



TSX-V: MEX

APRIL 13, 2010

**MIDLANDS APPOINTS NEW VP EXPLORATION
AND TIGHTENS VTEM LINE SPACING**

- **Total VTEM lines increased from 1,185 km to 2,375 km to get even higher resolution**
- **Kaniago on the Asankrangwa gold belt – a firm second priority gold project**
- **1 million ounces targeted on Sian/Praso**

TORONTO, CANADA: Tuesday, April 13th, 2010: Midlands Minerals Corporation (“Midlands” or the “Company”) is pleased to announce the appointment of Dr. Derek McBride, P.Eng., a highly seasoned professional with a history of gold discovery, to the position of Vice President, Exploration with immediate effect. Derek is a Professional Engineer whose international experience covers all facets of mineral exploration and is a Qualified Person within the meaning of National Instrument 43-101.

“I am excited about being part of a team with such a promising portfolio of gold projects. The Ghana projects appear to be at the right geological address on the Ashanti belt and on the Asankrangwa belt. I am very much looking forward to working with the Midlands team to move these projects forward,” said Dr. Derek McBride, P.Eng.

With over 30 years of structural geology applied to mineral deposits, Derek McBride is credited with the discovery of the Nugget Pond Gold Deposit in Newfoundland, and with the discovery of the New Reward Gold Zone, Hill End, NSW, Australia. He has managed major projects worldwide.

Derek McBride P.Eng., has a Ph.D. in Economic and Structural Geology from the University of New Brunswick, an M.Sc. in Economic Geology and Litho geochemistry from Queens University, a B.Sc. in Geological Engineering and Economic Geology from Queens University and also a Diploma in Mining Technology from the Haileybury School of Mines, Haileybury, Ontario.

In addition to numerous publications on gold mineralization and gold deposits, Derek McBride’s extensive experience includes hands-on field management and, the development of geological models that led to gold discovery on the Nugget Pond Gold Deposit in Newfoundland and the Saddle Reef Gold deposits of the Hill End in Australia. He has been a university professor teaching structural geology, economic geology and mineralogy and has worked with such companies as Abitibi-Price Mineral Resources, Stroud Resources, Khan Resources Inc., and Campbell Resources to name a few.

“The appointment of Dr. Derek McBride as Vice President, Exploration, further strengthens the Midlands technical team. With highly prospective properties with potential for discovery in Ghana and Tanzania, the Company is very strong moving forward,” said Kim Harris, President and Chief Executive Officer.

Meanwhile, the drilling continues to progress well and more assays are pending. Thus far, over 4,000 drill samples and 6,221 soil samples comprising 3,911 for Sian and 2,310 for Praso have been sent to the SGS Laboratories in Tarkwa, Ghana for analysis. A total of 2,600 soil samples are planned for Kaniago for the month of April. Kaniago is also being covered by the VTEM Airborne Survey.

Results received so far for the Sian soil survey have defined an 850 m by 500 m anomalous zone just north of the Atonsu prospect which is still open ended towards Atonsu. Gold values include 260 ppb, 370 ppb to a peak value of 420 ppb. A second anomalous trend is also developing on strike with the Besease prospect.

The decision to tighten the line spacing and do detailed spacing in the VTEM airborne survey now, rather than do infill lines later, was made as a result of encouraging Sian/Praso soil results which are starting to come in from SGS.

“The team is excited about the near term prospects in Ghana and together, we expect to accomplish a lot and add value to the Company’s assets to the benefit of the shareholders within the coming months,” said Kim Harris.

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 significant 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 ounce Akyem gold deposit. 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 broad African experience and extensive experience in the countries in which the Company operates. For more information on the Company, please visit Midlands’ website at www.midlandsminerals.com.

The Company is pleased to announce it has received TSX Venture Exchange approval for its recent private placement financing with the following adjustments being made to gross proceeds which have been adjusted to \$8.07 million, cash commissions to \$564,268.95, 124,587 finders’ warrants exercisable at \$0.50 for a period of 24 months, 1,571,705 broker warrants for common shares exercisable at a price of \$0.35 per common share for a period of 18 months and 107,235 broker warrants for units exercisable at a price of \$0.35 for 18 months. The underlying warrant is exercisable at \$0.50 for a period of 24 months.

On behalf of the Board

Kim Harris
President and Chief Executive Officer

For further information, please contact:

Kim Harris, President and CEO
1210 Sheppard Avenue East, Suite 302
Toronto, Canada M2K 1E3
E-Mail: info@midlandsminerals.com

CEO Direct Line: + 1 416 447 6882
Tel: + 1 416 492 6992
Fax: + 1 416 492 6993
Website: www.midlandsminerals.com

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

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.

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.