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Successful Completion of TEMPEST AEM Program at Eclipse Project generates new drilling targets

- Eclipse has completed 1610 line km of Tempest AEM at a spacing of 1000m over three granted tenements in its flagship Eclipse Project.
- A more detailed 400m line spaced program was flown over a conductive anomaly previously identified in EL24637.
- The program was co-funded by the Northern Territory Geological Survey in conjunction with its *Bringing Forward Discovery Initiative*
- Preliminary Interpretation of the data shows numerous conductive target areas which require further refinement and investigation (Fig 1 & 2).

The directors of Eclipse Uranium Ltd (ASX: EUL) are pleased to announce the completion of a Fugro Tempest Airborne Electromagnetic program on its flagship Eclipse Project located in the Ngalia Basin (Fig. 3).

The program was designed to expand on a trial program completed by Scimitar Resources Ltd in 2008. From this trial data a conductive anomaly was identified on EL24625 which appeared to coincide with the basin margin. A further conductive feature, in EL24625 was also identified which was, interpreted as a variation within tertiary basin sediments possibly analogous to the palaeochannels identified by Thundelarra Resources (ASX:THX) which hosts their Afghan Swan Prospect. An anomalous zone was, also, identified on EL24637.

The program was designed to be flown at 1000m line spacing with tie lines at between 2500m and 4750m depending on the area. A 400m line spaced infill was completed over the conductive target zone in EL24637.

Preliminary processing of the data from the highly successful program has defined a series of conductive targets for further investigation on the three granted tenements in the Ngalia Basin (Fig 1 and Fig 2). At this stage it is considered that the targets may represent both structure related conductive features as well as interpreted sedimentary targets, for example palaeochannel environments. Eclipse is now continuing the processing of the data to further refine and prioritise these targets. Over the coming months field programs will be designed to test the targets.

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Figure 1 Tempest AEM on EL24625 and EL24637

