

## DELTA URANIUM REPORTS ADDITIONAL GEOCHEMICAL RESULTS FOR THE BEE LAKE URANIUM OCCURRENCE

December 18, 2007

TSX-V: DUR

Toronto, Ontario - Delta Uranium Inc. ("Delta" or the "Company") (TSX-V: DUR) is pleased to announce that additional geochemical results have been received for the Bee Lake uranium occurrence, which forms part of the Company's 100% owned Kenora Uranium Project in Northwestern Ontario. Results for the 44 geochemical samples, comprising six channel sample intervals, returned uranium values ranging up to 0.085% U<sub>3</sub>O<sub>8</sub> (1.7 lbs U<sub>3</sub>O<sub>8</sub>). The channel samples were taken on a second pegmatite dyke located approximately 40 metres south of the main Bee Lake occurrence, for which geochemical results returning up to 0.30% (6 lbs U<sub>3</sub>O<sub>8</sub>) were announced previously (see press release November 20, 2007).

The pegmatite is mineralogically similar to the main dyke and has been sampled over widths of up to 8.5 metres. Results from the southern dyke indicate that the Bee Lake occurrence is comprised of a system of pegmatite dykes, and may be much broader than originally thought. As a result, exploration in the area has been expanded to incorporate the new findings and target additional dykes in the system.

### **Channel Samples Return up to 1.7 lbs/ton U<sub>3</sub>O<sub>8</sub>**

The six channel samples, taken over widths ranging from 2 to 8.5 metres, returned the following average grades:

Location	Channel	Interval (m)	Range U <sub>3</sub> O <sub>8</sub> (%)	% U <sub>3</sub> O <sub>8</sub>	lbs/ton U <sub>3</sub> O <sub>8</sub>
Bee Lake	Bee 7	2.0	0.01-0.085	0.04	0.8
		0.5		0.085	1.7
Bee Lake	Bee 8	2.0	0.01 - 0.01	0.01	0.2
Bee Lake	Bee 9	8.5	0.01 - 0.05	0.01	0.2
		0.5		0.05	1.0
Bee Lake	Bee 10	5.0	0.01 - 0.03	0.01	0.2
Bee Lake	Bee 11	2.0	0.01 - 0.05	0.025	0.5
		0.5		0.05	1.0
Bee Lake	Bee 12	2.5	0.01 - 0.01	0.01	0.2

As with the main pegmatite, the mineralization in the southern dyke also shows a strong association with molybdenum, with values up to 0.05% (1.0 lbs/ton Mo).

The southern pegmatite is poorly exposed and channel samples were taken over a limited area. Given the encouraging results, the Bee Lake zone will be the site of a winter drilling program that is expected to begin in early January, 2008.



To date, results have been received for twelve (12) channel sample intervals taken on two separate dykes, 40 metres apart, in the Bee Lake area. The main pegmatite dyke has been tested over 200 metres along strike and 20 metres width, while the new southern dyke was tested over an exposed width of 8.5 metres. Geochemical results for the sample intervals show significant uranium mineralization with individual samples containing up to 0.30% U<sub>3</sub>O<sub>8</sub> (6 lbs/ton U<sub>3</sub>O<sub>8</sub>) and 0.085% U<sub>3</sub>O<sub>8</sub> (1.7 lbs/ton U<sub>3</sub>O<sub>8</sub>) for the main and southern dykes, respectively. The sample results represent only preliminary data received to date, and additional samples will be released as they are received. The geochemical and radiometric surveys have confirmed that the Bee Lake uranium occurrence is comprised of multiple dykes that can be traced continuously over strike lengths significantly greater than shown by previous workers.

Wayne Isaacs, CEO of the Company states that, “The Bee Lake zone is proving to be much more important to the Kenora Project than initially thought. Preliminary exploration has already shown us that the Bee Lake uranium mineralization is more continuous, wider and potentially higher grade than historical results indicated. As a result we will be advancing the project to the drilling stage and beginning this program early in the New Year.”

### **The Bee Lake Occurrence**

The Bee Lake occurrence is located in Tustin Township and was discovered in the early 1950's. The property has seen extensive exploration in the form of magnetometer and scintillometer surveys, trenching and limited diamond drilling.

Radioactive mineralization is associated with an irregular pegmatite mass that has a historically reported thickness of up to 30m and length of 820m. The pegmatite is in contact with intermediate to mafic metavolcanics, to the north of the mineralized pegmatite and gneissic granodiorite of the Feist Lake Pluton to the south. The pegmatite is coarse grained and composed of pink microcline and quartz, with minor amounts of biotite and hornblende, and rare molybdenite.

To the southeast of the Bee Lake occurrence is the Petursson Lake uranium showing, which has been interpreted to represent a strike extension of the Bee Lake Zone. Dimensions of the radioactive zone have been historically reported in excess of 400m in length and up to 10m wide. Historical results for this zone include up to 42 lbs/ton U<sub>3</sub>O<sub>8</sub> in grab samples taken in the pegmatite.

Current exploration by Delta suggests that the Bee Lake-Petursson Lake Zone does in fact represent a continuous section of pegmatite-hosted mineralization, and that the potential dimensions are larger than previously thought. Future exploration will be designed to confirm this interpretation through further surface sampling and the commencement of diamond drilling.

### **About the Kenora Project**

The Bee Lake occurrence is one of 42 known historical occurrences that occur within Delta's 100%-owned Kenora Uranium Project. The Kenora Uranium Project is comprised of 163 claims covering a total of 29,680 hectares located approximately 30 km east of the town of Kenora in Northwestern Ontario. Delta's property hosts an unusually large number of uranium occurrences, which coincide with a large uranium anomaly in lake-bottom sediments.



The Kenora properties are considered to have significant potential to contain uranium deposits as known basement rocks (leucogranitic peraluminous bodies) are favourable uranium hosts; and previous exploration has shown ubiquitous uranium mineralization, including one area which has seen limited mining development. In addition, the numerous unexplored airborne radiometric and geochemical anomalies identified by the current exploration program indicate a greater potential than was originally thought for the area.

### **Qualified Person**

Exploration on the Company's Kenora Project is conducted under the supervision of David Palmer, Ph.D., P.Geo. (ON), a Qualified Person as defined under National Instrument 43-101. Dr. Palmer has read and approved this news release. All samples were sent to Accurassy Laboratories in Thunder Bay, Ontario for analysis.

### **About the Company**

Delta Uranium Inc. is engaged in the exploration of uranium in Canada. The Company recently completed the acquisition of its 100% owned Kenora Uranium Project and holds 100% interest in over 70,000 hectares of additional uranium properties in Ontario. Delta completed a non-brokered private placement raising gross proceeds of \$8,833,000 on November 9, 2007 and its common shares commenced trading on the TSX Venture Exchange on November 14, 2007.

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*The TSX Venture Exchange Inc. has not reviewed and does not accept responsibility for the adequacy of this news release.*

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