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The Manager  
Company Announcements Office  
Australian Stock Exchange  
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SYDNEY NSW 2000

**ASX ANNOUNCEMENT**

## **UXA COMPLETES PURCHASE OF HIGH-TECH MINING SERVICES COMPANY, GEOSCIENCE ASSOCIATES**

### **Acquisition provides UXA with a strong cashflow supporting its ongoing exploration activities**

Uranium Exploration Australia Limited (ASX: UXA) is pleased to announce that it has completed the purchase of 100% of the assets and business of Geoscience Associates (Australia) Pty Ltd (GAA), a well established profitable borehole logging business.

The GAA acquisition immediately transforms UXA into a diversified mining services and exploration company, with a stronger balance sheet and enhanced growth potential.

Commenting on the acquisition, Russell Penney, Managing Director of UXA said "The purchase of GAA represents a significant step forward for UXA and its development, with the immediate benefit of providing UXA with a strong cashflow which will help fund its ongoing uranium exploration programs.

"Given that GAA's unique services are becoming increasingly popular within the domestic uranium, coal seam gas and coal exploration sectors, UXA anticipates high growth in revenues going forward."

The Company recently completed a program of capital raising through a Placement and very successful Share Purchase Plan ('SPP'), together raising \$8.66 million which provided funding for the completion of the GAA deal and funds for exploration and working capital (see ASX releases on 10<sup>th</sup> August and 23<sup>rd</sup> September 2009).

### **GAA holds exclusive rights to Prompt Fission Neutron technology**

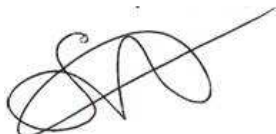
Geoscience Associates Australia Pty Ltd (GAA) is a geophysical logging company located in Mount Barker, South Australia. GAA has been providing a full range of commercial wire-line logging services to the mining and exploration sectors, principally focused on uranium, and more recently on coal and coal seam gas, throughout Australia since 1971. GAA is the sole distributor for Prompt Fission Neutron (PFN) technology in Australia and the only provider of commercial PFN logging services in Australia. The acquisition includes management and a team of highly skilled professionals with a broad range of borehole logging expertise. The borehole logging business will continue to operate as Geoscience Associates (Australia) Pty Ltd, held as a 100% owned subsidiary company and will continue to operate independently with regards to the preservation of confidential information of GAA's clients.

The purchase price paid on settlement, which took place yesterday, was \$5.3 million (including asset register adjustments) together with five million UXA shares issued to the owner.

## UXA remains committed to uranium exploration

UXA remains committed to its primary goal of discovering an economic uranium deposit and will continue to explore for uranium in Australia and overseas. The Company is currently focused on advancing its recently announced discovery of an outcropping zone of uranium mineralisation at Crystal Creek (Ngalia Thrust licence) in the Northern Territory. The uranium bearing structure is over 3,000m long, up to 12m wide and returned rock chip geochemical values up to 4,200 ppm U<sub>3</sub>O<sub>8</sub> (ASX Announcement 27<sup>th</sup> August 2009). The Company has recently completed an airborne geophysical survey (ASX release 23<sup>rd</sup> September 2009) and is undertaking a field program of mapping and geochemical sampling, and a drilling program is expected to commence later this month subject to heritage clearances being completed.

***For further information, contact.***



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*Technical Information in this report is based on information compiled by Mr Simon Powell who is employed by Uranium Exploration Australia Limited and who is a Member of The Australasian Institute of Mining and Metallurgy. Mr Powell has sufficient exploration experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves' ("JORC 2004"). Mr Powell consents to the inclusion in this release of the matters based on his information in the form and context in which it appears.*

### **About UXA**

Uranium Exploration Australia Limited was formed to explore for and develop uranium and associated base and precious metal deposits, focusing principally on its ground holdings in the world class uranium provinces in South Australia and Northern Territory. UXA has an exploration joint venture with RIL Australia Pty Ltd, a subsidiary of Reliance Limited, the largest private sector company in India.

In July 2009 UXA announced the discovery of uranium mineralisation in a 3,000m long structure within granite at Crystal Creek, on its Ngalia Thrust exploration licence in the Northern Territory. UXA is vigorously following up this discovery with field work.

UXA has completed the purchase of the assets and business of the borehole logging company, Geoscience Associates (Australia) Limited (GAA). GAA will continue to operate as a separate business and provide cash flow for UXA's exploration activities. GAA also has the sole distribution rights to the Prompt Fission Neutron device, a specialised tool for directly measuring the content of uranium in boreholes, thereby overcoming the problem of disequilibrium.

More information on UXA can be found on our website at [www.uxa.com.au](http://www.uxa.com.au)