

Archer Exploration Limited Campoona Geophysics Update

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Perth, Australia (ABN Newswire) - [Archer Exploration Limited](#) (ASX:AXE) completed a detailed 2,000 line km airborne RepTEM survey over large portions of EL4693 Wildhorse Plain and EL4893 Cleve West on 6th August 2012. The EM survey covered Archer's Campoona Graphite Deposit and its north-eastern and south-western strike extensions as well as covering the main regional graphite targets (Figure 1).

An early aerial survey was conducted over the Campoona Central Area, immediately around the Campoona South outcrop. The data collected from that airborne survey enabled accurate position of drilling in areas where graphite was concealed beneath soil cover.

The survey flown by Geosolutions Pty Ltd was divided into 3 areas:

- Areas 1 to 3 (Fig. 1) cover the extension of the Campoona Graphite Deposit.
- Areas 4 to 6 cover the widespread Mt Shannon graphite occurrence.
- Area 7 covers the Wilklow to Miltalie occurrences that have previously recorded large flake graphite. Archer has not drilled these two highly prospective areas as yet.

RepTEM is a proprietary time domain EM system that is slung below a helicopter with the system sensor positioned 30 metres above ground surface.

The survey, conducted on flight lines spaced 100m apart, has provided high quality mapping of the highly conductive graphitic horizons.

Preliminary images from the western portion of the surveys have shown:

1. The Campoona Shaft graphite deposit extends north of the drilled area.
2. The Campoona shear structure continues to the south for several kilometres.
3. Mt Shannan target offers the compelling mix of well defined structure and high EM response.
4. Other parallel conductive bodies occur to all target areas, which have not been drill tested at this time.

Processing of the entire EM data set will continue over the next month and should lead to the identification of further drill targets.

To view the complete Archer Exploration announcement including Figures, please click the link below:
<http://media.abnnewswire.net/media/en/docs/ASX-AXE-188996.pdf>

About Archer Exploration Limited:

[Archer Exploration Limited](#) (ASX:AXE) is a copper, gold and uranium explorer focused on the discovery of world-class ore deposits.

The company has carefully acquired a portfolio of projects, covering an area in excess of 7,000 km², in the highly prospective Gawler Craton and Adelaide Fold Belt regions of South Australia. All projects are 100% owned by the company.

The company's flagship Evelyn Dam prospect in the West Roxby Project is an iron ore-copper-gold-uranium (IOCG-U) target which has a gravity anomaly similar in size to the nearby Olympic Dam operations.

Archer Exploration Limited has an experienced board and management team and has the ability to maximise the potential of the company's world-class projects.

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