Adex Mining Appoints Experienced Operations Manager for Mount Pleasant

Toronto, January 31, 2008 - Adex Mining Inc. ("Adex" or the "Company") (TSX-V: ADE) is pleased to announce the appointment of Mr. Victor Hendricken as the Operations Manager for its Mount Pleasant Mine Property (the "Mine") located in southwestern New Brunswick.

Mr. Hendricken has over 25 years of direct hands-on experience in the operation of a mine and milling plant. During 1984-1985, when the Mine was in operation, Mr. Hendricken worked at Mount Pleasant as the Mill General Foreman, where he had responsibility for establishing production parameters and overseeing mineral recovery and hydrometallurgical plant operations.

Recently, Mr. Hendricken worked as a technical consultant for the Beaver Brook Antimony Mine in Newfoundland, where he advised on tailings pond upgrade, used equipment acquisition, personnel search and general preparedness for plant start up.

"We are extremely pleased that Victor Hendricken has joined the Adex team at Mount Pleasant," said Kabir Ahmed, President and CEO of Adex. "As we execute on our exploration and drill program and move aggressively towards prefeasibility on both the Tungsten-Molybdenum and Tin-Indium deposits over the coming months, we will be relying extensively on Victor's long-standing and tested operational skills. In particular, Victor's experience in developing production strategies and metallurgical operations will serve Adex well as it moves towards re-starting mineral production at the Mine."

As part of his compensation, Mr. Hendricken has been granted 50,000 stock options, with each stock option entitling the holder to acquire one common share of the Company at a price of \$0.33. The stock options, which vest quarterly over a period of twelve months, expire on January 30, 2013.

ABOUT ADEX:

Adex Mining Inc. is a Canadian junior mining company with an experienced management team. The Company is focused on developing its flagship Mount Pleasant Mine Property, a multi-metal project that is host to promising tungsten-molybdenum and tin-indium-zinc mineralization. Located in Charlotte County, New Brunswick, Mount Pleasant is situated approximately 80 kilometres south of Fredericton, the provincial capital, and is 65 kilometres from the United States border. The common shares of Adex trade on the TSX Venture Exchange under the stock symbol "ADE".

FORWARD-LOOKING STATEMENTS

Certain statements in this press release may constitute "forward-looking" statements which involve known and unknown risks, uncertainties and other factors which may cause actual results, performance or achievements of Adex, its subsidiary or the industry in which they operate to be materially different from any future results, performance or achievements expressed or implied by such forward-looking statements. When used in this press release, the words "estimate", "believe", "anticipate", "intend", "expect", "plan", "may", "should", "will", the negative thereof or other variations thereon or comparable terminology are intended to identify forward-looking statements. Such statements reflect the current expectations of the management of Adex with respect to future events based on currently available information and are subject to risks and uncertainties that could cause actual results, performance or achievements to differ materially from those expressed or implied by those forward-looking statements. These risks and uncertainties are detailed from time to time, including, without limitation, under the heading "Risk Factors", in reports filed by Adex with the Alberta, British Columbia and Ontario Securities Commissions which are available at www.sedar.com and to which readers of this press release are referred for additional information concerning Adex, its prospects and the risks and uncertainties relating to Adex and its prospects. New risk factors may arise from time to time and it is not possible for management to predict all of those risk factors or the extent to which any factor or combination of factors may cause actual results, performance and achievements of Adex to be materially different from those contained in forward-looking statements. Although the forward-looking statements contained in this press release are based upon what management believes to be reasonable assumptions, Adex cannot assure investors that actual results will be consistent with these forward-looking statements. Given these risks and uncertainties, investors should not place undue reliance on forward-looking statements as a prediction of actual results.

The forward-looking information contained in this press release is current only as of the date of the press release. Adex does not undertake or assume any obligation to release publicly any revisions to these forward-looking statements to reflect events or circumstances after the date hereof or to reflect the occurrence of unanticipated events.

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The TSX Venture Exchange does not accept responsibility for the adequacy or accuracy of this press release.