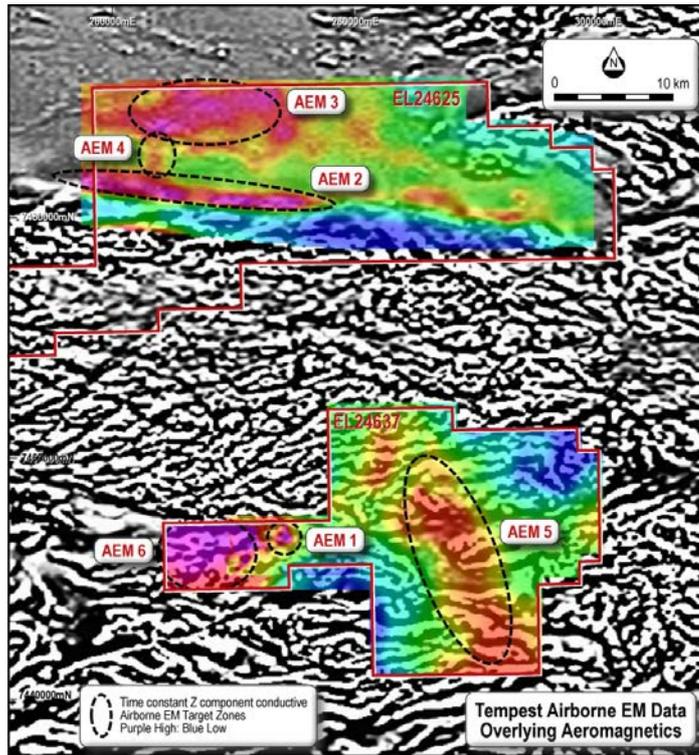
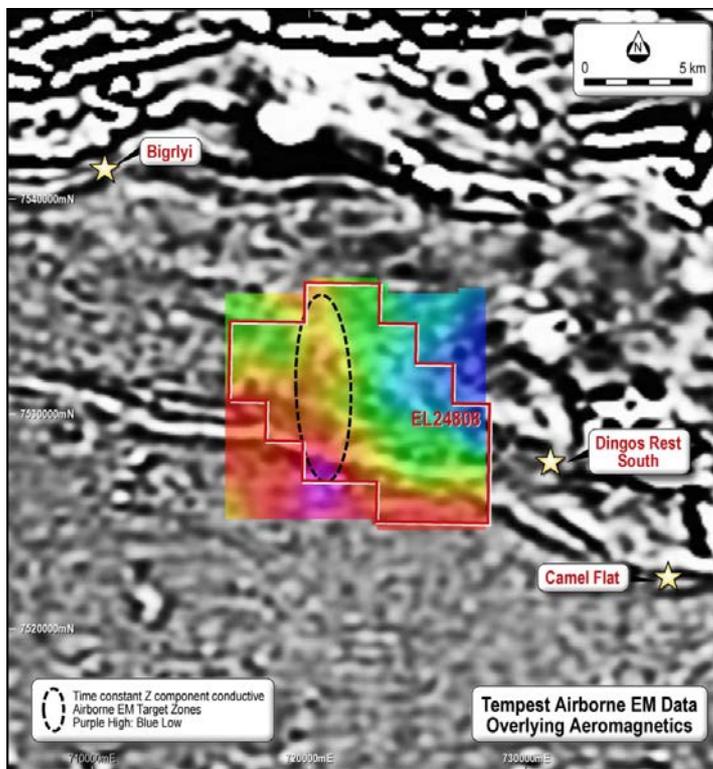
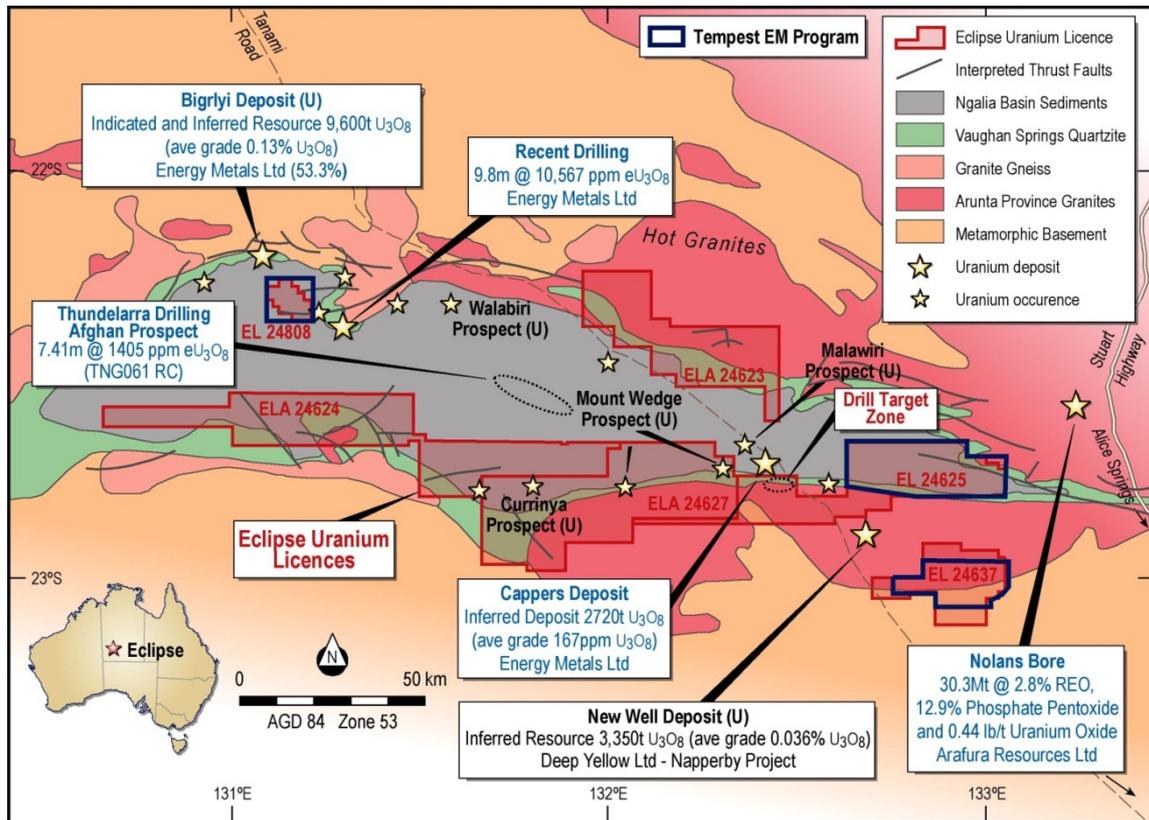


Figure 2 Tempest AEM EL24808



Earlier in the year Eclipse was awarded co-funding to a total of \$53,190 by the Northern Territory Geological Survey *Bringing Forward Discovery* Initiative. In 2010 Thundelarra Resources (ASX:THX) completed a Tempest AEM program in the Ngalia Basin, also co funded by this initiative, which identified a palaeochannel system within the Tertiary basin sediments.

Figure 3 Eclipse Project.



About Eclipse Uranium Limited

Eclipse Uranium Limited is an Australian company with a portfolio of quality uranium tenement assets and rare earths in the highly prospective provinces of the Northern Territory. The company holds almost 9,000 km² of selected tenure across six separate project areas situated around key locations in the Northern Territory.

For more information please visit the website at: www.eclipseuranium.com.au

Competent Persons statement:

The information in this report to which this statement is attached that relates to Eclipse Uranium Limited's Exploration targets is based on information compiled by Mr Mark Fogarty who is a Member of the Australasian Institute of Mining and Metallurgy. Mr Fogarty is a fulltime employee of Eclipse Uranium Limited. Mr Fogarty has sufficient experience which is relevant to the styles of mineralisation and types of deposits under consideration. Mr Fogarty is undertaking to qualify as Competent Persons as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Fogarty consents to the inclusion in the report of the matters based on their information in the form and context in which it appears.