



STARFIELD RESOURCES INC.

NEWS

Starfield Resources Inc. Announces Completion Of 2009 Flow-Through Financing

TORONTO, Ontario – January 4, 2010 – Starfield Resources Inc. (“Starfield” or the “Company”) (TSX: SRU) today announced that on December 31, 2009 it completed the sale of 4,761,904 flow-through common shares of the Company (“Flow-Through Shares”) at a price of \$0.105 per Flow-Through Share for gross proceeds of \$500,000 in addition to the \$2.4 million offering of 22,615,732 Flow-Through Shares it completed on December 22, 2009.

About Starfield

Starfield Resources Inc. is an advanced exploration and development stage company. The Company’s primary asset is its Ferguson Lake nickel-copper-cobalt-platinum-palladium property in Nunavut, Canada. Additional assets include a nickel-copper-cobalt-PGE-chrome project in the Stillwater district of Montana with historic copper, nickel, and chromite resources (non 43-101 and not to be relied on); the Moonlight copper project in California with significant NI 43-101 copper resources; and a portfolio of eight gold properties in Nevada.

Starfield has also funded the development of a novel, environmentally friendly and energy efficient hydrometallurgical flow sheet to recover metals from massive sulphides.

Forward-Looking Statements

This news release may contain certain information that constitutes forward-looking statements. Forward-looking statements are frequently characterized by words such as "plan," "expect," "project," "intend," "believe," "anticipate" and other similar words, or statements that certain events or conditions "may" or "will" occur. Forward-looking statements are based on the opinions and estimates of management at the date the statements are made, and are subject to a variety of risks and uncertainties and other factors that could cause actual events or results to differ materially from those projected in the forward-looking statements. These factors include the inherent risks involved in the exploration and development of mineral properties, the uncertainties involved in interpreting drilling results and other geological data, fluctuating metal prices and other factors described above and in the Company's most recent annual information form under the heading "Risk Factors" which has been filed electronically by means of the Canadian Securities Administrators' website located at www.sedar.com. The Company disclaims any obligation to update or revise any forward-looking statements if circumstances or management's estimates or opinions should change. The reader is cautioned not to place undue reliance on forward-looking statements.

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Starfield Resources Inc. investors may also participate in the Company's online community at <http://www.agoracom.com/ir/Starfield>.

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