

ADEX MINING CONCENTRATE OPTIMIZATION PROGRAM TEST RESULTS

Toronto – March 7, 2011 – Adex Mining Inc. (“Adex” or the “Company”) (TSX-V: ADE) is pleased to announce initial results from its North Zone (“NZ”) concentrate testing program being conducted at SGS Lakefield in Lakefield, Ontario.

A zinc/indium concentrate grading 48.2% zinc and assaying 5,310 parts per million (“PPM”) indium with 95.6% zinc and 91.7% indium recovery was produced in locked cycle test work (“LCT”) completed on February 18, 2011. Bench testing leading up to the LCT demonstrated the reliability and robustness of the zinc/indium concentrate recovery circuit, which was confirmed by the LCT. A follow-up sulphide LCT was conducted on March 7, 2011 to further confirm results from the February 18, 2011 LCT. Results from this LCT are expected in about two weeks.

It is planned that the zinc/indium concentrate from this phase of production will feed the hydrometallurgical plant to produce zinc metal and indium sponge metal. As reported in the Company’s press release dated January 20, 2011, the hydrometallurgical test facility produced 96.25% indium sponge and 98.89% zinc metal using Adex’s unique chloride production process.

With the zinc/indium concentrate process testing complete, Adex will now focus on optimizing its tin concentrate flowsheet. Tin bench scale testing using fresh core material has begun and will continue over the next month. Results from tin grade and recovery optimization are anticipated in 4-6 weeks.

The SGS concentrate flowsheet development test program has been ongoing for the past 10 months starting with over 50 bench and LCTs in the spring of 2010, followed by over 110 hours of piloting. The pilot plant consumed 60 tonnes of NZ resource material providing data used to define a flowsheet for the production of zinc/indium and tin concentrates. Test data from all of the test programs will be available to support a Definitive Feasibility Study.

“This completes another step in our march toward a production decision” says Errol Farr, Adex President and CEO. “As previously stated, the potential to produce and market high grade tin, indium and zinc products places Adex in a unique position amongst junior mining companies.”

Indium production at Mount Pleasant is planned at 40 tonnes per year (“tpy”), with zinc metal production planned at about 4,000 tpy of zinc metal. Adex also plans to produce about 1500 tpy of tin metal either as high purity metal or as metal contained in tin concentrate.

QUALIFIED PERSON

J. Dean Thibault, P. Eng., Senior Process Chemical Engineer and Principal of Thibault & Associates Inc., an independent 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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