



## **Goldsource Completes Winter Drill Program At Border; 34 Holes Contain Aggregate Coal Intercepts Ranging From 10 to 100 Meters**

TSX-V: GXS

For Immediate Release

**VANCOUVER, B.C. April 7, 2009** Goldsource Mines Inc. ("Goldsource" or the "Company") is pleased to announce that it has completed the 2009 winter drilling program at the Pasquia, Chemong and Split-Leaf areas of the Border Project ("Border"), located near Hudson Bay, Saskatchewan, Canada. Of the 97 holes drilled at Border to date, 34 contain aggregate coal intercepts ranging from 10 to 100 metres in true thickness and coal was discovered in a total of 44 holes. The program was successful in further defining previously known coal discovery areas and identifying at least three new open-ended areas with coal zone intercepts of up to 45 metres. The tables below show all the significant coal zone and aggregate coal thicknesses intercepted as determined visually and using geophysical logs for the Pasquia, Chemong, and Split-Leaf areas and include those holes reported in previous news releases. Three maps showing the drill locations at Border are attached.

J. Scott Drever, President stated; "We are extremely pleased with the results of our latest drill program at Border. To have encountered substantial coal thicknesses of greater than 10 metres, and up to 100 meters, in so many holes so early in the exploration cycle of this new Canadian coal district bodes well for future drilling programs at Border. A NI 43-101 Technical Report with initial resource estimates for Border is anticipated later this year. With successful results from the Technical Report, a Preliminary Assessment to initially review infrastructure requirements, mineability, washability, coal market tradeoffs and economics will be undertaken in the latter part of 2009. Additional drill programs are also being planned for Border and, subject to permitting, at Ballantyne in Saskatchewan and Pine River in Manitoba. More information regarding these coal exploration programs will be released during the second quarter".

More detailed information including interpretive cross sections and coal quality results from Loring Labs in Calgary for each of the Pasquia, Chemong and Split-Leaf areas at Border will be released on an area by area basis once results have been received and the data is compiled and interpreted.

For the purpose of reporting of visual intercepts the Company has utilized two separate categories – "Coal Zone Interval" and "Estimated Aggregate Coal Thickness". The "Coal Zone Interval" includes all sand and mudstone partings, bright to dull coal and highly carbonaceous sections that may ultimately contain high ash levels. The "Estimated Aggregate Coal Thickness" is the sum of individual coal intervals within the Coal Zone as determined by visual identification of bright to dull coal and identification of obvious coal intervals from down-hole geophysical logs.

### **PASQUIA SUB-BASIN**

The coal in this sub-basin is developing in two areas centered on drill holes BD08-02 and BD08-05 (see attached map and tables below) which intercepted aggregate coal intervals of **22.2 metres and 10.5 metres of bright to dull coal**, respectively, in 2008. All coal intervals presented in the following table are estimated true thicknesses.

▪ PASQUIA BD08-02 AREA

Hole	From (metres)	To (metres)	Coal Zone* Interval (metres)	Estimated Aggregate Coal Thickness**	Note
BD08-02	81.6	105.0	23.4	22.2	Thickness confirmed by analyses, Thermal Coal
BD09-30	79.7	114.50	34.8	34.8	BD08-02 step out of 420m, Bright to Dull Coal Bright to Dull Coal
	124.1	145.0	20.9	20.9	
BD09-64	82.9	136.0	53.1	24.0	With carbonaceous mudstone and sand partings
BD09-69	86.8	142.5	55.7	34.7	With sand partings.
BD09-76	60.2	102.0	41.8	15.9	With carbonaceous sand and sands.
BD09-82	91.4	141.9	50.5	30.1	Poor core recovery – e log picks
BD09-83	73.2	112.0	38.8	25.2	Bright to Dull Coal
BD09-85	79.5	137.6	58.1	47.4	Bright to Dull Coal
BD09-89	57.3	58.6	1.3	1.3	Bright to Dull Coal
BD09-90	56.3	61.4	5.1	5.1	Bright to Dull Coal
<b>Average</b>			<b>38.4</b>	<b>26.2</b>	

\*Visual identification of Coal Zone - contains coal, partings and highly carbonaceous materials.

