

ADEX MINING AWARDS CONTRACT TO SGS LAKEFIELD RESEARCH EUROPE FOR INITIAL METALLURGICAL PROGRAM DESIGNED TO ESTABLISH PROCESS FOR INCREASING METAL RECOVERIES AT MOUNT PLEASANT

Toronto, Wednesday, April 16, 2008 – Adex Mining Inc. (“Adex” or the “Company”) (TSX-V: ADE) is pleased to announce the award to SGS Lakefield Research Europe Ltd. of Cornwall, United Kingdom of a contract for the development of a gravity – flotation separation process for the processing of tungsten, molybdenum, tin and indium at its Mount Pleasant Mine Property (“Mount Pleasant” or the “Property”) located in southwestern New Brunswick.

The contract is for the initial bench scale simulation of a gravity - flotation separation process designed to recover tungsten concentrates from the Fire Tower Zone at the Property, which hosts the Tungsten-Molybdenum ore deposits. The test program also includes the development of the process for the production of tin concentrates from the North Zone ore deposits. The gravity – flotation separation process provides the primary separation of tungsten or tin with the co-production, respectively, of molybdenum disulfide concentrate and base metal sulfide concentrate containing high concentrations of indium.

SGS Lakefield Research Europe Ltd., a leading research and metallurgical testing laboratory, has a bench scale/pilot test facility in Cornwall for the simulation and development of the proposed gravity – flotation process. The firm has extensive experience in the processing of ore similar to the ore from the Mount Pleasant ore zones using gravity and flotation separation techniques. Both the Cornish South Crofty tin and Wheal Jane tin and tungsten ore processing plants in the United Kingdom were optimized by the project team at SGS Lakefield Research Europe Ltd.

The proposed multi-stage grind and gravity – flotation process is being tested to define the metallurgical performance of the fully integrated process technology. Pilot test programs prior to the closure of the Mount Pleasant Mine in 1985 and subsequent metallurgical test programs have identified gravity separation as a viable technology to enhance the recovery of tungsten and tin. A fully integrated grinding – gravity – flotation flowsheet has evolved as a result of a detailed assessment of previous operations at Mount Pleasant and extensive process development programs.

The initial bench scale test program to develop the gravity – flotation flowsheet is scheduled for completion before the end of the third quarter of 2008. Based on the metallurgical results of the proposed flowsheet, a continuous pilot scale program is expected to be commenced immediately after the bench scale program.

“The awarding of this contract to SGS Lakefield Research Europe is a significant step in the pathway to defining the optimal production strategies and enhancing the recoveries for the four primary metals, Tungsten, Molybdenum, Tin and Indium, hosted at Mount Pleasant”, said Kabir Ahmed, President & CEO of Adex. “We continue to make major progress in advancing the Mount Pleasant project towards economic production.”

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".

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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