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AUSTRALIAN SECURITIES EXCHANGE
COMPANY ANNOUNCEMENTS PLATFORM
ASX CODE: USA

URANIUM METALLURGY

Mullaquana Uranium Project Eyre Peninsula, South Australia

UraniumSA is pleased to advise the market that three papers reporting independently on work involved with the Companies' advances in the recovery of uranium from saline waters were presented to the ALTA Metallurgical Services 2011 Uranium Conference in Perth 26 – 27 May 2011. The ALTA annual conference is a forum for the metallurgical professions in Australia.

Three of the sixteen technical papers presented at the conference referenced work on saline tolerant resins which was first reported to the market in a UraniumSA ASX release dated 21 March 2011.

The papers presented at the Conference and which are now in the public domain were:

What are the Options for an Integrated IX Process to Recover Uranium from Saline and Hypersaline Liquors?

A. Wilson, M. Fainerman-Melnikova & K. Soldenhoff, ANSTO, Australia.

Investigations into the Recovery of Uranium from Liquors Containing High Chloride Concentrations from an IX Perspective.

Areski Rezkallah & Cushla Connolly, Water & Process Solutions, The Dow Chemical Company, Australia.

Clean TeQ U-HiSAL™ Process – Extraction of Uranium from Acidic Saline Environments.

John Carr, Tony Chamberlain & Nikolai Zontov, Clean TeQ Ltd, Australia

Additionally, a paper presented to the parallel conference on nickel-copper-cobalt metallurgy by IBC Advanced Technologies Inc. also referred to the application of its products in the UraniumSA project.

UraniumSA is very pleased to see this independent third party information in the public domain providing positive commentary on the advances that have been made in the extraction of uranium from saline solution.

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.

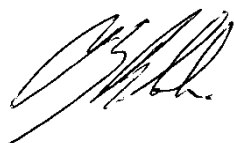
The Company has discovered sediment hosted uranium mineralisation within its Mullaquana Project, 20km south of the industrial city of Whyalla on the eastern Eyre Peninsula.

The inventory of sediment-hosted uranium mineralisation in the Blackbush and Plumbush deposits within the Mullaquana project is some 19,050 tonnes of U_3O_8 (equivalent to approximately 42 million pounds). The Blackbush deposit is being advanced towards the commencement of a field trial for an in-situ recovery operation with a production objective of late 2012 to early 2013.

Continued drilling of the Plumbush deposit will grow the resource base and updated estimates will be released during 2011.

The Company has recently discovered significant thickness and grades of uranium mineralisation in the granite basement which underlies the sediment-hosted mineralisation at Blackbush. Laboratory studies to understand the genesis of this mineralisation and to develop exploration targeting criteria are underway.

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 and mineral resources reported herein, insofar as they relate to mineralisation, are based on information compiled by Mr Russel Bluck, Managing Director, UraniumSA Limited who is a Member of the Australian Institute of Geoscientists and has 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.