



ABN 61 119 966 353

Level 2, 7 Havelock Street
West Perth WA 6005
Telephone: +61 8 9481 2344
Facsimile: +61 8 9481 5929

16 June 2009

ASX RELEASE

GARDINER-TANAMI PROJECT UPDATE PLANS TO COMMENCE WA DRILLING AND EXPAND IN THE NT

Northern Uranium Limited (ASX: NTU) is pleased to announce plans to re-commence on-ground exploration activities on the Company's 100% owned Gardiner-Tanami project in northern Australia.

The proposed activities will include diamond drilling to test the priority Oracle-Soma and Lewis Creek North uranium targets in Western Australia (WA). The Company is also progressing expansion of the project in the Northern Territory (NT) where contiguous tenements covering about 5,000km² are expected to be granted later in 2009 (Figure 1).

Northern Uranium Executive Chairman Mr Kevin Schultz said the broad-based revival in commodity prices and the interest being shown by the capital markets in exploration companies was supportive for the further development of the Company's uranium tenements.

"We expect to be able to take advantage of the current dry season and drill our highest priority target areas, starting in the next quarter," Mr Schultz said. "All statutory approvals are in place, and drilling contractors are available."

The Gardiner-Tanami project covers an area of approximately 10,000km² centred on the WA-NT border 200km southeast of Halls Creek. Northern Uranium has been exploring for unconformity-related uranium deposits in the area since 2007 with French nuclear group Areva NC subsidiary, Afmeco Mining and Exploration Pty Ltd (Afmex) as the project operator.

"Exploration to date has been focused on pinpointing the highest quality targets using a 'whole of project' approach. This reflects Areva's experience and success in Canada within the Athabasca Basin which hosts the world's highest grade unconformity-related uranium deposits," Mr Schultz said.

The Gardiner-Tanami area is also compared favourably with the Alligator Rivers region in the NT where the Ranger mine, Australia's largest operating uranium mine, is located.

DRILL TARGETS IN WESTERN AUSTRALIA

- **Oracle-Soma**
 - current highest priority target area in the vicinity of "The Don" prospect (1980s primary uranium-gold discovery 5km to the east in an adjacent tenement)
 - extensive surface uranium radiometric anomalies coincide with VTEM conductors in a geological setting similar to the setting of Ranger.
- **Lewis Creek North**
 - extensive surface uranium radiometric anomalies and several VTEM conductors on favourable structures at or near the Gardiner Sandstone unconformity
 - primary uranium mineralisation was discovered in the 1980s at Mt Mansbridge 2km to the east in an adjacent tenement.

5,000 KM² NORTHERN TERRITORY EXPANSION

Northern Uranium is also progressing plans for a significant expansion of the Gardiner-Tanami exploration program in the NT.

Exploration to date has concentrated on granted tenements in WA, with progress in the NT, outside of land under pastoral leases, requiring finalisation of negotiations with Aboriginal freehold land holders and the Central Land Council (CLC). A draft Exploration Deed submitted by the CLC is currently being considered by the Company.

The negotiations are expected to be concluded during the second half of 2009, following which about 5,000km² of contiguous tenements can be granted. The tenements cover a number of known uranium prospects/occurrences that were discovered in the 1970s and 1980s by companies such as PNC Exploration (Australia) Pty Ltd (PNC) and Otter Mines NL (Otter).

PNC found uranium mineralisation on a prospect referred to as Area 20, and rock-chip samples from costeans returned assays of up to 1.5% uranium. Follow up included shallow RAB drilling and two diamond drill holes, one of which intersected black, graphitic shale at 40m depth. The uranium mineralisation in the area, together with the existence of graphitic/carbonaceous shales and its proximity to the interpreted sandstone unconformity, makes Area 20 a very attractive target requiring follow-up. PNC did not continue its exploration in the 1980s due to budgetary constraints.

Several other radiometric anomalies have been outlined to the south and southwest of Area 20, with limited shallow drill testing and surface sampling completed. These areas remain as targets for unconformity-related uranium discovery.

On another prospect, Boulder Ridge, discovered by Otter in the late 1970s, anomalous rock-chip samples up to 0.11% U₃O₈ were collected over several hundred metres of strike. However, most of the area is covered by a thin veneer of transported soils, which discouraged further work at a time of declining interest in uranium by exploration companies.

