

Goldsource Begins Drilling on Saskatchewan Big River Diamond Property

TSX-V: GXS For Immediate Release

VANCOUVER, B.C. June 5, 2006 – Goldsource Mines Inc. (the "Company") announces that it has commenced drilling on its Sturgeon Lake claim block of the Big River Diamond Property in Saskatchewan. The initial drill program totaling approximately 2,500 metres will test geophysical targets generated by a 3,900 line kilometre airborne geophysical survey completed by Fugro Airborne Surveys of Ottawa, Ontario. The survey, which was completed in early February, provided extensive magnetic and electromagnetic geophysical data over approximately 35 percent of the Company's initial land position in Saskatchewan.

The drill program will test high priority geophysical targets that exhibit resistivity signatures generally associated with kimberlite pipes in the Fort à la Corne area as well as kimberlite occurrences identified by previous operators which are supported by the current geophysical data. These holes will serve as confirmation of stratigraphy and help to define the extent and nature of the known kimberlite occurrences. Upon completion of the program the Company will further assess secondary targets consisting of magnetic anomalies without coincident electromagnetic (EM) responses or more subtle EM and magnetic anomalies within interpreted paleo-channels.

The Company controls a 90% interest in the Big River Property which now comprises a contiguous block of claims totalling approximately 458,000 hectares to the northwest of Prince Albert, Saskatchewan.

Mr. Scott Drever, President of Goldsource stated; "Our shareholders expect us to aggressively pursue our mandate to discover another kimberlite field in Saskatchewan. To that end, we will continue this sequence of land acquisition, target identification through airborne geophysics and drilling of the priority targets. Fugro has completed approximately half of an additional 11,825 line kilometre contract to fly three separate areas including most of the Cowan Lake block which is located at the northwest end of the Big River Diamond Property area. Our strong financial position will enable us to follow up any viable targets that are identified by the surveys."

This news release contains forward-looking statements, which address future events and conditions, which are subject to various risks and uncertainties. The Company's actual results, programs and financial position could differ materially from those anticipated in such forward-looking statements as a result of numerous factors, some of which may be beyond the Company's control. These factors include: the availability of funds; the timing and content of work programs; results of exploration activities and development of mineral properties, the interpretation of drilling results and other geological data, the uncertainties of resource and reserve estimations, receipt and security of mineral property titles; project cost overruns or unanticipated costs and expenses, fluctuations in product prices; currency fluctuations; and general market and industry conditions. Forward-looking statements are based on the expectations and opinions of the Company's management on the date the statements are made. The assumptions used in the preparation of such statements, although considered reasonable at the time of preparation, may prove to be imprecise and, as such, undue reliance should not be placed on forward-looking statements.

On Behalf of the Board of Directors of Goldsource Mines Inc.

"J. Scott Drever"

J. Scott Drever, President

The TSX-Venture Exchange has not reviewed and does not accept responsibility for the accuracy or adequacy of this release.

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