



## **Goldsource Drills 126.5 Metre Coal Zone Intercept Completes Winter Program**

TSX-V: GXS      FWB: G5M

**For Immediate Release**

**VANCOUVER, B.C. April 9, 2010** – Goldsource Mines Inc. (“Goldsource” or the “Company”) is pleased to report that it has completed drilling 27 core holes for the winter 2009-10 exploration program at its wholly-owned Border Project (“Border”) located near Hudson Bay, Saskatchewan, Canada which encountered several thick coal zones including 126.5 metres in the Niska 107 deposit. Drilling to date has discovered 17 coal deposits at Border with good potential for additional coal discoveries (see attached map). The winter program also included 5 drill holes on the Ballantyne property as well as 8 holes on the Company's quarry claims in Manitoba.

**Current coal resources at Border**, as established in the Company's NI 43-101 “Technical Report on the Border Coal Property, Resource Estimation” prepared by Moose Mountain Technical Services dated December 24, 2009 and available at [www.sedar.com](http://www.sedar.com), include:

- |                                 |                            |
|---------------------------------|----------------------------|
| • <b>Indicated Resources:</b>   | <b>63.5 million tonnes</b> |
| • <b>Inferred Resources:</b>    | <b>89.6 million tonnes</b> |
| • <b>Speculative Resources:</b> | <b>18.7 million tonnes</b> |

The highlights of the winter program are as follows:

- The most significant coal zone intervals occurred in the Niska sub-basin in holes BD10-119 and BD10-136 with true, aggregate thicknesses of approximately 64.3 metres and 126.5 metres respectively. Two in-fill holes (BD10-124 and 140) were drilled at previously defined Chemong 03 and Pasquia 02 coal deposits which confirmed the significant true aggregate thickness of 74.0 and 53.0 metre coal zone intercepts, respectively.
- Infill drilling has given better definition to the Niska 107 and 108 deposits where the emphasis was on upgrading Inferred Resources to Indicated Resources. A majority of the 89.6 million tonnes of Inferred Resource at Niska are expected to be converted to Indicated Resources.
- Winter drilling identified a new coal deposit at Niska (1 metres) and a second one at Leaf Lake (2 metres). 27 drill holes totalling 3,768 metres were drilled at Border. Fourteen drill holes intercepted aggregate coal zone thicknesses ranging up to 126.5 metres. Those holes that did not intercept coal were generally on the periphery of known coal deposits. Of the 27 holes, 3 were drilled for geotechnical and hydrological data.
- A total of 177 coal samples were sent to Loring Labs in Calgary, Alberta for proximate analyses and additional testing.
- Two geotechnical and one hydrological drill holes were completed, the results of which will be used in the Preliminary Economic Assessment (PEA) that is currently underway.
- Marston Consultants of Calgary, AB and EBA Engineering Consultants (EBA) of Vancouver, BC began the PEA, which is scheduled for completion in the 3<sup>rd</sup> quarter of 2010. Several coal technologies for energy production are under review including clean coal power generation, coal quality upgrading, coal gasification and coal to liquids.
- Environmental baseline work under the direction of EBA has begun with emphasis on collecting data and reporting on results for the PEA.
- Five drill holes totalling 569 metres were completed at the Ballantyne property in Saskatchewan to test airborne geophysical targets. No coal was intercepted in these holes.

- A total of 8 holes were completed at the Pine River property in Manitoba with 2 coal intercepts from 1 to 3 metres thick. Drilling was discontinued pending completion of the consultation process between the Government of Manitoba and First Nations groups regarding the work program.
- Under an agreement with Westcore Energy Ltd. to identify coal targets using Goldsource proprietary geophysical tools, the success criteria set out in the agreement have been satisfied and the Company is entitled to receive, amongst other things, an additional 1 million shares of Westcore and a 25% working interest in Westcore's coal lands in Saskatchewan and Manitoba. Westcore has recently announced the discovery of several significant coal deposits adjacent to the Border property in which Goldsource now has a 25% interest. Please refer to the Company's news release dated December 11, 2009 at [www.goldsourcemines.com](http://www.goldsourcemines.com) for further details of the agreement.

