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STRATECO BUYS BACK THE 2% NSR ROYALTY ON THE MATOUSH PROPERTY

Boucherville, December 20, 2012 - Strateco Resources Inc. ("Strateco") is pleased to announce that it completed the buyback today of the 2% NSR royalty on production from its Matoush property.

Strateco paid Ditem Exploration Inc., the owner of the royalty, CA \$1 million. In the current challenging financial context, this 2% buyback allows Strateco to consider non-equity modes of financing.

Strateco owns 100% of the Matoush uranium property, located in the Otish Mountains of Quebec. The Matoush project is considered one of the highest-grade uranium projects in the world. The Matoush mineral resource update memorandum by Roscoe Postle Associates Inc. dated December 3, 2012, indicates that the project contains an estimated indicated resource of 586,000 tonnes grading 0.95% U₃O₈ containing 12.33 millions pounds of U₃O₈ and an estimated inferred resource of 1.69 million tonnes grading 0.44% U₃O₈ containing 16.44 million pounds of U₃O₈.

This press release has been reviewed and approved by Jean-Pierre Lachance, Geo., Executive and Exploration Vice President of Strateco and a qualified person as defined in National Instrument 43-101. Mr. Lachance supervised the preparation of the information that forms the basis for the technical information and approved the information contained herein.

This news release contains forward-looking statements subject to certain risks and uncertainties. There can be no assurance that these statements will prove to be correct. Actual results and future events could differ significantly from those implied by such statements. These risks and uncertainties are discussed in the annual report filed with the securities commissions of British Columbia, Alberta, Ontario and Quebec.

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