INVESTOR INFORMATION

Principal Office:

2nd Floor, 7 Havelock Street
West Perth WA 6005
PO Box 669
West Perth WA 6872
Tel: 08 9481 2344
Fax: 08 9481 5929

Email: info@northernuranium.com.au

Web: www.northernuranium.com.au

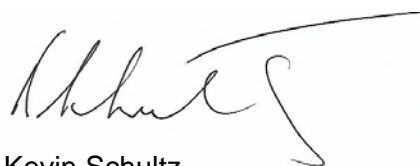
Capital Structure:

Share Price (NTU): \$0.25c
Issued Shares: 50.6m
Market Cap: \$12.65m

Company Management:

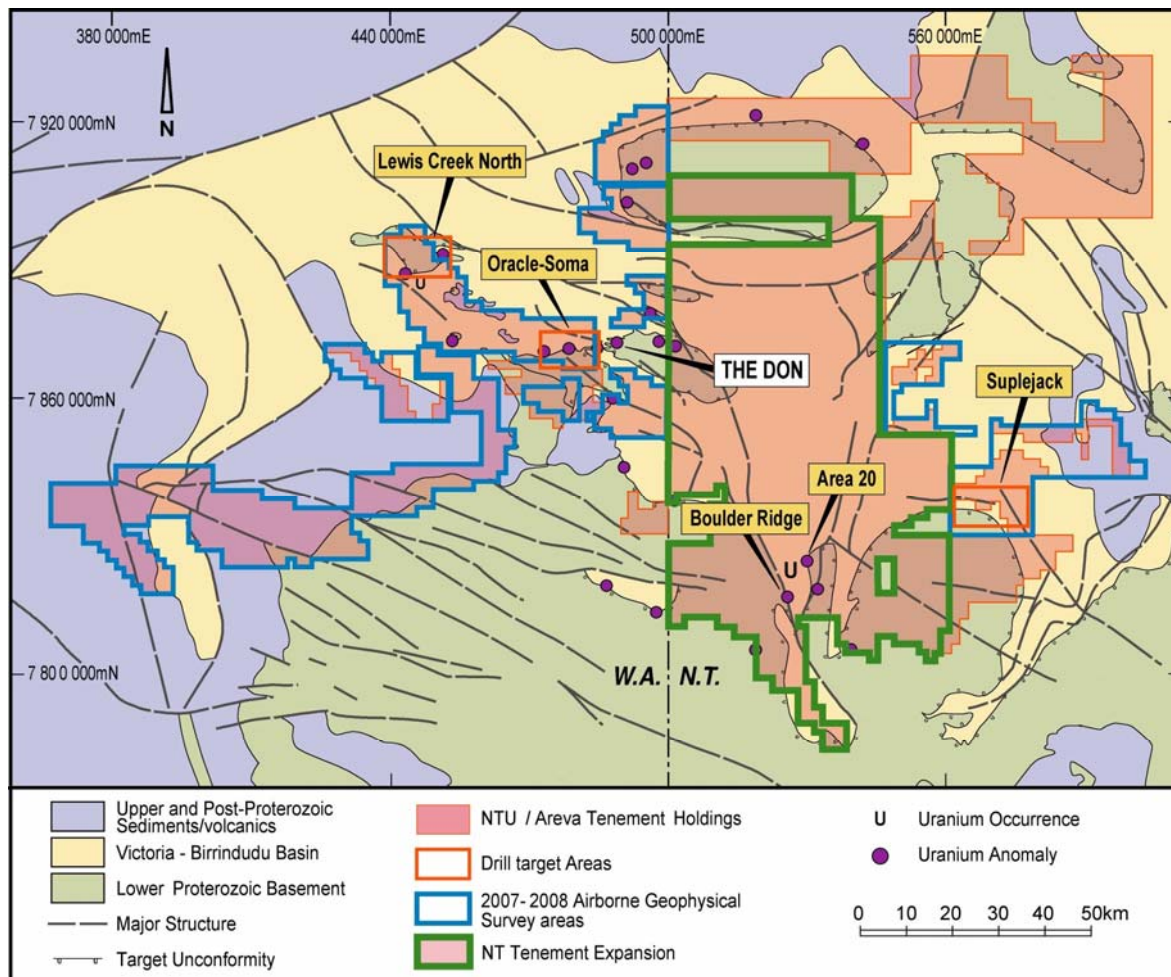
Kevin Schultz – Executive Chairman
Adrian Griffin - Non executive Director
Bob Hair - Non executive Director
Colin McCavana - Non executive Director
Philippe Portella - Non executive Director
Robin Wilson – General Manager

For and on behalf of
NORTHERN URANIUM LIMITED



Kevin Schultz
Executive Chairman

Figure 1
GARDINER-TANAMI PROJECT
GEOLOGY, TENEMENTS, GEOPHYSICAL SURVEY COVERAGE AND TARGETS



Competent Person Declaration

The information in this report accurately reflects information prepared by competent persons (as defined by the Australasian Code for Reporting of Mineral Resources and Ore Reserves). It is compiled by Mr K Schultz, an employee of the Company who is a Fellow of The Australasian Institute of Mining and Metallurgy with the requisite experience in the field of activity in which he is reporting. Mr Schultz has sufficient experience which is relevant to the style of mineralisation and the 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". Mr Schultz consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.