

ASX RELEASE

19 September 2007

**Large Calcrete Uranium
Exploration Portfolio
Gascoyne/Murchison
Western Australia
13,900km²
24 projects**

Website

www.desertenergy.com.au

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this release and company
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STRONG RADIOMETRIC ANOMALIES DETECTED AT CHARLIE PROSPECT

Desert Energy this week received the first results from its close spaced low level airborne magnetic-radiometric survey ("MagRad") conducted in July at its Charlie Prospect located 80kms west of the major calcrete hosted Yeelirrie Uranium Deposit in Western Australia.

The new MagRad survey successfully highlighted up to 20km of strong Uranium-channel radiometric anomalies which will now be used to guide systematic follow-up geochemical field sampling ([refer attached image](#)).

The MagRad survey also identified a previously unknown uranium channel anomaly (approximately 5km in length) in the southeastern part of E57/668 in an area of alluvial cover.

The uranium channel anomalies generally appear to coincide with paleo-drainages which are often buried under broad sand and alluvial cover. Calcrete is suspected by the Company's geologists to occur under some of these areas.

Desert Energy is planning to commence field operations next week involving a series of soil sampling programs on its tenements including Charlie Prospect. First results are expected next quarter. The aim of the soil sampling is to assist in drill targeting.

The Company's Downs, Minnie Creek, Lime Juice, Yaragner, Glenburgh and Chesterfield Project areas were part of the same MagRad survey and results are expected to be announced progressively over the coming weeks.

The Charlie Prospect was acquired by the Company based on its favourable setting for Yeelirrie style uranium mineralization. The previously wide spaced Government radiometric surveys outlined broad uranium channel anomalies ([refer attached image](#)). The advantage of the new detailed MagRad survey is that the aircraft flies much lower, the flight lines are more closely spaced, and new technology is used in an on-board spectrometer which has a much larger gamma ray collector than was used in the old surveys. As a result the MagRad survey has been able to identify the strongest sections of anomalism, which total approximately 20km, and delineated a new strong 5km long anomaly in the southeast.

Charlie prospect occupies approximately 339 square kilometres of an interpreted paleo-basin fed by internal paleo-drainage sourced from surrounding highly uranium radiogenic granites and adjoining greenstone belts. E51/1173 has been granted by the Western Australian Department of Industry and Resources, and E57/668 is at application stage.

Yours faithfully

Garry O'Hara
Executive Director

Robert Taylor
Managing Director

The information in this report that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Dr Robert S Taylor, a Member of The Institute of Materials, Minerals and Mining and Mr. Garry P O'Hara, a corporate member of the Australasian Institute of Mining and Metallurgy.

Robert Taylor and Garry O'Hara are both executive directors of Aurora Minerals Limited and consult to the Company through their respective consulting companies Able Kids Pty Ltd and Anketell Pty Ltd.

Robert Taylor and Garry O'Hara have sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which they are undertaking to qualify as Competent Persons as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Robert Taylor and Garry O'Hara consent to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The Company's website, is recommended reading for interested market watchers, brokers and investors. The website contains information on the Company's projects including maps, a list of the Companies announcements to ASX, the legislative environments under which the Company operates, Corporate Governance, a section on risks, many of which are common to exploration companies, and other useful information. A list of the Company's announcements is also obtainable from the Australian Stock Exchange website at www.asx.com.au

If you would like copies of announcements emailed to you can contact Ken Banks.

