



## Midlands Minerals Releases Drilling Results and Plan for Next Phases at Kaniago

**Toronto, Ontario – May 28, 2012: Midlands Minerals Corp.** (“Midlands” or the “Company”) (TSX-V:MEX) is pleased to announce the results of a 1,995 meter diamond drilling program completed on March 8 at the Kaniago West and Mmooho targets on its Kaniago gold project in Ghana.

Drilling at the Mmooho gold target aimed at expanding the target along strike and down dip whilst also providing core samples for structural analysis and investigating the presence of additional deeper parallel zones of mineralization. Drill holes KNDD-12-001, KNDD-12-002 and KNDD-12-003A totaling 1,289 meters confirmed the presence at depth and on strike of gold mineralization above 0.5 g/t gold with a best composite of 3.8 meters grading 4.86 g/t gold at a depth of 95.6 meters in KNDD-12-002. The drilling provided the expected structural control but did not enhance grades or thicknesses compared to the 2011 RC drill program.

Drilling at the Kaniago West gold target focused on defining controls to gold mineralization adjacent to the thick zone of gold mineralization intercepted in previously released drill hole KNRC-11-041 (27 meters grading 2.97 g/t gold - please see press release dated February 6, 2012). Drill holes KNDD-12-004 and KNDD-12-005 totaling 606.7 meters confirmed the presence at depth and on strike of gold mineralization above 0.5 g/t gold with a best composite of 7.0 meters grading 1.75 g/t gold at a drill depth of 165.5 meters in KNDD-12-005. The drilling provided the expected structural control but as at Mmooho it did not enhance grades or thicknesses compared to the 2011 RC drill program.

A recent reinterpretation of soil geochemical results has further enhanced the gold anomalous trends. The NNE trending Esaase-Kaniago West soil geochemical trend extends NNE to the Keegan Resources’ Esaase gold deposit (measured and indicated resources of 98.7 million tonnes at an average grade of 1.1 g/t for 3.64 million ounces gold) and PMI Gold Corporation’s Abore gold deposit (measured and indicated resources of 6.03 million tonnes at an average grade of 1.6 g/t for 0.31 million ounces gold) on the adjacent concessions. The Kaniago West and Mmooho prospects are located on this trend.

Parallel to this trend, two further trends are known to extend on adjacent companies’ concessions and host significant gold deposits:

- the Besease-Adubiaso NNE trend hosts PMI Gold Corporation’s Adubiaso gold deposit (measured and indicated resources of 4.17 million tonnes at an average grade of 2.59 g/t for 0.35 million ounces gold) immediately south of the Kaniago concession; and,
- the Kampese-Nkran-Asuadai NNE trend hosts PMI Gold Corporation’s Nkran gold deposit (measured and indicated resources of 32.15 million tonnes at an average grade of 2.28 g/t for 2.35 million ounces gold) and Asuadai gold deposit (measured and indicated resources of 2.44 million tonnes at an average grade of 1.28 g/t for 0.1 million ounces gold).

Midlands’ next phase of work on the Kaniago concession will focus on expanding the potential for large shallow, potentially bulk-mineable gold deposits associated with NNE shear zones along the soil geochemical trends by testing them with systematic fences of air core drilling spaced 500 meters to 800 meters across the trends. Air core holes will be drilled at -50° to refusal, usually the limit of fresh rock. The collar of the following hole on the fence will be located vertically above the last sample of the last drilled hole in order to cover all the target area with drill information.

Additionally, the Company announced that it has granted stock options to acquire an aggregate of 1,500,000 common shares to the Vice President, Exploration of the Company under Midlands Minerals' stock option plan. Each option granted to the officer is exercisable for a five year period to acquire one common share at a price of \$0.10 per share and vest on an annual schedule over a period of 3 years.

***About Midlands Minerals:***

Midlands Minerals is focused on developing a portfolio of high quality gold exploration projects in Ghana and Tanzania, countries with exceptional histories of gold production and home to some of the most profitable gold mines in Africa. Midlands' flagship gold property is the 65% owned Sian project, site of a past producing open pit gold mine located in the Ashanti gold belt. Sian has NI 43-101 compliant Indicated gold resources of 2.6 million tonnes grading 2.33 g/t gold (192,400 ounces) and Inferred gold resources of 2.7 million tonnes grading 2.35 g/t gold (203,350 ounces). Extensions to these resources are open along strike and at depth, highlighting the potential to grow the gold resource at Sian. Midlands' Kaniago gold project is located in Ghana's Asankrangwa gold belt and is contiguous to two past open pit gold producers: Abore to the north and Obotan to the south. Recent drilling and exploration has produced encouraging results, demonstrating the gold resource potential of the project.