\*\*Visual identification of bright and dull coal and includes use of down-hole geophysical logs for coal identification.

Drill holes BD09-27, BD09-28, and BD09-76 to BD09-79, drilled in this area but did not intercept any significant coal.

**The BD08-02 Area approximately 1.5 by 1.5 kilometres and may still be open to the west.** These estimated dimensions are based on drilling to date and proprietary geophysical data.

▪ PASQUIA BD08-05 AREA

Hole	From (metres)	To (metres)	Coal Zone* Interval (metres)	Estimated Aggregate Coal Thickness**	Note
BD08-05	78.4	114.45	36.0	10.5	Thickness confirmed by analyses, Thermal Coal
BD09-32	71.7	103.7	34.1	32.2	Bright to dull Coal
BD09-36	52.8	64.5	11.7	3.0	With sand partings Bright to dull coal
	76.8	80.4	3.6	2.9	
BD09-37	96.9	140.2	43.3	15.4	With carbonaceous partings and mudstone Bright to dull Coal
	151.5	162.4	10.9	6.3	
BD09-42	68.5	100.5	32.0	7.9	With carbonaceous mudstone Bright to dull coal
	124.5	133.5	9.0	7.8	
BD09-45	55.2	84.4	29.2	10.3	With carbonaceous mudstone
BD09-46	55.6	81.3	25.7	19.4	Bright to dull Coal
BD09-49	62.5	77.6	15.1	2.2	With carbonaceous mudstone
BD09-52	89.7	92.2	2.5	2.5	Bright to dull Coal
BD09-61	50.5	66.5	16.1	3.97	Bright to dull Coal
BD09-87	111.7	126.0	14.3	12.7	Bright to dull Coal
BD09-91	109.5	159.3	49.8	20.1	With sand partings
BD09-95	88.5	109.9	21.4	1.12	Mostly carbonaceous sand/sandstone
<b>Average</b>			<b>27.2</b>	<b>12.0</b>	

\*Visual identification of Coal Zone - contains coal, partings and highly carbonaceous materials.

\*\*Visual identification of bright and dull coal and includes use of down-hole geophysical logs for coal identification.

Drill Holes BD09-54, 54A, BD09-72 and BD09-75 were drilled in this area but did not intercept any significant coal. BD09-54A was the continuation of BD09-54 after that hole was lost.

**The BD08-05 Area is approximately 2.0 by 1.0 kilometres and may still be open to the northwest.** These estimated dimensions are based on drilling to date and proprietary geophysical data.

### **CHEMONG SUB-BASIN**

The coal in this sub-basin is occurring in three areas centered on drill holes BD08-03, BD08-06 and BD09-20 (see attached map and tables below) which intercepted aggregate coal intervals of **22.6, 21.0 and 44.6 metres of bright to dull coal**, respectively. All coal intervals presented in the following table are estimated true thicknesses except where noted.

#### ▪ **CHEMONG BD08-03 AREA**

Hole	From (metres)	To (metres)	Coal Zone* Interval (metres)	Estimated Aggregate Coal Thickness**	Note
BD08-03	78.9	107.0	28.1	22.6	Thickness confirmed by analyses, Thermal Coal
BD08-03A	80.3	102.4	38.7	22.1	Bright to Dull Coal
BD09-18	46.4	49.6	3.2	2.0	Bright to Dull Coal
BD09-29	96.5	112.5	16.0	15.0	-50° angle hole. Est. true thickness 12 m
BD09-34	109.6	182.2	72.9	72.9	-50° angle hole, Est. true thickness 55m.
BD09-40	108.8	241.4	132.6	115.7	-50° angle hole, Est. true thickness 100m
<b>Average</b>			<b>48.6</b>	<b>47.7</b>	

\*Visual identification of Coal Zone - contains coal, partings and highly carbonaceous materials.

\*\*Visual identification of bright and dull coal and includes use of down-hole geophysical logs for coal identification.

Holes BD09-10, BD09-14, BD09-17, BD09-26 and BD09-61 were drilled in the general area and did not intercept any significant coal.

