

ADEX MINING AWARDS CONTRACT TO SGS LAKEFIELD RESEARCH LIMITED FOR MINERALOGY ASSESSMENT STUDIES

Toronto, Wednesday, May 21, 2008 – Adex Mining Inc. (“Adex” or the “Company”) (TSX-V: ADE) is pleased to announce the award of an ore mineralogy assessment contract for the development of tungsten, molybdenum, tin and indium at the Mount Pleasant Mine Property (the “Property”) located in southwestern New Brunswick.

Adex awarded the contract to SGS Lakefield Research Limited of Lakefield, Ontario for a detailed mineralogy assessment of ore at various locations within the Property’s Fire Tower Zone (“FTZ”) and North Zone (“NZ”). The assessment includes a detailed quantification of mineral types and liberation / association of various minerals containing tungsten, tin and molybdenum using QEMSCAN technology and X-ray diffraction analysis. A separated Electron Microprobe analysis will also be completed on the indium carrying minerals.

The mineralogy assessment program will be used to assist with on-going ore delineation drill programs, underground mine development planning and development of process systems for optimum metal recovery. A detailed grain size and liberation analysis of recoverable minerals will also provide information to assist with development of grinding, gravity separation and flotation test programs which are well underway at SGS Lakefield Research Europe Ltd., of Cornwall, United Kingdom.

SGS Lakefield Research Limited and SGS Lakefield Research Europe Ltd., which are leading mineralogy research and metallurgical testing firms, have identified ore characteristics which are ideally suited for optimum recovery of tin and tungsten using gravity and flotation separation techniques. The mineralogical assessment of various locations within the two mineralized zones will improve on the understanding of run-of-mine variability and design of gravity - flotation separation process for both the FTZ and NZ.

The mineralogical assessment program is scheduled for completion within 14 weeks. Based on the results of the metallurgical tests and the detailed assessment of mineralogy within the FTZ and NZ, a preliminary metallurgical process will be defined for optimum primary mineral recovery at the Property.

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, 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”.

FOR FURTHER INFORMATION PLEASE CONTACT:

Kabir Ahmed
President, Chief Executive Officer and Director
Adex Mining Inc.
1-866-508-2339 (ADEX)
Email: investorrelations@adexmining.com
Website: www.adexmining.com

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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.