Midlands also holds licences for gold and diamonds in two regions in Tanzania. The first is found in the Lake Victoria Goldfields region and includes its advanced Itilima Gold Project, which lies within the Geita-Bulyanhulu-Sekenke Trend, which hosts over 40 million ounces in gold reserves. The second region lies within the Kilindi-Handeni Trend and includes the New Kilindi-Handeni prospecting licences.

Dr Dominique Fournier, EurGeol, a "qualified person" as defined by National Instrument 43-101, has reviewed and approved the technical information and data included in this press release. Additional information on Midlands can be viewed under the Company's profile at [www.sedar.com](http://www.sedar.com) or on Midlands' website: [www.midlandsminerals.com](http://www.midlandsminerals.com).

**FOR ADDITIONAL INFORMATION PLEASE CONTACT**

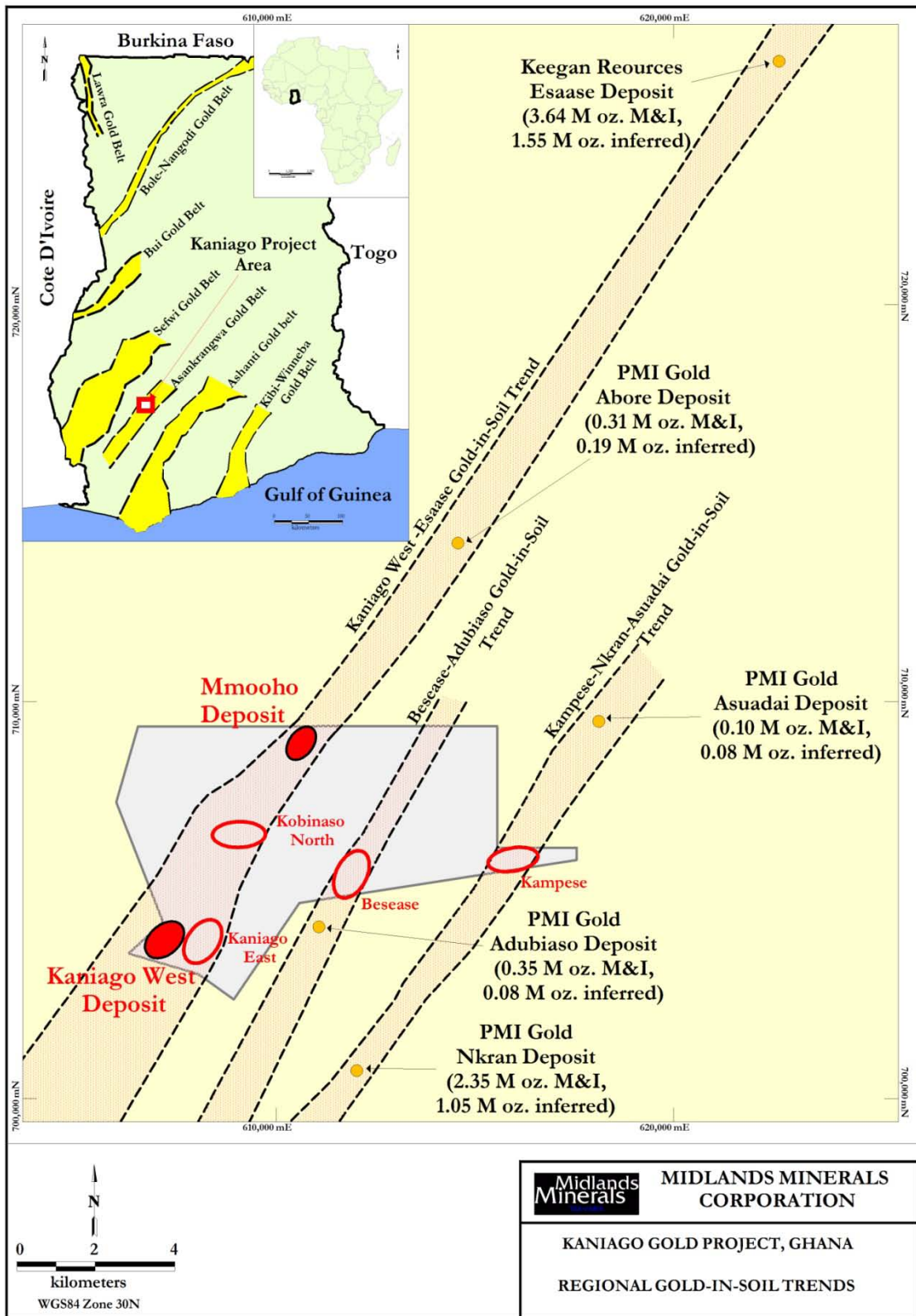
Craig Pearman  
President and CEO  
Telephone: +233 24 4323820  
Email: [cpearman@midlandsminerals.com](mailto:cpearman@midlandsminerals.com)