**The BD08-03 Area is approximately 0.5 by 0.3 kilometres.** These estimated dimensions are based on drilling to date and proprietary geophysical data.

#### ▪ **CHEMONG BD08-06 AREA**

Hole	From (metres)	To (metres)	Coal Zone* Interval (metres)	Estimated Aggregate Coal Thickness**	Note
BD08-06	78.3	112.5	34.2	21.0	Thickness confirmed by analyses, Thermal Coal
BD08-06A	70.5	111.6	41.1	22.4	Thickness confirmed by analyses, Thermal Coal
BD09-13	79.5	126.2	46.7	39.5	Bright to Dull Coal
BD09-24	89.0	136.0	47.0	31.8	Carbonaceous parting, Mostly bright/dull Coal
BD09-43	104.5	159.0	54.5	28.4	-50° angle hole. Est. true thickness 41m. Partings of carbonaceous mudstone.
BD09-47	84.0	108.5	24.5	14.4	- 50° angle hole. Est. true thickness 18m. Sand partings.
<b>Average</b>			<b>41.3</b>	<b>26.2</b>	

\*Visual identification of Coal Zone - contains coal, partings and highly carbonaceous materials.

\*\*Visual identification of bright and dull coal and includes use of down-hole geophysical logs for coal identification.

Hole numbers BD09-11, BD09-14 to BD09-17, and BD09-19 which were previously reported as having no significant coal intercepts were re-examined for possible extension drilling below a depth of 100 metres. Initially, holes BD09-11, 14-17 and 19 were drilled until they intersected limestone thought to underlay the coal zone. The occurrence of one or more limestone beds appear sporadically above the coal and these holes were believed to have stopped prematurely within this limestone unit before reaching the coal zone. This theory was tested with holes BD09-31, BD09-50 and BD09-51 all of which encountered the Devonian limestone and no significant coal zones.

**The BD08-06 Area is approximately 0.5 by 0.3 kilometres.** These estimated dimensions are based on drilling to date and proprietary geophysical data.

▪ **CHEMONG BD09-20 AREA**

This area was newly discovered and resulted from drilling a specific geophysical anomaly.

Hole	From (metres)	To (metres)	Coal Zone* Interval (metres)	Estimated Aggregate Coal Thickness**	Note
BD09-20	95.5	147.4	50.9	44.6	Bright to Dull Coal
BD09-22	74.5	121.5	47.0	29.5	With sandstone and mudstone partings.
BD09-74	63.5	80.3	16.8	10.4	Bright to Dull Coal
BD09-86	57.7	64.0	6.3	4.2	Bright to Dull Coal
BD09-88	49.2	55.0	5.7	0.8	Poor Recovery – e log picks
<b>Average</b>			<b>25.3</b>	<b>17.9</b>	

\*Visual identification of Coal Zone - contains coal, partings and highly carbonaceous materials.

\*\*Visual identification of bright and dull coal and includes use of down-hole geophysical logs for coal identification.

**The BD09-20 Area is approximately 1.0 by 1.0 kilometres and appears to open to the west.** These estimated dimensions are based on drilling to date and proprietary geophysical data.

**SPLIT-LEAF SUB-BASIN**

The Split-Leaf coal discovery was made by drilling a geophysical anomaly with signatures similar to those exhibited by the 2008 discovery holes and numerous other holes which intercepted significant coal intercepts at the Border Project. Hole BD09-73 (see attached map and table below), intercepted thick aggregate coal intervals of **40.2 metres of bright to dull coal**. This discovery is further confirmation that the geophysical techniques and interpretation being used by the Company are successful in identifying coal bearing sub-basins and will continue to be used in identifying other areas for drilling.

▪ **SPLIT-LEAF BD09-39 AREA**

Hole	From (metres)	To (metres)	Coal Zone* Interval (metres)	Estimated Aggregate Coal Thickness**	Note
BD09-39	103.4	114.0	10.6	10.6	New discovery, Bright to Dull Coal
BD09-41	127.7	163.4	35.3	25.5	New discovery, Bright to Dull Coal
BD09-73	117.8	163.0	45.1	40.2	New discovery, Bright to Dull Coal
<b>Average</b>			<b>30.3</b>	<b>25.4</b>	

\*Visual identification of Coal Zone - contains coal, partings and highly carbonaceous materials.

