

ASX ANNOUNCEMENT

11th September 2008

Marmota Energy Limited
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ASX: MEU

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South Australia

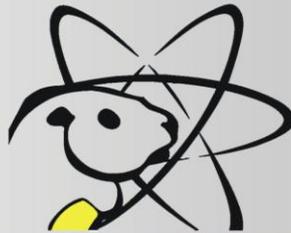
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The information in this report that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Mr D J Calandro, who is a Member of the Australian Institute of Geoscientists. Mr Calandro is employed full time by the Company as Managing Director and, has a minimum of five years relevant experience in the style of mineralisation and type of deposit under consideration and qualifies as a Competent Person as defined in the 2004 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Calandro consents to the inclusion of the information in this report in the form and context in which it appears.



MARMOTA ENERGY LIMITED

A.B.N. 38 119 270 816

EXPLORATION UPDATE

- **Multiple drillholes return anomalous down-hole gamma readings in first phase drill-testing at Marmota's flagship Ambrosia-Mulgathing uranium project, in far north South Australia**
- **Results of laboratory analysis of samples expected from early October**
- **Exploration licence applications over 9 new areas confirmed to Marmota Energy in the highly prospective Lake Frome region in South Australia**

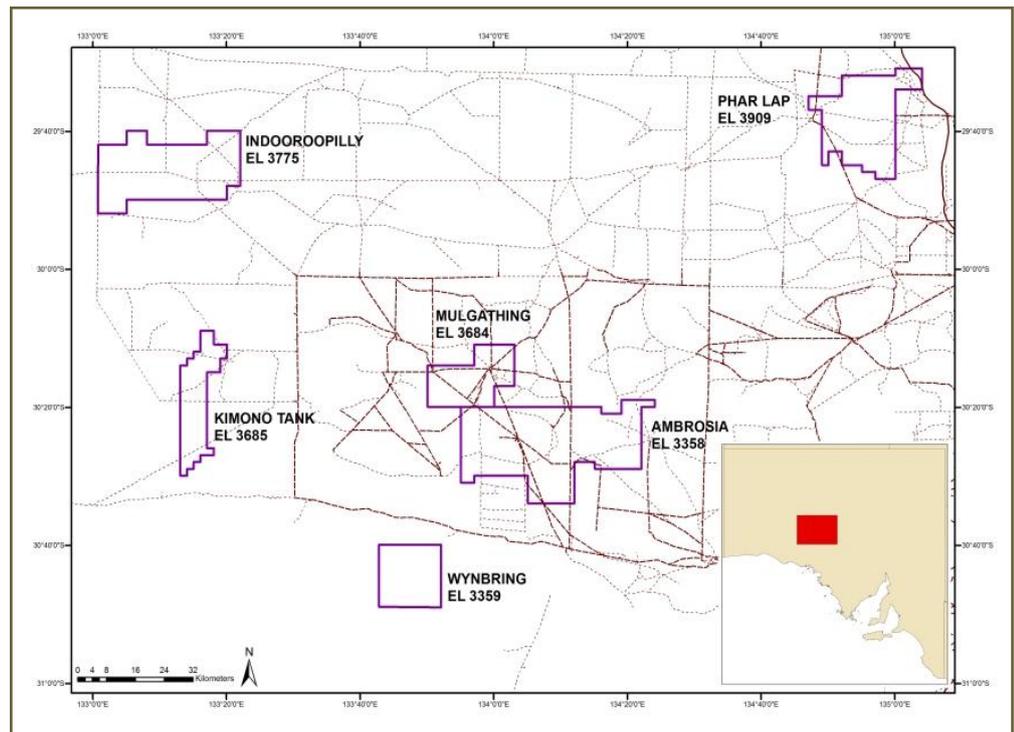


Figure 1: Location of the Ambrosia, Mulgathing project area.

Ambrosia – Mulgathing Projects

(Marmota earning 50% under Ambrosia JV Agreement with Monax Mining Limited)

(Marmota earning 70% under Farm in and JV Agreement with Monax Mining Limited)

Phase 1 Drilling Program

Marmota Energy Limited (ASX Code 'MEU') is pleased to announce that the first phase drill testing of targets on its flagship project Ambrosia–Mulgathing has been completed. Six discrete target regions were defined within the project area where 75 holes were drilled over a three month period. Holes were drilled 500 metres apart along each traverse within the target regions. Multiple holes across the target regions returned anomalous down hole gamma readings. Several holes also intersected potential reducing lignite layers, which are required for the interaction with uranium-rich oxidising fluids to give rise to uranium mineralisation. A large quantity of samples has been collected for laboratory analysis with results expected to be returned early October 2008. The Company believes that results achieved during this early stage of the program are encouraging confirming the presence of a potential uranium bearing system in the project area.

