

# Archer Exploration Limited: Australia's Largest Graphite Resource - Presentation

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Adelaide, Australia (ABN Newswire) - [Archer Exploration Ltd.](#) (ASX:AXE) has Australia's Largest Graphite Resource and has a track record of identifying projects and creating value. Archer today provides the company presentation, of which some highlights are reproduced below:

## Track Record Timeline:

2008 - Began precious metal exploration at Sugarloaf tenement  
2009 - Land opportunities identified - manganese prospects  
2010 - Leigh Creek magnesite acquired - manganese drilling - graphite intersections at Sugarloaf  
2011 - Drilling commenced on Campoona graphite deposits  
2012 - Sold West Roxby Area IOCGU project to BHP for \$8m - Maiden JORC graphite resource at Campoona  
2013 - Acquired Sugarloaf property - Campoona drilling - graphene research development with Adelaide University  
2014 - Purchased Waddikee graphite project | Undertaking Strategic Review of Leigh Creek Magnesite project

## Campoona: high grade, fine flake graphite

- High quality fine flake graphite concentrates on both Campoona Shaft and Central Campoona
- Bulk flotation tests provided concentrates grading 92 - 98% Cg
- acid cleaning upgrades concentrates >98% Cg - 99.7% Cg
- Excellent recoveries for all geologic horizons
- Robust results provide confidence for Archer to enter the higher value end of the graphite market
- Campoona Shaft is on freehold pastoral land and has a binding agreement over sufficient land at Campoona Shaft for mining to proceed

## Graphite demand

Macro environment: a growing market with a bright future

- Chinese supply (~70% of market) is declining due to mine closures, increasing costs and environmental challenges
- Emerging production capacity especially in Africa & Australia
- Graphite identified as a critical industrial mineral by USA & UK
- Target markets include:
  - Batteries - dry cell, alkaline and lithium-ion
  - Recarburation of steel
  - Brake pads
  - Carbon brushes
  - Lubricants and greases

## Archer Exploration market engagement

- High purity graphite concentrates to be provided to specific market segments for assessment

- Market interest from Asia and North America
- Seeking to negotiate pre-sale and offtake agreements with prospective buyers
- Research agreement entered with Adelaide University to focus on new product opportunities for Archer graphite and graphene products

### **The Eyre Peninsula Project**

Significant graphite tenements

- Substantial tenement position (~2,100km<sup>2</sup>) in graphite province
- recently extended with the purchase of the Waddikee tenement
- Key projects include Campoona Shaft, Central Campoona, and Wilclo South
- There are an additional 10 graphite prospects with large exploration upside
- current contained resource likely to grow appreciably with further drilling
- high quality EM has identified numerous distinct linear conductors

To view the presentation, please visit:

<http://media.abnnewswire.net/media/en/docs/ASX-AXE-810740.pdf>

### **About Archer Exploration Limited:**

[Archer Exploration Ltd.](#) (ASX:AXE) is an Australian Stock Exchange listed company with 100% ownership of 15 tenements and one Exploration Licence Application all in South Australia covering 6,053 km<sup>2</sup>.

Archer also has the rights to all minerals other than uranium on EL4693 covering a further 816 km<sup>2</sup>. Archer's main project is the Campoona Graphite Project which is located within reach of established and major developing infrastructure. It has a JORC 2004 Resource of 5.27 million tonnes @ 7.6 % TC (based on 2% TC cut-off).

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