\*\*Visual identification of bright and dull coal and includes use of down-hole geophysical logs for coal identification.

Holes BD09-38, BD09-81 and BD09-84 were drilled in the general area but did not intercept any significant coal.

The BD09-39 Area is approximately 1.0 by 1.0 kilometres and further work is planned for the area. These estimated dimensions are based on drilling to date and proprietary geophysical data.

▪ **SPLIT-LEAF BD09-48 AREA**

This discovery is approximately 12 kilometres southeast of the original discovery in the Chemong area and approximately 6 kilometres southeast of Split-Leaf hole BD09-39 Area and was identified as a potential coal area by airborne geophysics. Hole BD09-48 (see attached map and table below), intercepted aggregate coal intervals of **44.2 metres of bright to dull coal**.

Hole	From (metres)	To (metres)	Coal Zone* Interval (metres)	Estimated Aggregate Coal Thickness**	Note
BD09-48	108.0	117.4	11.3	11.3	New discovery, bright to dull Coal
	133.9	166.8	32.9	32.9	

\*Visual identification of Coal Zone contains both coal and partings.

\*\*Visual identification of bright and dull coal and includes use of down-hole geophysical logs for coal identification.

Holes BD09-53, BD09-67, BD09-68, BD09-70 and BD09-71 were drilled in the area but did not intercept significant coal.

**The potential dimensions of this area are currently undetermined at this time.** Further exploration is planned for this area.

Several other targets were tested in the western portion of the permit area which encountered minor intercepts of coal. A number of priority targets in the western portion of the property remain to be tested as do priority targets to the north and east of the original 2008 discovery area. Once all the results of the current program have been compiled and interpreted, a follow up program will be designed to test these additional targets.

**Initial identification of the intervals of the coal zones and aggregate coal thickness in the tables above is based on visual characteristics. The Company cautions against placing undue reliance on the visual observations of the coal until the results of the analytical work have been completed and announced. Down-hole geophysics has been completed on most holes and minor adjustments to coal thicknesses may occur when reporting final results.**

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

*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) 691-1760  
 Fax: (604) 691-1761  
 Email: [info@goldsourcemines.com](mailto:info@goldsourcemines.com)  
 Website: [www.goldsourcemines.com](http://www.goldsourcemines.com)  
 1311 Howe Street, Suite 405  
 Vancouver, British Columbia V6Z 2P3

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



See Map 1 for full view

Pasquia Sub-Basin

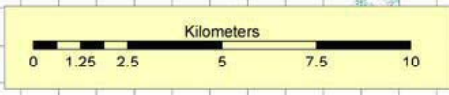
Chemong Sub-Basin

Split Leaf Sub-Basin

See Map 2 for full view

**Legend**

● 2009 Drill Sites	<b>Road</b>
● 2008 Drill Sites	Unclassed
● Base Camp	<b>Active/Avail. by Class</b>
■ Goldsource Lease	— Primary Hwy - Gravel
— Goldsource Built Road	— Improved Winter - Cts 2
■ Water	— Railway
○ Confirmed Coal	○ Confirmed Coal