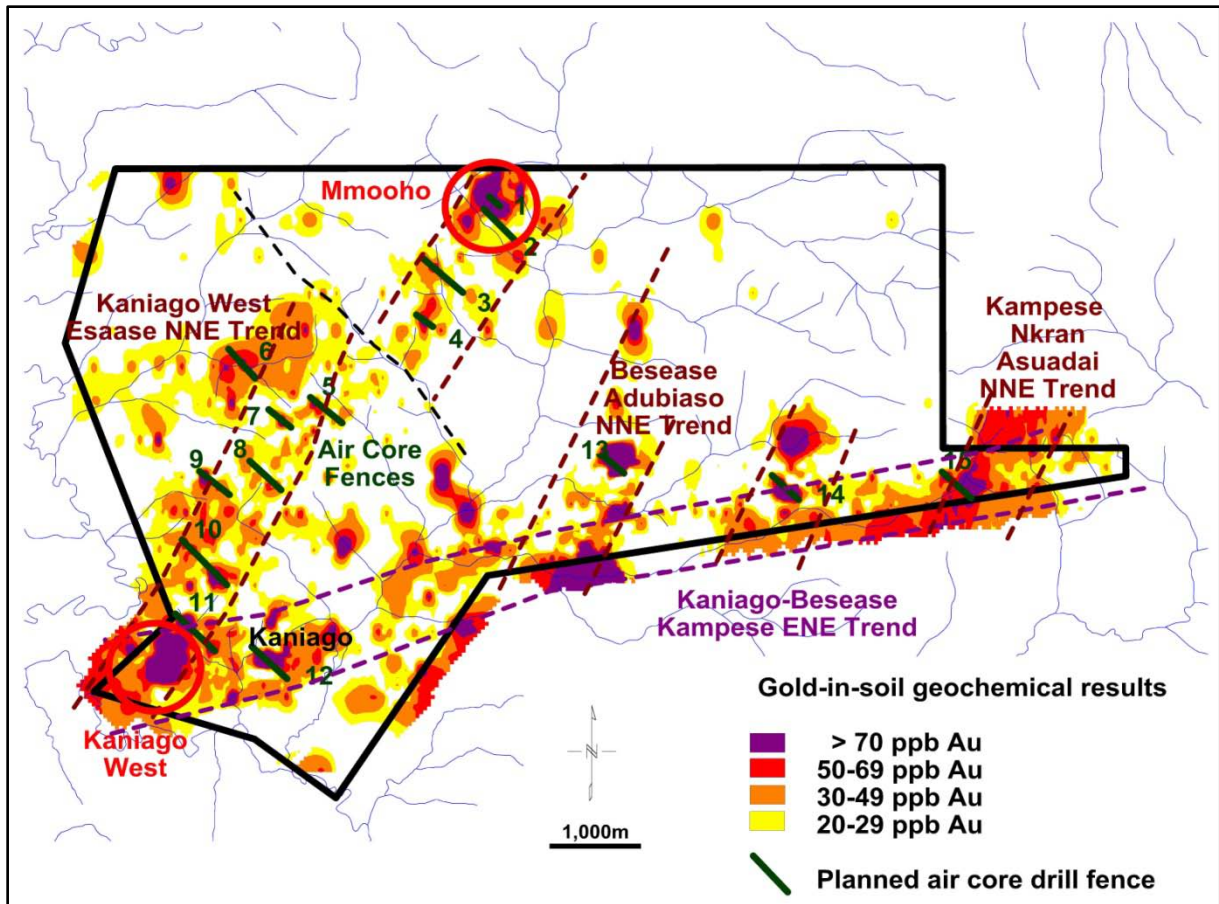
Nick Tintor  
Chairman  
Telephone: +1 416 987 0855  
Email: [ntintor@rgmi.ca](mailto:ntintor@rgmi.ca)

---

*This news release includes certain forward-looking statements or information. All statements other than statements of historical fact included in this release, including, without limitation, statements relating to the potential mineralization and geological merits of the company's projects and other future plans, objectives or expectations of the Company are forward-looking statements that involve various risks and uncertainties. There can be no assurance that such statements will prove to be accurate and actual results and future events could differ materially from those anticipated in such statements. Important factors that could cause actual results to differ materially from the Company's plans or expectations include risks relating to the actual results of current exploration activities, fluctuating gold prices, possibility of equipment breakdowns and delays, exploration cost overruns, availability of capital and financing, general economic, market or business conditions, regulatory*

*changes, timeliness of government or regulatory approvals and other risks detailed herein and from time to time in the filings made by the Company with securities regulators. The Company expressly disclaims any intention or obligation to update or revise any forward-looking statements whether as a result of new information, future events or otherwise except as otherwise required by applicable securities legislation. Neither the TSX Venture Exchange, its Regulation Services Provider (as that term is defined in the policies of the TSX Venture Exchange), nor the OTCQX accepts responsibility for the adequacy or accuracy of this release.*





Soil geochemical trends