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**MIDLANDS MINERALS REPORTS A MUCH WIDER STRUCTURAL
CONTINUOUS GOLD CORRIDOR ON SIAN - GHANA**

TORONTO, CANADA, April 16th, 2009: Midlands Minerals Corporation (“Midlands” or the “Company”) is pleased to report that a review of drill data from the main Esaase zone on Sian, Ghana, shows there is a wide structural gold-bearing mineralized corridor with added geological potential of 10 to 20 million tonnes grading between 0.4 g/t and 1.2 g/t to be confirmed by infill drilling prior to inclusion in the resource estimate.

The resource estimation announced by the Company on May 5, 2008 was based on drilled intercepts which were sampled, and the resource estimation excluded some 50% of eligible material. The NI 43-101 indicated resource in the Esaase pit is 2,568,000 tonnes at 2.33 g/t Au, and the inferred resource is 2,694,000 tonnes at 2.35 g/t Au.

Prior to Midlands’ acquisition of the Sian Gold property, work done by Sian Goldfields included:

- 23,782 metres of diamond drilling (182 drill holes)
- 22,000 metres of trenching and pitting (320 trenches and pits)
- 2,744 metres of adits (12 adits)

A total of 69,453 samples were collected by Sian Goldfields. However, some 25% of the drill cores were not assayed by Sian Goldfields. Midlands’ current review of the drill data shows many rock units in historical Sian holes which were not sampled. The adjacent holes drilled by Midlands are gold-bearing, giving much wider and more continuous intercepts along strike within the main Esaase zone. “This gives us confidence that infill drilling under the Esaase pit and on strike extensions, plus sampling all rock units, will have the potential to add significant amounts of gold ounces to what is already known and estimated from the main Esaase zone,” said Pierre Lalande, P.Geo., and Senior Geologist for the Company.

The attached map shows the cross-sectional blocks used by Geostat Systems International Inc. to estimate the inferred resource on extensions of the main Esaase zone. The sectional resources used a maximum 50 metre wide corridor for each section and left strike length gaps of 20 metres to 50 metres in the northern and south eastern extensions. The gaps represent some 30% of the aforementioned additional gold potential, where infill drilling is planned to confirm the continuity, and to potentially increase the resource.

To view the map, please click the link below:

www.midlandsminerals.com/press_releases/images/Sian_Location_Of_Infrastructures_March_2008.pdf

This additional potential referred to above is only for the main Esaase zone, and does not include seven (7) other zones which were drilled and for which an assessment of geological potential is being prepared. “This added geological potential is a valuable planning tool for our next phase of drilling,” said Kim Harris, President and Chief Executive Officer.

The scientific and technical information contained in this press release has been reviewed by Pierre Lalande, P.Geo., Midlands’ Senior Geologist, who is a Qualified Person within the meaning of National Instrument 43-101.

ABOUT MIDLANDS MINERALS

Midlands is a growth oriented and value based gold exploration company operating in Ghana and Tanzania, two stable countries with a history of gold mining. Midlands’ top priority project is the fully permitted Sian gold project in Ghana. The Sian property contains Esaase and Ampeha, two previously producing open pit mines with a resource with exceptional growth potential. Midlands’ contiguous Kwahu Praso project, which was once part of Sian, contains extensions of the Esaase and Ampeha trends. Sian and Praso are just 30 kilometres northeast of Newmont Mining’s +8.7 million Akyem gold deposit on the Ashanti Gold Belt. Midlands also holds highly prospective licences for gold and diamonds in the Lake Victoria Goldfields in Tanzania.

The Company has a highly qualified management and technical team with extensive experience in the countries in which the Country operates. For more information on the Company, please visit Midlands’ website at www.midlandsminerals.com.

On behalf of the Board,

Kim Harris
President and Chief Executive Officer

For further information, please contact:

Kim Harris
President and Chief Executive Officer

1210 Sheppard Avenue East, Suite 302
Toronto, Ontario
Canada M2K 1E3

CEO Direct Line: + 1 416 447 6882
Tel: + 1 416 492 6992
Fax: + 1 416 492 6993

Website: www.midlandsminerals.com

E-mail: info@midlandsminerals.com

Certain statements contained in this news release constitute forward-looking statements. Such forward-looking statements involve a number of known and unknown risks, uncertainties and other factors, which may cause the actual results, performance or achievements of the company to be materially different from actual results and achievements expressed or implied by such forward-looking statements. Forward-looking statements consist of statements that are not purely historical, including any statements regarding beliefs, plans, expectations or intentions regarding the future. No assurance can be given that any of the events anticipated by the forward-looking statements will occur or, if they do occur, what benefits the Company will obtain from them. These forward-looking statements reflect management's current views and are based on certain expectations, estimates and assumptions which may prove to be incorrect.

The Company adds a cautionary statement to the effect that the potential quantity and grades referred to in this press release are conceptual in nature and there has been insufficient exploration to define a mineral resource. Further, the Company is uncertain if further exploration will result in discovery of a mineral source. Readers are cautioned not to place undue reliance on these forward-looking statements, which speak only as of the date the statements were made. Readers are also advised to consider such forward looking statements while considering the risks inherent in the business of mineral exploration. For more information, investors should review the Company's filings that are available at www.sedar.com.