



## Delta Uranium discovers Rare Earth Mineralization at Kenora

June 1, 2010

TSX-V: DUR

Toronto, Ontario - **Delta Uranium Inc. (TSX-V: DUR)** ("**Delta**" or the "**Corporation**") is pleased to announce that rare earth element ("REE") mineralization has been discovered on the Company's 34,500-hectare Kenora property in northwest Ontario. Grab samples collected primarily to determine their uranium content have given REE analyses that range up to a maximum estimated total rare earth oxide ("TREO") of 0.34 percent.

During the summer of 2008, Delta crews collected thousands of grab samples of pegmatitic granite from the Kenora property, which extends for 45 kilometres between Kenora and Vermilion Bay. In addition to being assayed for uranium, the first 828 samples were sent for multi-element analysis by neutron activation. Eight of the lanthanide rare earth elements are included in this analytical package. Samples with anomalous REEs tended to have low uranium and higher thorium contents; hence no follow-up work was done on these mineralized occurrences.

With the recent interest in rare earths, Delta has re-examined the analytical data and identified thirteen grab samples with estimated TREO contents of 0.1% or more, with a maximum of 0.34%.

Wayne Isaacs, CEO and Chairman of Delta stated: "These rare earth discoveries present a completely new and exciting exploration potential for our Kenora assets, and we are going to seize the opportunity and re-evaluate the entire property. REEs tend to be associated with thorium, and since we were primarily looking for uranium, we haven't even touched the most promising targets. REE mineralization is also difficult to spot visually, therefore the property is essentially untouched, for its REE potential and wide open for exploration."

Delta plans an aggressive campaign of prospecting, mapping and sampling to identify the most favourable REE targets on the Kenora property, which will then be evaluated by diamond drilling. The main priority of the Company however, is to continue its exploration activities on its Wheeler River properties in the Athabasca Basin.

### **Qualified Person**

Technical information in this news release has been prepared and/or revised by Colin Bowdidge, Ph.D., P.Geo., VP Exploration, Director and Qualified Person as defined in NI 43-101 for Delta.

*Analyses quoted in this news release are geochemical analyses performed at ActLabs in Ancaster, Ontario using instrumental neutron activation analysis (INAA). Eight lanthanide rare earths were analyzed: lanthanum, cerium, neodymium, samarium, europium, terbium, ytterbium and lutetium. Inter-element ratios for these eight lanthanides are consistent with the REEs being contained in monazite. By using typical element ratios for monazite, it is possible to estimate the remaining six REEs and hence total rare earth content, expressed as oxide (TREO).*

### **About Delta Uranium Inc.**



Delta Uranium is a TSX-V listed Canadian exploration company actively engaged in the acquisition, evaluation and exploration of uranium mineral properties in northeastern and northwestern Ontario, Athabasca Basin and Western Newfoundland, Canada.

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*The TSX-V has not reviewed and does not accept responsibility for the adequacy of this news release.*