



NEWS RELEASE

Drilling begins on new discovery at Northern Empire Mine

ROXMARK LAUNCHES AIRBORNE GEOPHYSICAL SURVEY ON LEITCH-SAND RIVER MINE PROPERTY

Toronto, Ontario, August 18, 2009. Roxmark Mines Limited (TSXV–RMK) today announced that it has contracted with Firefly Aviation Ltd. to fly a helicopter-borne High Resolution Aeromagnetic (HRAM) survey over the Leitch-Sand River Mine property. The 1,421 line-kilometre survey with 50-metre spacing is expected to be completed shortly and will assist in the identification of mineralized structures that control known gold mineralization on the property.

Depending on results of the survey, Roxmark plans a diamond drilling program on the property in the winter of 2009/10. The Leitch-Sand River Mine is located 10 kilometres from Roxmark's Northern Empire mill in Beardmore, Ontario and encompasses the Leitch Mine, once Canada's richest.

Operated continuously over a period of nearly 30 years and producing 847,900 oz with an average ore grade of 0.92 ounces per ton, the Leitch Mine was shut down in 1965 as a result of US\$35/oz gold and boundary disputes which Roxmark has eliminated by acquiring the Sand River Mine. At just over 3,000 feet, The Leitch Mine was shallow by the standards of top producers in nearby camps. It never ran out of gold at depth and both ore grade and vein width increased with depth. Mining records of the time record several drill assays of more than two ounces per ton over 2 feet located 100 feet below the 30th level.

At the Northern Empire Mine, the drilling contractor has mobilized the drill rig to begin 3,000 metres of planned drilling. The program is directed to test the new discovery of a high-grade zone identified by the 2008 HRAM survey and exposed by stripping and channel sampling. Positive results to date returned values up to 36.4 g/t of gold. (For more details, please refer to news releases of June 24 and July 23, 2009.)

Peter Bevan, P. Eng., consulting geologist is the Qualified Person for the information contained in this news release and is a Qualified Person within the meaning of National Instrument 43-101.

About Roxmark Mines

Roxmark Mines Limited is the leader in gold and molybdenum exploration and development in the historically significant Geraldton-Beardmore area of Northwest Ontario. In addition to the Hardrock Project in the Geraldton Camp, Roxmark is pursuing a number of initiatives in the Beardmore Camp, including re-opening the Northern Empire Mine and its onsite mill and expanding the resource base at the Leitch-Sand River Mine. In recent years, Roxmark has generated cash flow from bulk-sampled gold and molybdenum processed at its fully-permitted mill and has the advantage of infrastructure from nine formerly highly productive gold mines located on its properties. These mines previously produced nearly four million ounces of gold from high-grade ore but were closed primarily due to boundary issues and dramatically lower gold prices at the time.

Further information is available on the Company's website at www.roxmark.com and on SEDAR under the Company's profile at www.sedar.com.

Forward-Looking Statements

This news release includes certain “forward-looking statements”. Such forward-looking statements involve risks and uncertainties. The results or events predicted in these forward-looking statements may differ materially from actual results or events. Any forward-looking statement speaks only as of the date of this news release and, except as may be required by applicable securities laws, the Company disclaims any intent or obligation to update any forward-looking statement, whether as a result of new information, future events or results or otherwise.

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