

Bayswater Begins Exploration at Boiteau Lake in Central Mineral Belt, Labrador

Vancouver, BC, July 21, 2009 — Bayswater Uranium Corporation (TSX-V: [BAY](#)), (OTC: [BYSWF](#)) is pleased to announce that it has commenced a six week exploration program on its 100% owned Boiteau Lake Uranium Project located in the Central Mineral Belt of Labrador. A nine man field crew has been mobilized to the work area to evaluate several priority uranium targets identified by prospectors late in the 2008 field season. A detailed exploration program including grid establishment, detailed geological mapping, soil geochemistry, ground geophysics, scintillometer surveys and prospecting will be carried out over the highest priority areas. The objective of the program is to evaluate the potential of these targets for future drill testing.

The Boiteau Lake Trend represents one of several high priority targets identified by Bayswater during 2008 requiring detailed ground follow-up. Highlights from the Boiteau Lake Trend include the identification of four outcropping uranium showings from which 23 of 28 rock samples collected returned values greater than 0.10% U₃O₈ and up to 0.723% U₃O₈. A description of the Boiteau Lake Uranium Trend has been provided in previous news releases dated November 18, 2008, March 9, 2009 and June 23, 2009.

The Company acknowledges and thanks the Newfoundland Department of Natural Resources for funding towards the Boiteau Lake Project through its Junior Exploration Assistance Program.

Bayswater's exploration activities are conducted under the supervision of George M. Leary, M.Sc. P. Eng. (BC), President of the Company, and Victor Tanaka, B.Sc. P.Geo. (B.C.), Chief Operating Officer of the Company. Both are qualified persons under NI 43-101. George Leary is the qualified person responsible for the technical information in this news release.

About the Labrador Central Mineral Belt

The Central Mineral Belt of Labrador, Canada, located approximately 135 kilometers north of Goose Bay, has a long history of uranium and base metals exploration. Uranium was first discovered in the belt in the 1950's. With further exploration in the 1960's and 1970's and rising uranium prices, exploration in the region increased significantly and several uranium deposits were discovered including the Kitts, Michelin, Inda, Nash, Rainbow and Moran Lake deposits by Brinco. Today, exploration activity in the region is highlighted by resource drilling at the Michelin and Jacques Lake deposits by Fronteer Development Group Inc. (TSX: FRG) and at the Moran Lake deposit by Crosshair Exploration & Mining Corp. (TSX-V: CXX). Collectively, over 145 million pounds of NI 43-101 compliant uranium resources have been reported in the Central Mineral Belt by various companies, a figure that is expected to increase significantly in the coming years through increases to existing resources, as well as from new uranium discoveries. Bayswater Uranium is the largest landholder in the Central Mineral Belt with interests in about 532,000 acres in the heart of the belt. At the end of the 2008 field season, Bayswater discovered several new uranium targets, including a 5 km uranium trend at Boiteau Lake, with sample values up to 0.72% U₃O₈. Further information on the Central Mineral Belt is available at <http://www.bayswateruranium.com/projects/cmb.html>



About Bayswater Uranium Corporation - The Super Junior Uranium Company™

Bayswater Uranium Corporation is an international uranium exploration and development company. The Company owns several advanced uranium properties in the United States with significant historical resources that may be amenable to ISR and/or conventional mining. As well, Bayswater is the only uranium company to have major landholdings in each of Canada's most important producing and exploration regions - the Athabasca Basin, the Central Mineral Belt, and the Thelon Basin. Bayswater combines a balanced portfolio of advanced and exploration projects with the uranium expertise of its technical and managerial teams. To capitalize on current market conditions and strong growth of the nuclear industry, the Company is pursuing acquisition opportunities of advanced-stage uranium projects with near-term production potential. Bayswater's vision is to build a major international uranium company. Shares of the Company are listed on the TSX Venture Exchange under the symbol "BAY". For further information visit www.bayswateruranium.com.

On behalf of the Board of:

BAYSWATER URANIUM CORPORATION

George M. Leary
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