



Goldsource Selects Drill Targets For Big River Diamond Property

TSX-V: GXS

For Immediate Release

VANCOUVER, B.C. April 6, 2006 – Goldsource Mines Inc. (the “Company”) is pleased to announce that it has selected 17 drill sites as a follow-up to a 3,900 line kilometre airborne geophysical survey completed on its Sturgeon Lake claim block of the Big River Diamond Property in Saskatchewan. The survey, contracted to Fugro Airborne Surveys of Ottawa, Ontario (“Fugro”) was completed in early February and has provided extensive magnetic and electromagnetic geophysical data over approximately 35 percent of the Company’s initial land position in Saskatchewan.

The Company utilized the services of Dr. Jovan Silic, Ph. D (Geophysics) of Flagstaff GeoConsultants, Australia for on-site supervision of the program and interpretation of the data. The Fugro data gathering system, in conjunction with interpretation using Dr. Silic’s proprietary software has been extremely successful in identifying and delineating kimberlite bodies in the Fort à la Corne area of Saskatchewan.

The Company is seeking approval for an initial program of 17 holes in five separate areas. Three holes will test high priority geophysical targets that exhibit electro-magnetic resistivity (“EM”) signatures generally associated with kimberlite pipes in the Fort à la Corne area. Four of the drill holes will test kimberlites identified by previous operators and 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. The remainder of the drill program will examine secondary targets consisting of magnetic anomalies without coincident EM responses or more subtle EM and magnetic anomalies within interpreted paleo-channels. The Company has confirmed the availability of a drill rig and upon receipt of approvals will commence the program as soon as possible.

The Company has also acquired an additional 186,000 hectares of mineral claims which cover the favourable geologic horizons between its Sturgeon Lake block and its Cowan Lake block to the northwest. 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 the sequence of land acquisition, target identification through airborne geophysics and drilling of the priority targets. We have contracted Fugro to fly an additional 11,825 line kilometres in three separate areas including most of the Cowan Lake block. The Fugro equipment is in Prince Albert and will commence our new surveys almost immediately. Our strong financial position enables us to take this aggressive approach to achieving our goals.”

Prior to the Company’s efforts, the most recent, serious exploration work on the Big River Property was carried out more than 10 years ago. Although the area includes the site of the first discovery of diamonds in Saskatchewan, it has never been systematically explored using current geophysical techniques or applying the extensive knowledge base that has been developed for the kimberlite pipes of the Fort à la Corne area. Work carried out by previous operators on the Sturgeon Lake Claims and immediate area included 5 core and 27 rotary drill holes. Intercepts of kimberlite ranging from 4 metres to 32 metres were reported in 19 holes in four widely separated areas. The two holes for which detailed analyses are available reported recoveries of micro-diamonds and significant indicator minerals from both holes.

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
Goldsourc 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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