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MIDLANDS ADDS HANDS-ON WEST AFRICAN EXPERIENCE TO TECHNICAL TEAM

TORONTO, CANADA, Monday June 20th, 2011: Midlands Minerals Corporation (“Midlands” or the “Company”) is pleased to announce senior appointments to enhance its geological team’s Ghana expertise. The new additions will take the lead on Ghana exploration and drilling activities with a view to accelerating exploration and shareholder value.

Elizabeth Vida, P. Geo. joins the team as Senior Geologist to lead the Company's exploration activities in Ghana, and Dr. David Groves becomes an active team member on Ghana exploration and Technical Advisor to the Board of Directors. Rakesh Malhotra, C.A., C.P.A. is appointed to the position of Chief Financial Officer. Wilson Baaku, B.Sc. remains Exploration Manager on the ground in Ghana.

In a news release dated June 13, 2011, the Company announced the resumption of a phased 50,000 metre sequential drilling program, a combination of diamond drill (DD) and RC (Reverse Circulation) drilling on the top priority Sian and Kwahu Praso projects in Ghana, following redefinition of priority drill targets. "We expect the addition of highly experienced technical personnel with hands-on Ghana field experience will add value for shareholders, and we are working to accelerate our exploration programs to get drill results out as soon as possible," said Kim Harris, President and Chief Executive Officer.

Elizabeth Vida, P. Geo said, "I see a lot of potential for discovery on the Ghana gold projects. We have good geology, and we now have well defined highly prospective drill targets, and I am looking forward to the work ahead."

Ms. Vida has extensive, hands-on West African experience, in both field geology and management positions in Ghana and Mali, and has demonstrated experience in effectively managing drilling programs and field operations in West Africa. Elizabeth Vida has worked on the Ashanti Gold Belt and on the Asankrangwa Gold Belt, where the Company's priority projects, Sian-Praso and Kaniago, are located. Ms. Vida was a Senior Geologist and Project Manager with Nevsun Resources in Ghana and in Mali in addition to work with ACA Howe International Ltd, Riva Gold Corp in Guyana and with a number of other junior exploration companies domestically and internationally.

The Company also announces the appointment of David Groves, Ph.D. to the position of Technical Advisor to the Board of Directors. Dr. David Groves, a renowned geological expert, has been providing consulting services to Midlands, focusing on exploration on the Sian and Kwahu Praso projects in Ghana. Dr. Groves will now become more involved in the design of the Company's exploration programs in Ghana.

As a leading expert on Ghanaian Gold Belts, Dr. Groves brings a wealth of exploration-targeting experience and, specifically, technical knowledge of structural geology and experience on the Ashanti Gold Belt where Midlands' Sian and Praso properties are located and the Asankrangwa Gold Belt where the Company's Kaniago project is located. He is a world leader in economic geology and in the interpretation of geological structures, and has a broad knowledge of the major gold deposits in Ghana. He has recently been closely associated with a gold discovery by Canaco Resources within a new gold province in Tanzania.

The Company is also pleased to announce the appointment of Rakesh Malhotra, C.A., C.P.A. to the position of Chief Financial Officer (C.F.O.) replacing Paul Singer, C.A., who, after fifteen years as the Company's C.F.O., will be devoting more time to his private practice. Rakesh has been working as a consultant to the Company for the past few months.

Rakesh Malhotra, C.A., C.P.A., has over 25 years of international, senior-level finance experience, with a track record of prudent, professional financial management. He has extensive public company experience gained through holding the position of Chief Financial Officer in a number of publicly listed companies in Canada and internationally. Mr. Malhotra holds a B.Comm. (Honours) and is a member of the Institute of Chartered Accountants in Canada and also a Certified Public Accountant in the United States.

"We look forward to continuing our working relationship with both David Groves and Rakesh Malhotra, and would like to thank Paul Singer for his very significant contribution to the growth of Midlands Minerals. Paul played a key role in bringing value into the company and he has been a loyal and committed member of our key management team," said Kim Harris. Paul Singer will continue to make a contribution to the Company on a consulting basis.

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' second priority project in Ghana is the highly prospective Kaniago gold project, which is located on the Asankrangwa Gold Belt and is contiguous to two past open pit gold producers – Abore to the north and Obotan to the south.

Midlands also holds highly prospective licences for gold and diamonds in the Lake Victoria Goldfields in Tanzania, including its advanced Itilima Gold Project, which lies within the Geita-Bulyanhulu-Sekenke Trend, which is host to over 40 million ounces in gold reserves, and has now added to its Tanzania portfolio with the acquisition of the New Kilindi-Handeni prospecting licences.

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.

On behalf of the Board

Kim Harris
President and Chief Executive Officer

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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 that may be referred to in this press release are conceptual in nature. There has been sufficient exploration to evaluate a mineral resource. However, the Company is uncertain if further exploration will result in a mineral reserve. 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.