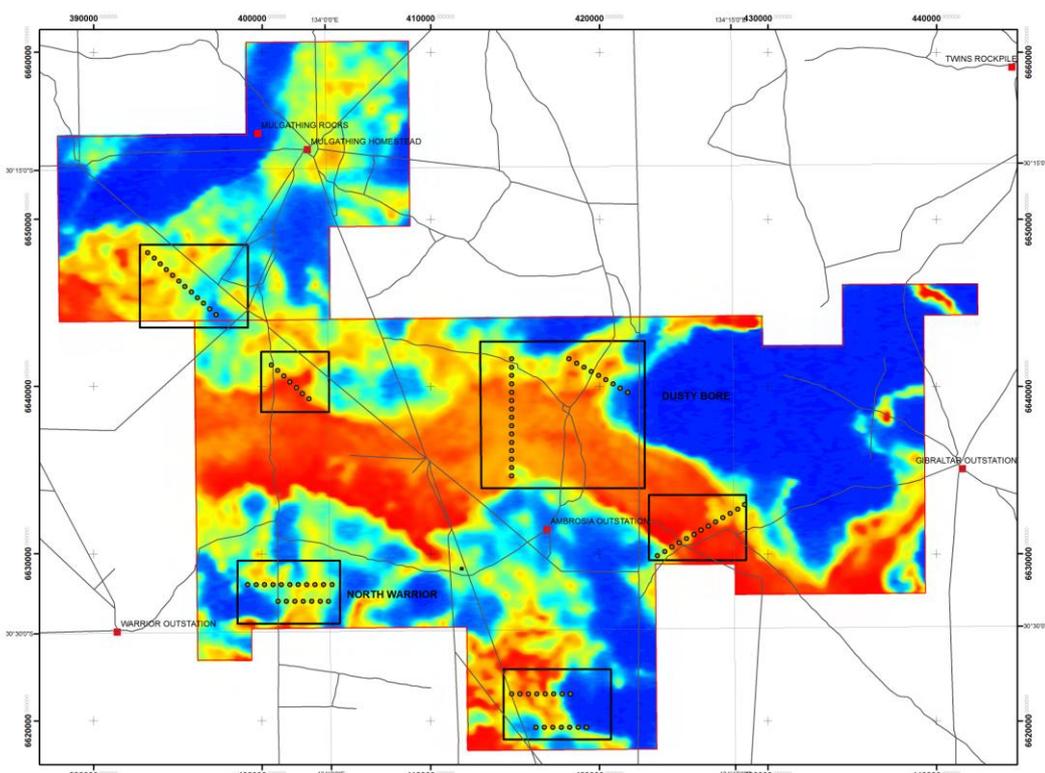
Potential shallow depth conductive bedrock-hosted IOCGU targets will be drill tested as part of the **Phase 2** drilling program planned for later this year. A number of discrete conductive and geophysical coincident anomalies are present in the project area. These along with further follow up infill drill testing of palaeochannel uranium targets will occur as part of the Phase 2 program.

The Ambrosia-Mulgathing Project

The Ambrosia-Mulgathing project tenement totals 1,112 km² of pastoral lease land and is located approximately 100 kilometres north west of the township of Tarcoola in the north of South Australia (Figure 1).

On the Ambrosia project (EL 3358) Marmota is earning 50% equity across all commodities from Monax Mining Limited, and 70% equity for uranium only on Mulgathing (EL 3684) from Monax Mining Limited. Supported by advanced geophysical and geological data for our flagship project, we believe the geological setting is prospective for both Olympic Dam style iron-oxide-copper-uranium-gold (IOCGU) deposits, palaeochannel hosted roll front uranium and tabular style sandstone-hosted uranium in Tertiary, Mesozoic and Permian sediments.

High resolution geophysical surveys including airborne EM were completed over the project area from which the Company has determined palaeodrainage systems and discrete conductive basement priority targets.



Left: Ambrosia – Mulgathing AEM with Marmota target zones outlined, and planned drillholes.

Lake Frome Region ELA's

Marmota Energy is pleased to announce that it has been successful in obtaining exploration licence applications (ELA) over 9 additional areas in the prospective Lake Frome region in South Australia (see figure 2).

