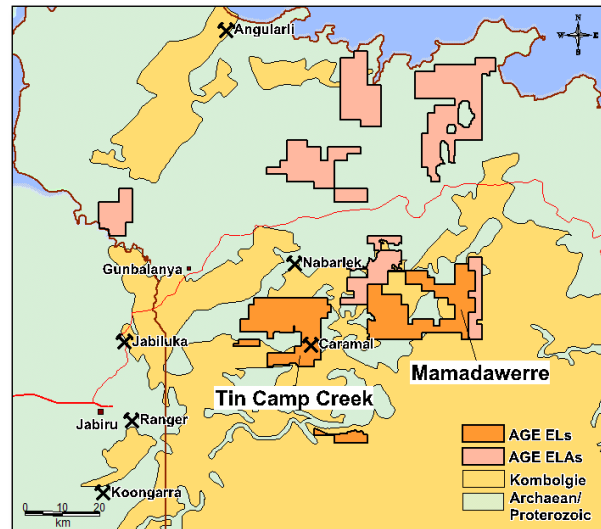
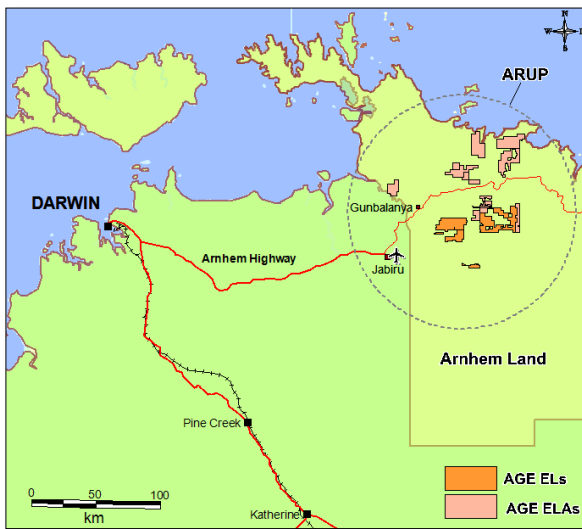


**Figure 2. Tin Camp Creek Project area and Image of MMR responses. Red and orange coloured areas relate to low resistivity/higher conductivity.**

## About Alligator Energy

Alligator Energy Ltd is an Australian, ASX listed, exploration company with uranium exploration tenements in the world class Alligator Rivers Uranium Province in Arnhem Land, Northern Territory. The Alligator Rivers Uranium Province hosts nearly 1 billion pounds of high grade uranium resources and past production, including the Ranger Mine and Jabiluka. The company's flagship project is the Tin Camp Creek Project. Since listing in February 2011, the company has completed in excess of 15,000m of drilling, defined a maiden high grade, JORC compliant resource at Caramal (6.5Mlb U<sub>3</sub>O<sub>8</sub> at 3100ppm U<sub>3</sub>O<sub>8</sub>) and discovered new mineralization at Mintaka and Orion East. High Grade mineralization also occurs at the historic South Horn and Gorrunghar prospect which remain only partially tested.

The company has in excess of 1000km<sup>2</sup> of Exploration Licence applications and is also in Joint Venture with Cameco Australia Pty Ltd for the Mamadawerre Project, also within the Alligator Rivers Uranium Province



**Project Location Diagrams**

## FOR FURTHER INFORMATION, PLEASE CONTACT

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## Competent Persons Statement

Information in this report is based on current and historic Exploration Results compiled by Mr Rob Sowerby who is a Member of the Australasian Institute of Geoscientists. Mr Sowerby is CEO and Director of 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 Sowerby consents to the inclusion in this release of the matters based on his information in the form and context in which it appears.