1:50,000

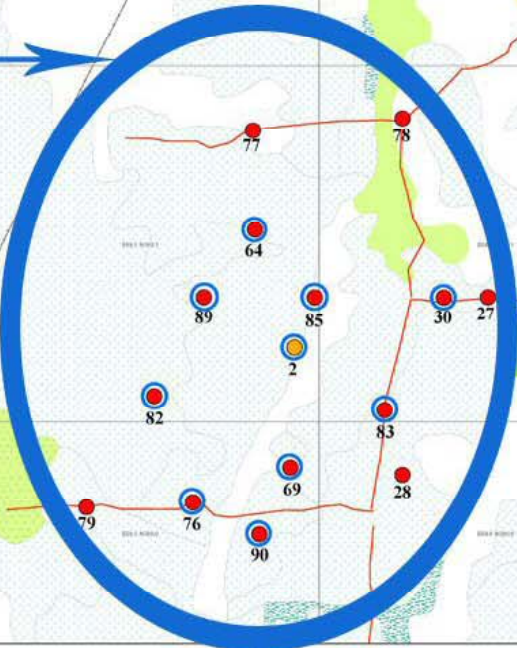
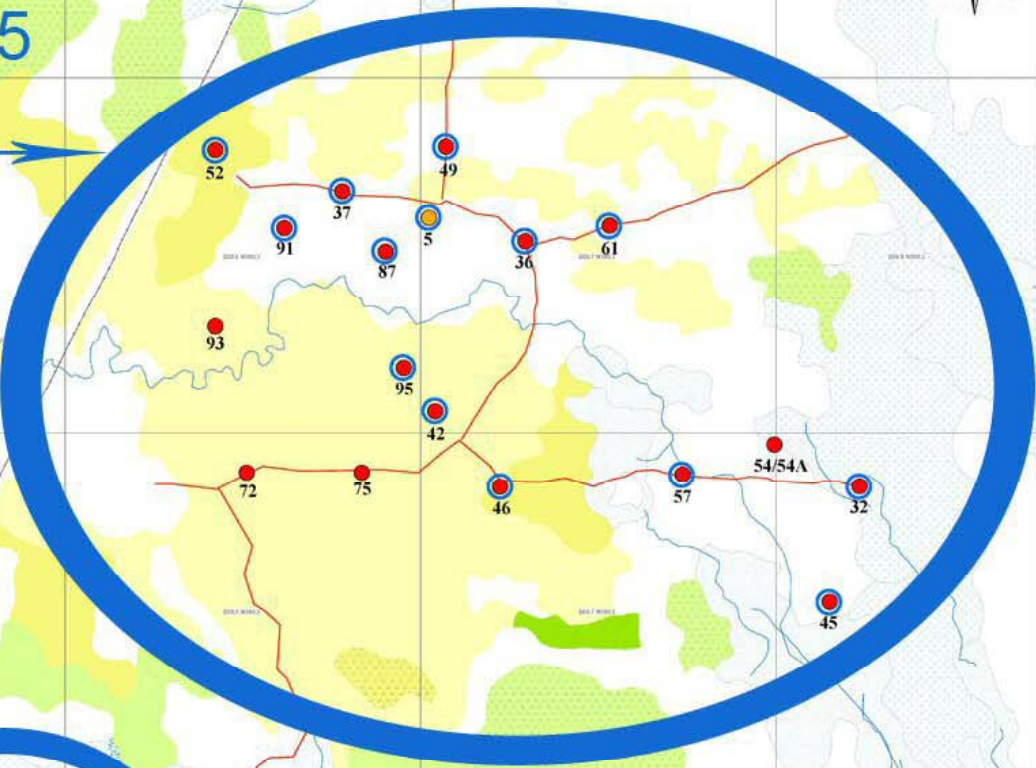


BD08-05  
Area

BD08-02  
Area



Legend	
<span style="color: red;">●</span>	2009 Drill Sites
<span style="color: orange;">●</span>	2008 Drill Sites
<span style="color: purple;">●</span>	Base Camp
<span style="border: 1px solid purple; padding: 2px;"> </span>	Goldsource Lease
<span style="border: 1px solid blue; padding: 2px;"> </span>	Water
<span style="border: 1px solid black; padding: 2px;"> </span>	Road
<span style="border: 1px solid black; padding: 2px;"> </span>	Unclassified
<span style="border: 1px solid red; padding: 2px;"> </span>	Active/Avail. by Class
<span style="border: 1px solid red; padding: 2px;"> </span>	Primary Hwy - Gravel
<span style="border: 1px solid orange; padding: 2px;"> </span>	Goldsource Built Road
<span style="border: 1px solid orange; padding: 2px;"> </span>	Improved Winter - Cls 2
<span style="border: 1px solid black; padding: 2px;"> </span>	Railway
<span style="border: 1px solid blue; border-radius: 50%; padding: 2px;"> </span>	Confirmed Coal



Pasquia  
Sub-Basin

