

FOR IMMEDIATE RELEASE

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**MIDLANDS MINERALS ANNOUNCES NEW GOLD ZONE  
GRADING 2.77 G/T OVER 3 M, 940 METERS EAST OF ESAASE  
OPEN PIT MINE - GHANA**

TSX-VN: "MEX"

TORONTO CANADA, October 16, 2007: Midlands Minerals Corporation ("Midlands" or the "Company") is pleased to announce results from the first two scout RC drill holes intersected two anomalous gold grade zones including three-meter intervals of 2.77 g/t Au, 940 meters east of the Esaase pit. This opens up a new gold zone adjacent to the Odumasua gold showing. In addition to the Esaase mine pit, Odumasua and Ampeha are gold occurrences drilled by the previous owners on the Sian property in Ghana.

"This new zone near a gold showing and 940 meters from the Esaase open pit mine indicates the presence of several parallel zones. What is emerging could be a very large system in this gold district. We have drilled different soil anomalies in a 3 kilometre radius of the Esaase open pit mine and so far, we found three new zones", said Marc Boisvert, P.Eng, VP Exploration.

**SUMMARY OF RESULTS FROM RC HOLES 20 AND 21:**

Anomalous Zone					Grade zone			
ID Hole	from	to	interval	g/t Au	from	to	interval	g/t Au
RC-20	50m	56m	6m	1.48	51m	54m	3m	2.77
RC-20	116m	125m	9m	0.41	116m	117m	1m	0.94
					120m	121m	1m	0.90
					123m	124m	1m	0.88
RC-21				92m	94m	2m	1.21	

*Note: All RC drill intercept widths are apparent widths. True widths are unknown.*

The RC drilling program was completed on September 30, 2007 and assays are beginning to come in. The diamond drilling program, which resumed on September 10, 2007 is expected to be completed on or by October 18, 2007. The objective of the scout RC drill program was to outline and locate new gold bearing zones between and along strike of existing gold showings which are interpreted as potentially being part of the same and larger gold system along a 16 km strike length soil anomalous trend. Assay results from two out of 35 RC drill holes have so far been received and interpreted. Other assay results are expected in the following weeks.

RC20 and RC 21 were part of a drill fence testing a soil anomaly located west of the Odumasua gold showing. The Odumasua gold showing was drilled by the previous owner and information indicates 650,000 to 750,000 tonnes grading at 1.0 to 1.5 g/t Au. The potential quantity and grade are conceptual in nature at this time, and it is uncertain if further exploration will result in discovery of a mineral resource.

***Please click here for the map link***

[http://www.midlandsminerals.com/press\\_releases/images/PR\\_Fig\\_RC\\_20\\_location.pdf](http://www.midlandsminerals.com/press_releases/images/PR_Fig_RC_20_location.pdf)

**PREVIOUS DRILL INTERSECTIONS USED FOR THE CONCEPTUAL POTENTIAL QUANTITY AND GRADE.**

Section	Hole ID	FROM (m)	TO (m)	Interval (m)	GRADE (Au g/t)
50m N	ZKON50-1	106 m	113 m	7.0 m	0.47 g/t Au
150m N	ZKON150-1	41 m	50 m	9.0 m	1.20 g/t Au
	ZKON150-1	56 m	62 m	6.0 m	1.10 g/t Au
	ZKON150-2	160 m	166 m	6.4 m	0.77 g/t Au
250m N	ZKON250-1	58 m	65 m	7.8 m	2.08 g/t Au
	ZKON250-2	43 m	51 m	6.7 m	1.57 g/t Au
	ZKON250-2	100 m	112 m	11.4 m	1.58 g/t Au
350m N	ZKON350-2	71 m	76m	4.3 m	1.63 g/t Au

The results from RC holes 20 and 21 together with two new gold zones earlier reported this year, re-enforce the Company's interpretation that there are several gold bearing structures which form a gold -occurrence cluster along a trend identified by soil sampling gold anomalous results over a strike length of 16 kilometres.

"Midlands' short term objective is to increase the gold resource in the Esaase pit to a minimum required for a feasibility study, and the goal is to find a multi-million ounce gold deposit on Sian/Praso by drilling the new zones we have found and conducting further exploration on previously mined pits on the Sian property", said Kim Harris, President and CEO.

On October 10, 2007, the Company reported five diamond drill holes drilled to a depth of 350 meters intersected porphyry quartz feldspar intrusives and carbonate –silica flooding with disseminated pyrite alteration. The assays are pending. This now extends the Esaase mine geology and alteration to over 300 meters towards the north on the Sian property. A drill program is planned for the contiguous Kwahu Praso property early in 2008 and this will test a 4 kilometere strike length soil anomaly located north of the Sian property.

Sian, a fully permitted past gold producer, is located 30 kilometres north east of Newmont Mining's Akyem gold deposit with over 8 million oz of gold. The mineralization at Akyem is a carbonate silica flooding with disseminated pyrite, similar to that confirmed at the Sian property through diamond drilling. The Esaase deposit has an indicated resource of 1.3 million tonnes grading at 2.3 g/t Au. The average grade at Akyem is 2.4 g/t Au.

Samples were taken at one meter intervals under dry drilling conditions by RSG Global, Inc. ("RSG") utilizing drilling and sampling techniques widely accepted in RC drilling programs. RSG is an international geological consulting company with offices in Ghana, South Africa and Australia.

All samples were secured, weighed on site and sent to the SGS Laboratory in Tarkwa, Ghana, where they were assayed using standard 50 gram fire assay with atomic absorption finish. QA/QC programs are in place using blanks and external standard samples. Anomalous intercepts were calculated using a minimum of a 0.1 g/t cut-off at beginning and end of the intercept and allowing for no more than 3 consecutive samples (three meters) of less than 0.1 g/t Au. Higher grade intercepts are calculated with a cut-off of 0.5 g/t Au.

Together with the contiguous Kwahu Praso property, Midlands controls 160 square kilometres of a prime gold exploration district delineated by a 16 kilometre corridor with large soil gold anomalies providing excellent potential for the discovery of several gold deposits on the property.

The scientific and technical information contained in this press release has been reviewed by Marc Boisvert, P.Eng., who is Vice President Exploration for the Company and a Qualified Person within the meaning of National Instrument 43-101.

*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. 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 indicated in this news 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 resource. 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.*

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

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