This is the form of a material change report required under Section 85(1) of the *Securities Act* and Section 151 of the *Securities Rules*.

**BC FORM 53-901F**

**Securities Act**

**MATERIAL CHANGE REPORT UNDER SECTION 85(1) OF THE ACT**

**Item 1. Reporting Issuer**

Tirex Resources Ltd.
5052 Victoria Drive
Vancouver, B.C. V5P 3T8

**Item 2. Date of Material Change**

January 28th 2008

**Item 3. Press Release**

News Release dated January 28th 2008 was disseminated by Stockwatch and Market News.

**Item 4. Summary of Material Change**

Tirex Resources Ltd. ("Tirex") is pleased to announce that the core drill has started turning at the Mirdita Project. The start of drilling represents the commencement of an aggressive and intense phase of exploration at Mirdita.

**Item 5. Full Description of Material Change**

Tirex Resources Ltd. ("Tirex") is pleased to announce that the core drill has started turning at the Mirdita Project. The start of drilling represents the commencement of an aggressive and intense phase of exploration at Mirdita.

Based on favourable results from ongoing research, geophysics and other fieldwork, Tirex has expanded the size of the drill program to 13,500 metres. Funding for the expansion of this initial phase of drilling is available, in part, due to the recent institutional financing at $2.75 per share.

One of the initial drill targets for the drill program is the Koshaj Deposit which is one of many deposits previously drilled and partially defined on the property by the State Mining Company. It was reported to be a zinc-rich deposit which was not mined because of a lack of zinc processing facilities. Tirex drill targets at Koshaj were identified by a combination of historical data compilation, results from the Tirex 2007 airborne geophysical survey and the follow up UTEM ground geophysical work.

Bryan Slusarchuk, CEO, states, *"With the start of the drill program, Tirex enters into the most exciting phase of its short history. Until now the potential of the Mirdita Project was based on historical data, Tirex surface work and airborne geophysics. The drilling will now give us direct samples of what is in the ground and, we hope, the start of the next phase of dynamic growth in the company."*

Tirex's focus is the exploration and development of the large 344 square kilometer Mirdita Property in Albania. The property is readily accessible by paved and gravel roads and is located 70 km north of the capital city of Tirana. The property covers the core of the historically productive Mirdita VMS base metal district. It represents an opportunity to explore copper, zinc, gold and silver zones that were previously partially mined, explored or evaluated at lower metal prices, and provides an opportunity to apply modern exploration techniques toward the discovery of new VMS deposits or extensions of known zones. The Mirdita exploration project is managed by an experienced team of five Canadian geologists and other professionals, and several senior Albanian geologists, geophysicists and surveyors.

Further details on the company and the Mirdita Project can be found on the Tirex website at www.TirexResources.com .

George Gorzynski, P.Eng., a Qualified Person under the meaning of Canadian National Instrument 43-101 and a director of Tirex, is responsible for the technical content of this news release.

ON BEHALF OF THE BOARD
*"Bryan J.R. Slusarchuk"*
Bryan Slusarchuk, CEO and Director

**Item 6. Reliance on Section 85(2) of the Act**

If the report is being filed on a confidential basis in reliance on Section 85(2) of the Act, state the reasons for such reliance.

N/A

**Item 7. Omitted Information**

N/A

**Item 8. Senior Officers**

Bryan Slusarchuk
CEO & Director

Telephone: (604) 687-7160

**Item 9. Statement of Senior Officer**

The foregoing accurately discloses the material change referred to herein.

**DATED** at Vancouver, British Columbia this 28th day of January 2008

**TIREX RESOURCES LTD.**

Per: "Bryan Slusarchuk"

Bryan Slusarchuk

CEO & Director