



MIDLANDS MINERALS REPORTS DRILL RESULTS
CONFIRM ITILIMA GEOLOGY IS SIMILAR TO WELL
KNOWN LARGE VOLCANOGENIC ARCHEAN DEPOSITS IN
TANZANIA

TSX-VN: "MEX"

VANCOUVER, B.C. CANADA, January 21st, 2007 - Midlands Minerals Corporation ("Midlands" or the "Company") is pleased to report Itilima drill results confirm geological similarities to well documented large Archean deposits. Itilima drill results indicate the geology is associated with a volcanogenic-pyrite sulphide geological environment.

"This new observation is good and very important for the Itilima project because it gives the property the same affinities as well documented large Archean VMS deposits such as the Horne Mine - Noranda in Canada, and the Cadillac Gold mine district hosting VMS deposits such as Bousquet Mines and LaRonde Mines in Canada," said Marc Boisvert, P.Eng., Midlands' Vice President Exploration.

To view VMS model, please click here:

www.midlandsminerals.com/press_releases/images/Itilima_VMS_Model.pdf

The scout drill program with a total of 13 holes tested the 2 x 4 km soil anomalies surrounding the Itilima artisanal site on PL 1406. Results reveal the large MMI soil anomaly to be the western extremity of a larger system extending from PL 1406 to the end of the contiguous PL 2043. Drill geology indicates the Itilima artisanal site is a volcanogenic pyrite –sulphide geological environment enriched in gold. This particular geology makes the Itilima project part of the Archean gold volcanogenic massive sulphide type of deposits.

To view geological model, please click here:

www.midlandsminerals.com/press_releases/images/itilima_geomap_jan_2007.pdf

The drilling indicates Itilima is located at the top of pillow lava and sediment-exhalite sulphides with gold enriched felsic volcanics. All gold value intervals are either associated with or are near the felsic volcanics. Results indicate the tested area is a satellite gold anomalous zone, adjacent to a volcanogenic center located on PL 2043. The tested area hosts a felsic quartz eyes dome. The PL 2043 area coincides with the eastern extremity of the gold soil anomalies.

The association of gold values with pyrite will allow the effective use of IP surveys to detail the felsic center of PL 2043 prior to drilling the easterly side of the project. Adjacent to the top of the sediment-exhalite intersected by hole ITDD-19 and ITDD-23, there is an untested soil anomaly of 1.5 km strike which needs to be drill tested. The best exploration potential is considered to be the proximal zones which are adjacent to PL

2043 near the felsic dome. “Midlands would like to define a significant gold resource on the Itilima as soon as possible. We expect to be drilling again on the Itilima in the second quarter of 2007”, said Kim Harris.

Cores were split and samples were prepared and analysed at the SGS Laboratories in Mwanza, Tanzania using Fire Assay. The values were determined by the Atomic Absorption (FAE505AuR) procedure.

Assay results above 100 ppb Au.

Hole ID.	From m	To m	Interval	Sample	Au 1
ITDD-15	35.2	36.20	1.00	N347567	0.21
ITDD-15	98	99.00	1.00	N347578	0.31
ITDD-16	125.23	126.23	1.00	N406985	0.25
ITDD-22	147.8	148.80	1.00	N2099	1.88
ITDD-22	148.8	149.80	1.00	N2100	0.56
ITDD-23	170	171.00	1.00	N2159	0.21
ITDD-23	183	184.00	1.00	N2165	0.54
ITDD-24	60.3	61.30	1.00	N2171	0.22
ITDD-24	75.5	76.50	1.00	N2179	2.84
ITDD-24	113	114.00	1.00	N2122	0.22
ITDD-24	114	115.00	1.00	N2123	0.50
ITDD-24	157.2	158.20	1.00	N2203	0.29
ITDD-26	168.9	169.90	1.00	N2257	0.34

Midlands’ Itilima properties in Tanzania, totalling 65 square kilometres, are located in the Lake Victoria Goldfields on the same NW-SE trend as Bulyanhulu and Geita, and 20 km south of the Williamson Mwadui Diamond Mine. Diamond core drilling was initiated in October 2006. Work done to date confirms the presence of gold and diamonds on the property.

The Company holds 100% title on the New Kilindi gold project – a 2,700 square kilometer gold project in geology similar to that of Lupa Goldfields.

The technical information contained in this press release has been reviewed by Marc Boisvert, P.Eng., a Qualified person within the meaning of National Instrument 43-101. This press release is not intended for distribution in the United States of America .

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. 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 content of this press release or any proposed transactions, and has neither approved nor disapproved the contents of this press release.

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