

## ADEX REPORTS FINAL PHASE 1 RESULTS FOR NORTH ZONE AT MOUNT PLEASANT

**Toronto – September 18, 2008** – Adex Mining Inc. (“Adex” or the “Company”) (TSX-V: ADE) is pleased to announce the final analytical results for the North Zone (“NZ”) Phase 1 definition drilling program at its Mount Pleasant Mine Property in southwestern New Brunswick, Canada. The results are for sampled core from 2,718 metres of drilling over eight vertical holes that tested the Property’s Deep Tin and North Adit mineralized bodies within the NZ.

Summary analyses for NZ Holes AM-08-01 to AM-08-07 and Hole AM-08-10 are listed as follows:

Hole Identification	From (m)	To (m)	Tin (wt.%)	Indium (g/t)	Zinc (wt.%)	Copper (wt.%)	Bismuth (wt.%)	Tungsten (wt.%) (WO <sub>3</sub> )	Molybdenum (wt.%) (MoS <sub>2</sub> )	Arsenic (wt.%)
<b>AM-08-01</b>	6	255	0.16	36	0.55	0.07	0.11	0.11	0.06	2.28
Including	147	159	0.44	408	8.19	0.50	0.15	0.22	0.14	1.67
Including	219	255	0.78	12	0.05	0.13	0.23	0.13	0.08	4.69
<b>AM-08-02</b>	9	240	0.08	34	0.56	No significant Values	0.06	0.23	0.11	0.98
Including	90	159	0.10	43	0.60	0.07	0.06	0.47	0.11	1.14
Plus	366	369	3.94	9	No significant values	0.24	No significant values	0.20	No significant values	0.12
<b>AM-08-03</b>	12	210	0.20	258	2.10	0.20	0.06	0.08	0.09	0.78
Including	63	81	0.27	1920	9.08	1.22	0.12	0.13	0.08	2.02
Plus	321	339	0.44	116	0.53	0.14	0.10	0.12	0.13	1.95
<b>AM-08-04</b>	7	195	0.12	109	0.53	0.04	0.04	0.14	0.07	0.68
Including	27	42	0.21	697	7.47	0.19	No significant values	No significant Values	No significant values	3.66
Including	162	195	0.30	153	1.08	0.06	0.06	0.27	0.20	0.23
<b>AM-08-05</b>	7	127	0.06	126	1.30	0.04	No significant values	No significant Values	No significant values	0.81
Including	28	43	0.13	602	6.17	0.17	No significant values	No significant Values	No significant values	3.22
<b>AM-08-06</b>	3	84	0.25	44	1.04	0.06	No significant values	No significant Values	No significant values	1.33
plus	258	285	1.24	38	0.70	0.08	0.11	0.18	0.14	0.36
Including	261	264	10.7	146	3.61	0.14	0.12	0.25	0.20	0.44
<b>AM-08-07</b>	5	218	0.12	81	0.96	0.06	0.07	0.14	0.05	0.87
including	20	41	0.07	463	5.01	0.17	No significant values	No significant Values	No significant values	1.41
Including	125	185	0.26	62	0.35	0.04	0.07	0.13	0.07	0.74
<b>AM-08-10</b>	17	230	0.14	55	0.65	0.11	0.08	0.18	0.08	1.45
plus	269	311	0.25	52	0.58	0.12	No significant values	No significant Values	No significant values	1.62
plus	371	410	1.07	10	0.19	0.08	No significant values	No significant Values	No significant values	0.68

Holes AM-08-01 to AM-08-04, AM-08-06, AM-08-07 and AM-08-10 were drilled to better delineate the NZ as part of Adex's National Instrument 43-101 ("NI 43-101") compliant evaluation of its NZ tin-indium-zinc-copper (Sn-In-Zn-Cu) zones. Hole AM-08-05 was drilled to only 127 metres as a twin hole of Hole AM-08-04 and Hole AM-08-10 was drilled as a twin hole of historical Hole E-8. The analytical results from these holes were found to be comparable with their twins.