**J. Scott Drever, President stated:** "We believe we were successful in achieving our main goals of converting the Inferred Resources in the Niska deposits to the higher category of Indicated Resources and confirming that we have exceeded the threshold target of 100,000,000 tonnes of Indicated Resources to support a potentially economic operation. The success of Westcore Energy in the area is important to us in growing our resource base as we have now earned a 25% interest in any resources that may develop as a result of their new discoveries."

#### **Summary of Winter Program Coal Intercepts at Border:**

Numbering of the drill holes for this phase of exploration continues sequentially from previous programs beginning at BD09-116. Names of deposits are based on an identifier in the general location and the Areas are designated according to the discovery hole numbers.

Hole ID	From (m)	To (m)	Coal Zone Interval *(m)	Notes
BD10-120	60.5	85.3	24.8	Niska 107 deposit
BD10-121	72.0	111.2	39.2	
BD10-125	71.5	126.0	54.5	
BD10-127	50.0	68.0	18.0	
BD10-133	41.0	80.0	39.0	
BD10-136	56.5	183.0	126.5	
BD10-138	45.0	63.0	18.0	
BD10-119	83.8	148.0	64.3	Niska 108 deposit
BD10-123	107.0	137.0	30.0	
BD10-132	89.0	94.0	5.0	
BD10-135	70.3	80.0	9.7	
BD10-139	80.0	103.0	23.0	
BD10-116	50.0	51.0	1.0	New - Niska 116
BD10-122	92.7	94.6	1.9	New - Leaf Lake 122
BD10-124	86.0	139.0	53.0	Pasquia 2 in-fill hydrology hole
BD10-140	78.0	152.0	74.0	Chemong 3 in-fill hole

\*The coal zone intervals are based on visuals (coal and carbonaceous material) and down hole, e-log density of 1.6 g/cc or less.

Initial identification of the intervals of coal in the table above is based on visual and downhole geophysical characteristics. The Company cautions against placing undue reliance on the visual and downhole survey observations of the coal until the results of the analytical work have been announced. Sampling and laboratory test work has commenced at Loring Labs in Calgary on 177 samples with compiled results anticipated by early June 2010.

Drill holes BD10-117, BD10-118, BD10-126, BD10-128 to 131, BD10-134 and BD10-137 contained no significant coal intercepts. Three engineering holes were completed to initially test geotechnical and hydrological parameters for the PEA.

This current phase of drilling is now completed and all data will be compiled and incorporated into an updated NI 43-101 Technical Report which will include an updated resource model and the results of the PEA which is underway with completion anticipated in late Q3, 2010.

N. Eric Fier, CPG, P.Eng. and Qualified Person for this news release has reviewed and approved its contents.

**Goldsource Mines Inc.** is a Canadian resource company engaged in the exploration and development of Canada's newest coal field in the province of Saskatchewan. The Company has aggressively drilled only a portion of this new thermal coal field and has discovered 17 coal deposits of varying size with coal zone thicknesses up to 126 meters within the permit area of the Border Coal Project. Headquartered in Vancouver, BC, the Company is well financed and is managed by experienced mining and business professionals.

*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 coal permits and mineral property titles; project cost overruns or unanticipated costs and expenses, fluctuations in commodity 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.*

-----  
*"J. Scott Drever"*

**J. Scott Drever, President  
GOLDSOURCE MINES INC.**

Contact: Fred Cooper  
Telephone: (604) 694-1760  
Fax: (604) 694-1761  
Toll Free: 1-866-691-1760 (Canada & USA)  
Email: [info@goldsourcemines.com](mailto:info@goldsourcemines.com)  
Website: [www.goldsourcemines.com](http://www.goldsourcemines.com)  
570 Granville Street, Suite 501  
Vancouver, British Columbia V6C 3P1

Neither the TSX-Venture Exchange nor its Regulation Services Provider accepts responsibility for the accuracy or adequacy of this release.