

Archer Exploration Limited - Exceptional Campoona Metallurgical Results

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Adelaide, Australia (ABN Newswire) - [Archer Exploration Limited](#) (ASX:AXE) is pleased to announce that ongoing metallurgical testing of Campoona graphite samples has delivered ultra-pure highly crystalline graphite concentrates using conventional widely used metallurgical processes.

Archer's Managing Director, Mr Gerard Anderson, said: 'Our results are fantastic. They have come about by challenging the norms, applying good mineral science and from thorough, systematic and thoughtful metallurgical testing where lessons learned from each test influence successive tests. You cannot buy the experience and knowledge we have gained.'

'Our aim has always been to produce the highest quality natural graphite in the world. We are fortunate that the geological and mineralogical characteristics of the Campoona deposit make that lofty aim achievable.'

'The next phase is to replicate the bench-scale results using scale-up testing. Scale-up testing will deliver many kilograms of final product for diagnostic testing and distribution to selected end users. The results from scale-up testing should enable Archer to develop a clear plan for Campoona in terms of its size, the target product mix and capital and operating costs.'

'We have made excellent progress in the twelve months since drilling the discovery hole at Campoona. We have completed an Environmental Fauna and Flora Baseline Studies to provide important data needed to support a future Mine Lease Proposal. Over the next quarter we will commence the scale-up testing and commence Scoping Studies.'

Since October 2012 the Company has undertaken rigorous metallurgical bench-scale testing of representative diamond drill core samples of Campoona graphite. From that testing the Company has gained invaluable knowledge on optimising the flotation of graphite and on the suppression and removal of gangue minerals.

From the outset Archer's plan has been to produce graphite concentrates that matched the world's highest quality natural graphite concentrates. Several successive tests have delivered -75 micron graphite concentrates grading =99% carbon. The Company can now boast of being able to emulate the highest quality fine natural graphite concentrates in the world.

To view charts and additional data, please visit:
<http://media.abnnewswire.net/media/en/docs/ASX-AXE-724993.pdf>

About Archer Exploration Limited:

[Archer Exploration Limited](#) (ASX:AXE) is a graphite, magnesite, copper, gold and manganese 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 5300 km², in the highly prospective Gawler Craton and Adelaide Fold Belt regions of South Australia. All projects are 100% owned by the Company.

Archer also has earned the right to 100% of minerals other than uranium on EL4693 Wildhorse Plain located near Cleve on Eyre Peninsula.

The Company's flagship Campoona and Sugarloaf graphite deposits occur in the Cleve district where the Company has tenure of 933km² in the emerging graphite province.

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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