



## ASX Announcement

15 NOVEMBER 2010

# GRANT OF KEY LITHIUM EXPLORATION LICENCES

The Manager  
Companies Announcements  
Office  
Australian Securities Exchange  
20 Bridge Street  
SYDNEY NSW 2000

ERO Mining Limited is pleased to announce that it has received advice from South East Energy Limited (South East) of the granting of Exploration Licences EL4601 and EL4602 covering the sections of South East's original exploration licence applications (ELA2009/00365 and ELA2009/00366) over the southern half of Lake Frome and its southern shoreline zone.

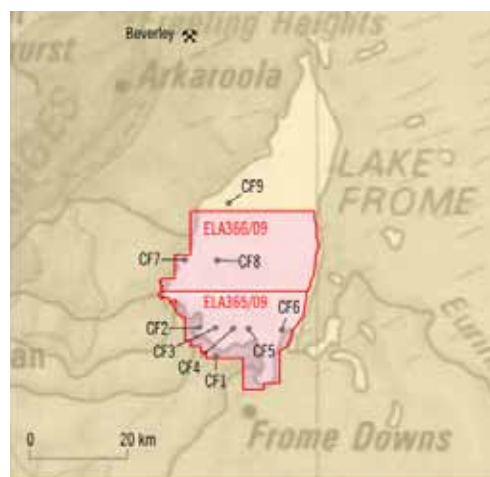
These exploration licences are situated in what is considered to be a world class lithium province and will be the focus of an intensive exploration program with the primary objective of delineating a lithium resource.

The Lake Frome exploration licences cover 1,757 km<sup>2</sup> of the Lake Frome lowland that hold potential for accumulations of lithium. Past shallow drilling (0–80 metres) carried out by Comalco in the 1970s in search of evaporite minerals intersected significant concentrations of lithium up to 250 ppm (0.025%) in the southwest corner of Lake Frome.

Depth (metres)	CF1 (ppm)	CF2 (ppm)
10	100	250
20	100	30
30	150	100
40	150	200
50	150	100
60	100	250
70		250
80		200

The Lake Frome project, which is situated near the Beverley and Four Mile sandstone-hosted uranium deposits, is also believed to be highly prospective for sandstone-hosted uranium. Exploration for uranium can be run concurrently with drilling for lithium. ERO Mining announced on 12 October 2010 that, subject to shareholder approval, it would be acquiring South East.

**David Godfrey**  
Company Secretary



Location of EL4601 and EL4602, Lake Frome, South Australia.

### FOR FURTHER INFORMATION

Please contact ERO Mining Limited on 08 8132 7970, or

Investor Relations:  
Mr Duncan Gordon, Executive Director,  
Adelaide Equity Partners on  
08 8232 8800 or 0404 006 444

Further information relating to ERO Mining Limited and its various exploration projects can be found on its website:

[www.eromining.com](http://www.eromining.com)

*The following statements apply in respect of the information in this report that relates to Exploration Results, Exploration Targets and Mineral Resources: The information is based on, and accurately reflects information reviewed by Mr Lyle Sawyer, who is a Member of Australian Institute of Geoscientists. Mr Sawyer is a geologist employed by Geos Mining, whom are independent consultants to South East Energy Limited. He has the relevant experience in relation to the uranium and lithium mineralisation being reported on to qualify as a Competent Person as defined in the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Identified Mineral Resources and Ore Reserves. Mr Sawyer has consented in writing to the inclusion in this report of the matters based on the information in the form and context in which it appears.*

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