



News Release

FIELDDEX STARTS DRILLING ON ITS RARE EARTH ELEMENTS LAC SAIRS PROPERTY IN QUEBEC

Rouyn-Noranda, Canada, January 22, 2010. Fieldex Exploration Inc. (FLX: TSXV and F7E: Frankfurt) commences a drilling program on the Company's Lac Sairs property located 100 kilometers northeast of North Bay (Ontario) within northwestern Quebec near the Quebec-Ontario border. The property comprises 56 claim blocks with a total area of approximately 3,200 hectares or 32 square-kilometers.

The company intends to drill 17-holes, totaling 2,820 m (see our drill hole location map on our website at <http://www.fieldexexploration.com> . Additional information will be communicated in the near future as the winter 2010 exploration program advances.

The property occurs within the Kipawa basin in Proterozoic Grenville Province. The basin comprised of metamorphosed and folded sedimentary sequences that have been intruded by composite intrusive bodies. The most important intrusive rocks on the property an alkaline intrusive complex, which is also folded along with the sedimentary host rock.

Quality Assurance/Quality Control

Fieldex Exploration has implemented and adheres to a strict Quality Assurance/Quality Control program for gold which includes mineralized standards and blanks for each batch of samples. Assay samples are taken from drill core sawed in half with one half sent to a commercial laboratory and the other half retained for future reference.

Qualified Person

The work program is carried out under the supervision of Robert Sansfaçon, geologist and qualified person as per National Instrument 43-101.

About Fieldex:

Fieldex is a mineral resource company actively exploring in Quebec for nickel-copper-platinum group metal deposits located throughout Northern Quebec, representing over 600 km². FNX

Mining Company owns 6,500,000 shares of Fieldex Exploration Inc. Fieldex has 57,922,018 shares outstanding, a cash position of \$3.4M and an investment of 800,000 shares in Visible Gold Mines Inc.

Forward-looking Statements

This news release contains certain forward-looking statements. These forward-looking statements are subject to a variety of risks and uncertainties beyond the ability of Fieldex to control or predict, which could cause actual events or results to differ materially from those anticipated in such forward-looking statements, including risks disclosed in filings with the Canadian securities regulators made by Fieldex. Accordingly, readers should not place undue reliance on forward-looking statements.

Neither TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in the policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of the release.

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