The results of the Phase 1 definition drilling program were either consistent with or better than the expectations of management of Adex. Specifically, in the NZ, Sn-In-Zn and tungsten-molybdenum ( $\text{WO}_3\text{-MoS}_2$ ) bearing mineralization was found to occur and extend to shallower depths than expected, as indicated in the analytical results reported from Holes AM-08-01, AM-08-02, AM-08-03 and AM-08-04.

The Phase 2 drill program, designed to expand the size of the mineral resources at the NZ, has now been completed. The drill results, once available, will allow for a better understanding of the lateral extent of the North Adit mineralization to the north, west and east of Holes AM-08-01 and AM-08-02, and the Deep Tin mineralization to the south, southwest and southeast of Holes AM-08-03 and AM-08-04. Analytical results are pending from the Phase 2 exploration drill program.

The nature of the geological setting of the Mount Pleasant mineralized bodies hosted within and along the contacts of granite bodies and breccias results in highly variable shapes and orientations of its zones. For this reason, no estimation of true widths can be provided from these results at this stage. Besides the exploration drilling, an extensive program of additional splitting and sampling of historical core plus the completion of missing indium analyses for sample pulps and split core stored on the property is continuing in order to better define the shape and extent of these bodies. Analyses remain pending for much of this work and will be summarized in separate news releases.

The 2008 drilling program is part of an ongoing review of the Mount Pleasant Mine Property with the purpose of completing an independent NI 43-101-compliant evaluation of the NZ. The results of this drilling program and the additional sampling of historical core in the vicinity of these holes are being compiled and incorporated into Adex's GEMCOM database with the purpose of generating an NI 43-101 compliant deposit model and resource estimate for the NZ mineralized bodies.

The historical, non-NI 43-101 compliant total "resource" at the NZ and the Deep Tin Zone consists of 3,645,429 tonnes of 0.80wt.% (weight percent) tin, 107 ppm (107 g/t) indium, 0.87wt.% zinc and 0.19wt.% copper, based on a 1997 feasibility study completed by Kvaerner Metals Davy Ltd. These historical estimates were prepared prior to the implementation of NI 43-101. A qualified person has not done sufficient work to classify these historical estimates according to NI 43-101 standards or the Canadian Institute of Mining, Metallurgy and Petroleum Definition Standards and Adex is not treating these historical estimates as current mineral resources as defined in NI 43-101. They are presented because Adex considers them to be relevant and of historic significance. These historical estimates should not be relied on.

Additional information concerning the Mount Pleasant Mine Property is contained in the NI 43-101 compliant Technical Review of the Mount Pleasant Property, Including a Mineral Resource Estimate for the Fire Tower Zone Southwestern New Brunswick dated August 1, 2006 completed by Paul Dunbar, M.Sc., P.Geo., Senior Associate Geologist, Andrew Hara, P.Eng., Senior Associate Mining Engineer, Robert de l'Etoile, M.Sc., P.Eng., Senior Associate Engineer, and Dorota A. El-Rassi, M.Sc., P.Eng., Geological Engineer of Watts, Griffis and McOuat Limited, and Dr. Trevor Boyd, Ph.D., P.Geo., Independent Consultant, which is available at [www.sedar.com](http://www.sedar.com)

### **Quality Assurance/Quality Control**

Adex Mining has implemented an industry standard QA/QC program. Core is split in half using a hydraulic core splitter, sealed in secure packages and shipped by bonded carrier to S.G.S. Laboratories in Toronto for analysis using sodium peroxide fusion with ICP-MS finish for indium and ICP-OES finish for tungsten, molybdenum, tin, bismuth, arsenic, zinc, copper and lead. A pulp duplicate unknown to the laboratory is submitted per batch of 10 samples and sent to a second laboratory, while a polymetallic standard unknown to the laboratory is included with each shipment of duplicate samples. S.G.S. fulfills standard QA/QC protocols.

### **Qualified Person**

The Mount Pleasant exploration program is being conducted under the direction of Trevor Boyd, P.Geo., the company's independent Geological Consultant and a qualified person as defined by National Instrument 43-101. Mr. Boyd 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 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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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](http://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.