The ELA areas have both Namba and Eyre formations present, which host the nearby Beverley uranium mine to the west and the Honeymoon deposit to the south. Historic exploration conducted in the 1970's on ELA 339/08 area A (circled in red) yielded anomalous uranium in several regional spaced drill holes.

The ELA's are 100% owned by Marmota and will also be investigated for base metal potential. These new ELA's add approximately 1779 Km² of project area to Marmota's prospective portfolio of tenements.

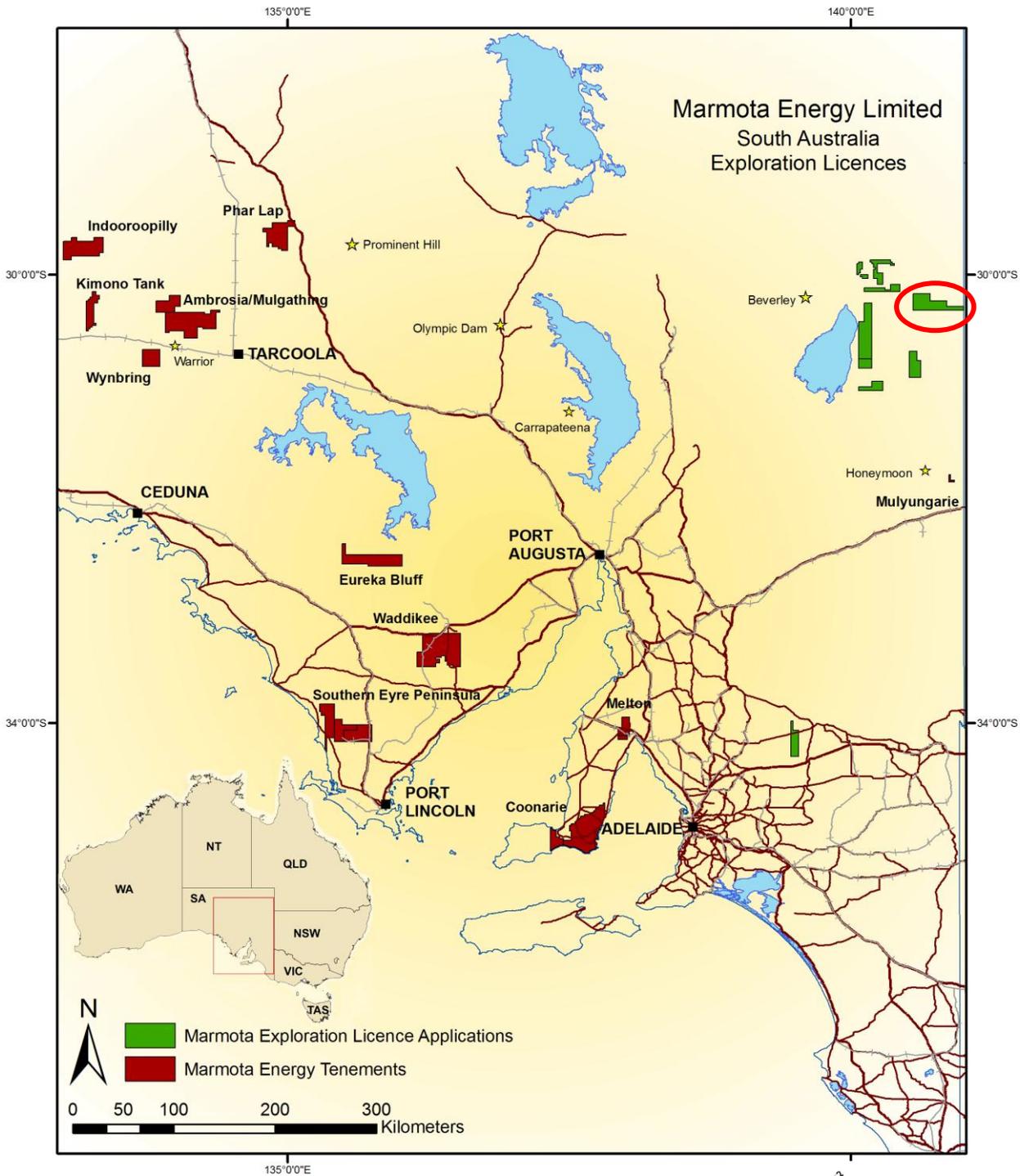


Figure 2: Marmota Energy, South Australia exploration licences with ELA 339/08 A circled in red.

Mr Dom Calandro

**Mr Dom Calandro
MANAGING DIRECTOR**

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