

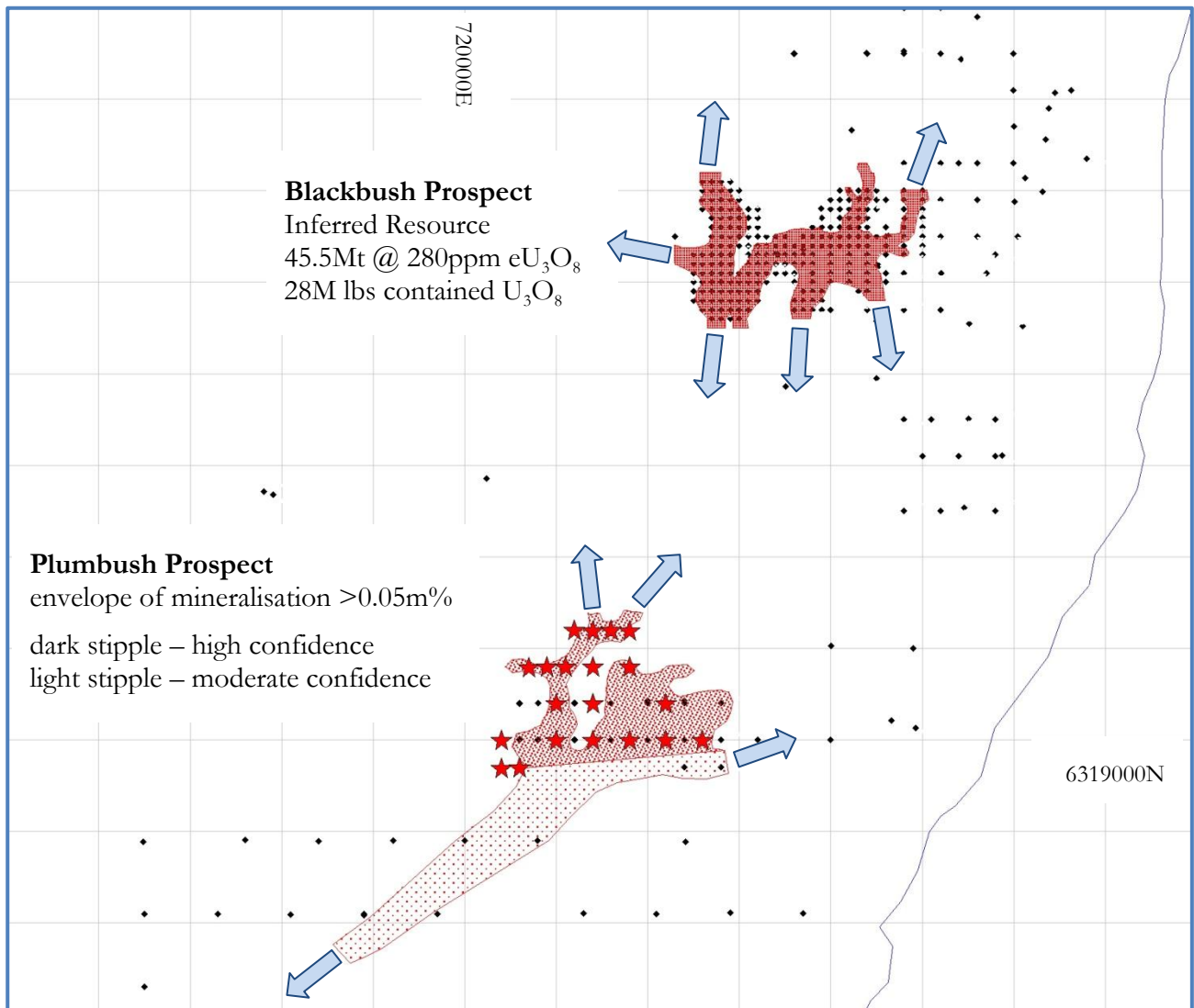
Wednesday, 15 December 2010

AUSTRALIAN SECURITIES EXCHANGE  
 COMPANY ANNOUNCEMENTS PLATFORM  
 ASX CODE USA

## ADDITIONAL DRILLING DATA

### PLUMBUSH PROSPECT Mullaquana Uranium Project Eyre Peninsula, South Australia

In response to shareholder enquiry, UraniumSA is able to provide an amended Figure 1 to its release earlier today (below) which shows the directions in which mineralisation remains open. Exploration drilling to delineate this mineralisation will recommence in 2011.



**Figure 1. Drill Hole Location Plan. Mullaquana Project**

**Mineralisation remains open in the direction of the blue arrows**

View north, 1km square graticules. Red stars - holes reported herein. Black dots – holes previously reported.

## 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 eU<sub>3</sub>O<sub>8</sub> with an estimated 12,700t contained U<sub>3</sub>O<sub>8</sub>. 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.*