

Outer Ring Sampling Program

In December 2009, Uravan Minerals Inc. (“Uravan”) acquired the Outer Ring mineral dispositions in the Pasfield Lake area of the Athabasca Basin of Northern Saskatchewan [Press Release dated December 9, 2009]. The Outer Ring property consists of four (4) mineral dispositions totalling 16,651 hectares (41,145 acres) and represents Uravan’s first step to obtain a major land position in this uranium endowed district.

In early July 2010, a multifaceted surface geochemical survey was completed over the Outer Ring property. The sampling program was designed to evaluate the most probable location of buried uranium mineralization versus targeting blind conductors. Although some of the multimedia samples collected are conventional (soils and vegetation), the protocols developed for sample preparation, multi-element analysis, and isotopic investigations are distinct and innovative. The Outer Ring geochemical remote sensing program will capitalize on the results and techniques developed from a similar recent geochemical remote sensing study by QFIR (Queen’s Facility for Isotope Research) and Uravan on the Cigar West uranium deposit (Cigar West Survey) [Press Release dated May 19, 2009, and a complementary study by CAMIRO].

The analytical results from the Outer Ring geochemical program are scheduled to be completed by mid September 2010. It is anticipated that additional sampling over specific areas of interest will be required to complete the evaluation. The compilation and interpretation of the analytical database will be completed in late 2010. Conditional on positive results from the geochemical survey, a diamond drill program to test specific surface anomalies indicative of uranium mineralization at depth will commence in early 2011.

The Outer Ring geochemical survey will also be the focus of a new collaborative research study between QFIR and Uravan. This new research study will capitalize on recently developed innovative geochemical protocols for imaging undercover uranium deposits in the Outer Ring area and will develop new protocols for more reliable and definitive indicators of mineralization at depth in this area that are applicable to all basin-related uranium deposits.

Additional land acquisitions by Uravan in the Athabasca Basin are anticipated in the near future.

The Queen’s Facility for Isotope Research (QFIR) at Queen’s University, Ontario is a state-of-the-art research facility, comprising a group of highly experienced research geochemists. The QFIR lab contains some of the most technologically advanced analytical equipment in Canada. Under the direction of Dr. Kurt Kyser, the QFIR research team is working collaboratively with Uravan’s technical group to develop new exploration technologies using applied research.

In addition to the QFIR research team, Dr. Colin Dunn, an independent specialist in biogeochemistry, is working closely with Uravan’s technical group and QFIR to advance the interpretation of biogeochemical results. Dr. Kurt Kyser and Dr. Colin Dunn are key technical advisors for Uravan.

Uravan is a Calgary Alberta based R&D mineral exploration company specializing in developing new uranium exploration technologies. Our vision is to get to discovery faster and more cost effectively in under-explored frontier areas. Uravan is pursuing exploration for potential high-grade unconformity-related uranium deposits in the Athabasca and Thelon Basins in Canada and other basin environments globally. Uravan is a publicly listed company on the TSX Venture Exchange under the trading symbol UVN. All of the mineral properties Uravan owns are considered in the exploration stage of development.

This press release may contain forward looking statements including those describing Uravan’s future plans and the expectations of management that a stated result or condition will occur. Any statement addressing future events or conditions necessarily involves inherent risk and uncertainty. Actual results can differ materially from those anticipated by management at the time of writing due to many factors, the majority of which are beyond the control of Uravan and its management.

For further information please visit our website: www.uravanminerals.com