



UraniumSA Limited
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**AUSTRALIAN SECURITIES EXCHANGE
COMPANY ANNOUNCEMENTS PLATFORM
ASX CODE USA**

Placement of shortfall

The Company has today formally allotted 1,689,674 fully paid ordinary shares as a result of the shortfall of the Non Renounceable 1 for 10 Rights Issue. BGF Equities Pty Ltd, Manager of the Rights Issue, placed the total shortfall.

The Rights Issue raised a total of \$3,283,995 before costs. Proceeds will be used for further drilling and development at the Blackbush Prospect within the wholly owned Mullaquana Project, and exploration elsewhere within the Company tenements.

The Company continues to grow the size of the deposit and now has an Inferred Resource of mineralisation at the Blackbush Prospect of 45.5 million tonnes of mineralisation at a grade of 280ppm eU₃O₈ estimated to contain some 12,700 tonnes of U₃O₈ (28 million pounds). Test and development work continues to advance the Blackbush Prospect towards production.

Exploration drilling is expected to recommence this week at the Plumbush Prospect within the Mullaquana Project, and the Company anticipates being able to complete a new resource estimate towards the end of the first quarter 2011.

The Directors thank UraniumSA shareholders for their support of the Rights Issue and their continued confidence and support of the Company at this exciting time in its development.

About UraniumSA Limited



UraniumSA is an Adelaide based uranium only explorer specialising in sediment hosted styles of uranium mineralisation within a substantial portfolio of properties in South Australia's Gawler Craton.

The Company has discovered sediment hosted uranium mineralisation within its Mullaquana Project, 20km south of the industrial city of Whyalla on the eastern Eyre Peninsula. The Blackbush Prospect has an Inferred Mineral Resource of 45.5Mt at 280ppm eU₃O₈ with an estimated 12,700t contained U₃O₈. The Company is working to advance the Blackbush Prospect to an in-situ recovery field trial as soon as practicable. Continuing drilling to expand the resource base is obtaining intersections significantly above deposit average grade and thickness. The objective is to expand the resource base through incremental addition and new discovery.

Through its own tenure and by Joint Venture the Company has exploration control over what it considers the most prospective portions of the Pirie Basin.

Russel Bluck
Executive Chairman
UraniumSA Limited

The exploration results mineral resources reported herein, insofar as they relate to mineralisation, are based on information compiled by Mr Russel Bluck an employee of UraniumSA Limited and Member of the Australian Institute of Geoscientists with sufficient experience relevant to the style of mineralisation and type of deposits being considered, and to the activity which is reported to qualify as a Competent Person as defined by the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (the JORC Code, 2004 Edition). Mr. Bluck consents to the inclusion in the report of matters based on his information in the form and context in which it appears. It should be noted that the abovementioned exploration results are preliminary.