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2 KM LONG HORIZON TO BE EXPLORED WITH DEEP EM GEOPHYSICAL SURVEY SOUTHWEST OF REED LAKE DISCOVERY ZONE, SNOW LAKE, MANITOBA

Vancouver, B.C. January 22, 2009. VMS Ventures Inc. (TSX.V: VMS) (the "Company") is pleased to report a planned deep EM geophysical program at the Company's 100% owned Dunlop property.

During the past eighteen months at the Reed Lake project, the Company has gained extensive geological knowledge regarding the deposit, and the land immediately surrounding it. Activities, including diamond drilling, geochemistry surveys, and airborne, ground and down-hole geophysical surveys, have led to the identification of a new target horizon that is considered highly prospective for additional base metal massive sulphide deposits. This exploration horizon is broadly defined by a trend of magnetic anomalies that begins at the Discovery Zone and extends approximately two kilometers to the west-southwest on the Company's 100% owned Dunlop property.

Vice President of Exploration, Dr. George Gale says:

"Collectively, these results appear to define a geological unit related to the Discovery Zone which is therefore prospective for hosting additional base metal massive sulphide-type deposits, or possibly, is the larger source deposit for the Discovery Zone mineralization discovered to date. As discussed in previous press releases the mineralization found at the Discovery Zone is of two varieties. The "A" zone, which appears to be a debris flow that has broken away from a yet to be identified source, located on the same horizon as the "A" Zone, and the "B" zone, which appears to be remobilized mineralization from what is believed to be a nearby source.

One target of particular interest, within the identified horizon, is located approximately 900 m southwest of the Discovery Zone mineralization. This target has both VTEM conductor anomalies and an associated magnetic response, which is similar to the Discovery Zone though lower in amplitude. This EM anomaly may be the geophysical signature of another body of sulphide mineralization related to the Discovery Zone." (http://www.vmsventures.com/image_pages/image026.asp)

This new target horizon will be examined using a deep penetrating, large Loop Time Domain EM survey. A 30 line kilometer grid is now being cut and will be completed this month. This ground survey will employ the same DeepEM system and field personnel (Koop Geotechnical Services) used in the 2007 discovery of HudBay Minerals Ltd's Lalor Lake deposit at a depth of approximately 800 m. This advanced technology will permit the Company to assess this enlarged area of interest southwest of the Discovery Zone to depths far below previous airborne surveys. The Discovery Zone mineralization has been intersected down to 450 meters and is open at depth.

The Company's geological team, with its geophysical consultants, is reviewing VTEM results from its 2007 and 2008 airborne surveys over the Puella Bay, Copper and Sails Lake project areas. They are also synthesizing additional data, including compiled historical reports and, Company geological mapping and ground geochemical surveys, on each project. Plans for winter 2009 include refurbishing grid lines, determining, where appropriate, new ground geophysical programs should be conducted, target selection and budgeting for each project's initial drill program.

All technical information in this release has been reviewed by Dr. George Gale, P.Eng, the Qualified Person, Vice President of Exploration and Director of VMS Ventures Inc.

VMS Ventures Inc. is focused primarily on acquiring, exploring and developing copper-zinc properties in the Flin Flon-Snow Lake VMS Belt. The Company also holds the largest land package considered prospective for nickel-copper mineralization at Lynn Lake, which is to date Canada's third largest nickel producing camp. The Company's project portfolio consists of the Snow Lake VMS project, the Lynn Lake Gabbros nickel-copper project, the Nickel Belt project, the South Bay nickel-copper-cobalt PGE property, and the Eden Lake Carbonatite Complex, Specialty Metals property. All VMS Ventures Inc. properties are located in the mining friendly province of Manitoba, Canada.

ON BEHALF OF THE BOARD OF DIRECTORS

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