



Roxby Downs Sun  
Thursday 25/8/2011  
Page: 15  
Section: General News  
Region: Port Augusta SA  
Circulation: 523  
Type: Not available  
Size: 372.76 sq.cms.  
Published: ---T---

Bin: 0000  
Brief: URANIUMSA  
Page 1 of 1

# UraniumSA begins production

UraniumSA has advised that a uranium yellowcake product has been produced in the laboratory from mineralisation taken from the Blackbush deposit in the company's wholly owned Mullaquana uranium project in Whyalla.

A bulk core sample from the Blackbush deposit was leached using an acidified seawater solution and the dissolved uranium was then recovered from the leach solution using two different resins.

The two resins were then separately stripped of uranium and a yellowcake product precipitated.

The resulting uranium yellowcake product is high grade

containing 85 per cent uranium metal.

It is within general commercial specification and has minimal off-target contamination (results attached as Table 1).

As previously reported, UraniumSA has identified a number of resins which have demonstrated a capacity to extract uranium from acidified seawater solutions at potentially commercial loading rates.

In the presently reported work, two resins of the six presently being evaluated were fast track tested to establish elution and precipitation regimes for more comprehensive testwork.

During this test work, there was no significant loading of the resins by off-target elements.

The uranium was stripped from the resins using conventional reagents and methods and a peroxide product precipitated.

The metallurgical process tested and reported herein is a bench scale replication of the process being developed for use at the Blackbush deposit.

Colum leach trials are presently in progress and the leach liquors from those trials and leach liquors from bottle roll leaches will be used to replicate these results.



**CHECK:**UraniumSA's Michael Moore checking hydrogeology monitoring bores at Blackbush.