



## MIDLANDS MINERALS REPORTS SIGNIFICANT WIDTHS AND GOLD GRADES ON SIAN ESAASE DEPOSIT - GHANA

TSX-VN: "MEX"

**TORONTO CANADA**, January 16<sup>th</sup>, 2007 - Midlands Minerals Corporation ("Midlands" or the "Company") is pleased to announce details of drill intersections on the indicated gold resource on the Sian Esaase deposit in Ghana. The gold resource on Esaase totals 1,232,340 metric tonnes at an average gold grade of 2.24 g/t Au (cut) and 2.62 g/t Au (uncut). The indicated resource was calculated using 0.5 g/t Au cut-off with high-grade cut to 23.76 g/t Au.

### Significant intersections are:

Hole ZKES 010-3 intersected 6.67 g/t gold over 23.50 metres,  
 Hole ZKES 110-3 intersected 3.69 g/t gold over 10.5 metres,  
 Hole ZKES 060-5 intersected 3.39 g/t gold over 16.2 metres,  
 Hole ZKE 140-4 intersected 3.46 g/t gold over 25 metres.

[www.midlandsminerals.com/press\\_releases/images/MinSectSL35.png](http://www.midlandsminerals.com/press_releases/images/MinSectSL35.png)

[www.midlandsminerals.com/press\\_releases/images/MinSectSL60.png](http://www.midlandsminerals.com/press_releases/images/MinSectSL60.png)

"The gold grades are good and the widths are significant. We are pleased with the quality of the intersections and with the significant potential this could present for open pit operations on the Esaase deposit. Midlands will focus on increasing the total ore tonnage on the Sian property by drilling along lateral and downdip extensions," said Marc Boisvert, P.Eng. and Midlands' Vice President Exploration.

Oxide Zone	125,000 tonnes grading 2.65 g/t (cut), 3.16 g/t Au (uncut)
Sulphide Zone	1,230,000 tonnes grading 2.24 g/t (cut), 2.63 g/t Au (uncut)
<b>Total</b>	<b>1,355,000 tonnes grading 2.28/t (cut)</b>

### INTERSECTIONS USED FOR THE SULPHIDE INDICATED RESOURCE:

#### ESAASE DEPOSIT - SULPHIDE MINERAL INDICATED RESOURCE

BLOCK	Section (m)	INTERSECTION			SECTIONAL AREA (m2)	SECTION WIDTH (m)	TONNAGE METRIC (Tonnes)	GRADE	
		FROM (m)	TO (m)	WIDTH (m)				UNCUT (Au g/t)	CUT (Au g/t)
ZKE 190-1	N190	79.11	133.90	54.79	675	55	105806	1.74	1.74
ZKE 190-2		90.70	126.00	35.30	855	55	134021	1.81	1.81
ZKE 140-4	N140	22.70	47.70	25.00	310	50	44175	3.46	3.46
ZKE 140-5		54.90	78.90	24.00	625	50	89063	0.58	0.58

ZKE 140-6		102.15	127.50	25.35	890	50	126825	3.42	3.42
ZKE 090-2	N090	47.70	70.80	23.10	880	50	125400	2.57	2.57
ZKE 090-3		80.80	130.70	49.90	970	50	138225	1.15	1.15
ZKE 040-3		42.65	70.70	28.05	900	37.5	96188	1.32	1.32
ZKE 040-4		79.20	101.60	22.40	540	37.5	57713	1.78	1.78
ZKE 040-5		114.20	131.20	17.00	320	37.5	34200	1.01	1.01
ZKES 010-2	S010	36.90	38.80	1.90	45	37.5	4809	0.55	0.55
ZKES 010-2		52.80	67.20	14.40	420	37.5	44888	3.19	3.19
ZKES 010-3		78.30	82.20	3.90	125	37.5	13359	8.68	6.35
ZKES 010-3		94.10	117.60	23.50	420	37.5	44888	16.35	6.67
ZKES 060-3	S060	40.30	47.50	7.20	160	25	11400	3.52	3.52
ZKES 060-4		71.78	85.30	13.52	260	25	18525	2.59	2.59
ZKES 060-5		95.20	111.40	16.20	540	25	38475	3.39	3.39
ZKES 110-2	S110	16.23	24.10	7.87	200	25	14250	0.73	0.73
ZKES 110-2		28.80	38.40	9.60	230	25	16388	1.19	1.19
ZKES 110-3		53.70	64.20	10.50	450	25	32063	1.79	1.79
ZKES 110-3		75.70	86.20	10.50	360	25	25650	3.69	3.69
ZKES 160-1	S160	52.90	60.00	7.10	225	25	16031	1.41	1.41

**Sulphide Mineral Indicated Resource**

**1,232,342**      **2.62**      **2.24**  
**Tonnes**      **g/t Au**      **g/t Au**

The above indicated resource has been reviewed by Marc Boisvert P.Eng., a Qualified Person within the meaning of National Instrument 43-101.

The Company is in the process of completing geophysical induced polarization (IP) surveys and detailed soil geochemistry on Sian and Kwahu Praso properties. The objective is to increase the indicated resource as soon as possible by locating lateral extensions and adjacent targets for detailed evaluation.

Kwahu Praso and Sian are contiguous and together present a promising exploration opportunity along a 16 km soil anomalous trend. Induced Polarization (IP) surveys are being conducted by Sagax Afrique S.A. under contract to Midlands. The results of the IP surveys together with the detailed soil geochemistry will give Midlands the ability to locate additional drill targets.

Sian is a past open pit gold producer. Further drilling on the Sian property is expected to commence in March 2007 on the resource extensions and other adjacent targets following a complete review of the results of the IP and detailed soil surveys.

The scientific and technical information contained in this press release has been reviewed by Marc Boisvert, P.Eng.

*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. Readers are*

*cautioned not to place undue reliance on these forward-looking statements, which speak only as of the date the statements were made and the readers are also advised to consider such forward looking statements while considering the risks inherent in the business of mineral exploration.*

The TSX-V has in no way passed upon the merits of the proposed transactions and has neither approved nor disapproved the contents of this press release.

**For further information, please contact:**

Kim F. Harris, President and CEO  
1210 Sheppard Avenue East, Suite 302  
North York, Toronto, Canada M2K 1E3

*CEO Direct Line:* (416) 447-6882

Tel: +(416) 492-6992

Fax: + (416) 492-6993

E-Mail: [info@midlandsminerals.com](mailto:info@midlandsminerals.com) Web Site: [www.midlandsminerals.com](http://www.midlandsminerals.com)