

ADEX MINING ANNOUNCES THE COMMENCEMENT OF DRILLING ON MOUNT PLEASANT PROPERTY

Toronto – October 28, 2010 – Adex Mining Inc. (“Adex” or the “Company”) (TSX-V: ADE) is pleased to provide an update on its development activities at its wholly-owned Mount Pleasant Mine Property (“Mount Pleasant” or the “Property”), located in south-western New Brunswick, Canada. The Property includes two potentially economic mineral deposits, the tin-indium-zinc (“Sn-In-Zn”) North Zone and the tungsten-molybdenum (“W – Mo”) Fire Tower Zone.

Adex has commenced a 3,500 metre diamond drilling program on the property with the arrival of the first of two drill rigs to be used for its fall drilling program. The program will focus on targets in the North Zone in order to upgrade the inferred resources in the deposit to the 43-101 “indicated” category. The total Sn-In-Zn 43-101 resource estimate presently includes an “indicated” resource of 10,882,700 tonnes grading 0.43% Sn, 67.8 g/t In and 0.67% Zn plus an “inferred” resource of 7,602,800 tonnes grading 0.22% Sn, 74.6 g/t In and 0.99% Zn. The work is being conducted by Adex in conjunction with an upcoming definitive feasibility study of the North Zone.

Details of the North Zone resource estimate are compiled in the National Instrument 43-101 (“NI 43-101”) compliant Technical Report, entitled “A Technical Review of the Mount Pleasant Property, Including a Mineral Resource Estimate on the North Zone, Southwestern New Brunswick for Adex Mining Inc.”, dated May 6, 2009 and completed by Watts, Griffis and McOuat Limited, Consulting Geologists and Engineers, and SGS-Geostat Limited, which is available on SEDAR at www.sedar.com. Trevor Boyd, P.Geol., the Company’s Geological Consultant and a qualified person as defined by 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 mineralization. Located in Charlotte County, New Brunswick, the Mount Pleasant Mine Property is 80 kilometres south of Fredericton, the provincial capital, and 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:

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No securities commission or regulatory authority has approved or disapproved the contents 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.