



**Tanzania Minerals Provides Operational Update from the Mrangi Gold Project**

Vancouver, BC, Canada – March 21, 2011 – Tanzania Minerals Corp. (the “Company”), (TSX-V:TZM) (FRANKFURT: TM0.F) is pleased to announce updates from the Company’s Mrangi, Katario (Mrangi East) and Kibara (Mrangi South) African gold projects in northern Tanzania.

The Company has completed one hole of an initial nine hole drill programme to target shear-zone hosted gold in the eastern part of the main Mrangi licence similar to the veins mined at the historic Phoenix mine. The second hole is now underway drilling at a rate of approximately 30 m per day to recover HQ (63.5 mm) diameter core. These holes are all angled (to provide overlap) and will be drilled to a depth of 200 m. At least five other holes have been planned (as reported in the Company’s November 29<sup>th</sup>, 2010 press release) on the western part of the licence to target a different style of mineralization - Banded Iron Formation (BIF)-hosted gold. These holes will be drilled to a depth of 100 to 150 m. The holes will be geologically logged, and appropriate sample intervals will be split and assayed, together with international standards and appropriate blanks to conform to QA/QC guidelines.

Katario (Mrangi East) will be surveyed using a portable XRF unit which has been purchased and the Company is awaiting delivery. A remote sensing (satellite) study has been commissioned using Landsat data to identify alteration commonly associated with gold deposits. New Resolution Geophysics from South Africa have been commissioned (as reported in the Company’s February 8<sup>th</sup>, 2011 press release) to fly a detailed airborne magnetic survey over Mrangi, Katario (Mrangi East) and Kibara (Mrangi South). The Company hopes that the integration of these three studies, combined with geological prospecting in the area will result in new drilling targets.

"The drilling program at Mrangi is ahead of schedule and we look forward to the results of the field reconnaissance of the Mrangi, Katario, and Kibara projects." said Kal Matharu, President and Chief Executive Officer of Tanzania Minerals Corp.

Additional information on Tanzania Minerals Corp., including technical reports and other public documents are available on SEDAR at [www.sedar.com](http://www.sedar.com) or on the Company's website at [www.tanzaniaco.com](http://www.tanzaniaco.com).

Tanzania Minerals Corp. is an emerging junior exploration company trading on the TSX Venture Exchange. The company has an extensive portfolio of projects in Tanzania.

On behalf of the Board of Directors

*"Kal Matharu"*

Kal Matharu, President & CEO

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Statements included in this announcement, including statements concerning our plans, intentions and expectations, which are not historical in nature are intended to be, and are hereby identified as, "forward looking statements". Forward looking statements may be identified by words including "anticipates", "believes", "intends", "estimates", "expects" and similar expressions. The Company cautions readers that forward looking statements, including without limitation those relating to the Company's future operations and business prospects are subject to certain risks and uncertainties that could cause actual results to differ materially from those indicated in the forward looking statements.