

ADEX ANNOUNCES FILING OF FIRE TOWER ZONE NI 43-101 COMPLIANT TECHNICAL REPORT

Toronto – December 8, 2008 – Adex Mining Inc. (“Adex” or the “Company”) (TSX-V: ADE) is pleased to announce the filing of a National Instrument 43-101 (“NI 43-101”) compliant technical report (the “Technical Report”) on the Fire Tower Zone (“FTZ”) with the Ontario, British Columbia and Alberta securities commissions. The Technical Report, completed by Watts, Griffis and McOuat Limited, consulting geologists and engineers, is the final technical report in relation to the updated NI 43-101 resource estimate for the FTZ announced by Adex in a press release dated October 23, 2008 titled “Updated NI 43-101 Resource Estimate Reinforces Potential Of Adex Mining’s Fire Tower Zone At Mount Pleasant”.

The FTZ, one of two mineralized zones found at the Company’s Mount Pleasant Mine Property (“Mount Pleasant” or the “Property”) located in southwestern New Brunswick, Canada, is the site of a past-producing tungsten-molybdenum underground mining operation during the 1980s.

The Technical Report also includes an Executive Summary of the recently completed scoping study on the FTZ, the results of which were announced in a press release dated October 30, 2008 titled “Adex Announces Results For Fire Tower Zone Scoping Study” The FTZ scoping study was completed by Aker Metals, a division of Aker Solutions Canada Inc. The scoping study and the economic analyses contained therein are preliminary in nature and contain “Inferred” mineral resources that are considered too speculative geologically to have economic considerations applied to them that would enable them to be categorized as mineral reserves and there is no certainty that the results of the scoping study will be realized with more detailed work. Mineral resources that are not mineral reserves do not have demonstrated economic viability.

The Technical Report, entitled “A Technical Review of the Mount Pleasant Property, Including an updated Mineral Resource Estimate on the Fire Tower Zone, Southwestern New Brunswick for ADEX Mining Inc.” dated December 1, 2008 and completed by Paul Dunbar, M.Sc., P.Geo. Senior Associate Geologist of Watts, Griffis and McOuat Limited, Dorota A. El-Rassi, M.Sc., P.Eng., Geological Engineer of SRK Consulting and John S. Rogers, Professional Engineer of Aker Metals, a division of Aker Solutions Canada Inc., is now available on www.sedar.com.

Qualified Person

Trevor Boyd, P.Geo., the Company’s Geological Consultant and a qualified person as defined by National Instrument 43-101 (“NI 43-101”), supervised the preparation of the technical information contained in this press release in compliance with NI 43-101.

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-copper mineralization. Located in Charlotte County, New Brunswick, the Mount Pleasant Mine Property 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."

No securities commission or regulatory authority has approved or disapproved the contents of this press release.

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

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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, except as required by law.