FORM 51-102F3

MATERIAL CHANGE REPORT

Item 1 Name and Address of Company

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

Item 2 Date of Material Change

October 7, 2009

Item 3 News Release

The news release dated October 7, 2009 was issued from Vancouver, BC, and disseminated through Canada Stockwatch and Market News.

Item 4 Summary of Material Change

Tirex Resources ("Tirex") is pleased to announce that a second drill will begin turning at the company's Mirdita District. The second drill will test East Slope Trend anomalies with a focus on new discoveries and will be turning within one week.

Item 5 Full Description of Material Change

Tirex Resources ("Tirex") is pleased to announce that a second drill will begin turning at the company's Mirdita District. The second drill will test East Slope Trend anomalies with a focus on new discoveries and will be turning within one week.

The East Slope Trend has never been drilled and has never been the subject of any previous modern and systematic exploration.

Prior to Tirex's arrival in Albania, little was known about the East Slope Trend. The trend is considered to be **of equal potential importance to the Gurthi and Munelle Trends** which hosted multiple historic mines and VMS deposits. It is largely hidden by a thin limestone cap that covered the favourable volcanic host rocks and potential mineralization.

When Tirex flew the country's first ever airborne geophysical survey, the East Slope Trend was first identified. The trend has since become the subject of significant Tirex ground work including detailed geological mapping, stream sediment sampling and ground geophysics. Stream sediment sampling from creeks that drain the Trend were highly anomalous with copper values of 70-637ppm. Based on the airborne electromagnetic results, two Induced Polarization ("IP") lines (each about 2km long) were carried out across the trend. High priority drill targets, resulting from this ground work, have been identified. The target deposit type is Noranda-style VMS deposits. Such deposits on the Gurthi and Munelle Trends to the west host high grade copper, zinc, gold and silver mineralization.

George Gorzynski, P.Eng and Tirex Director states, *"Armed with the data generated from significant ground work completed during the past year, Tirex is ready to drill the East Slope*

Trend. This trend, never before drilled, represents multiple opportunities for discovery. The initial identification of this trend and the subsequent target definition work are indicative of what modern exploration in this large historically producing District can do. "

A map showing the East Slope Trend in relation to the historically producing Gurthi and Munelle Trends can be found on the company website at www.tirexresources.com.

In addition to the discovery focused drilling on the East Slope Trend, Tirex continues to drill step out holes at Letitna, targeting potential large tonnage VMS mineralization. Letitna is a thick zone of strong mineralization, open for expansion in every direction. Assays from recent holes drilled at Letitna are expected soon. George Gorzynski, P.Eng.,Tirex Director, and a Qualified Person under the meaning of Canadian National Instrument 43-101, is responsible for the technical content of this news release.

Tirex is a company purpose-built to explore and develop the large 553 square kilometer Mirdita District in Albania. The nature of the VMS mineralization in this District provides Tirex investors with exposure to a high grade basket of metals: Copper, Zinc, Gold, and Silver. 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 and extensions of known zones. In addition to the 17 historical deposits identified by previous state-run exploration, Tirex has identified numerous high priority exploration targets resulting from the 2007 airborne geophysical survey, ongoing ground geophysics, geological mapping and other field work. The Mirdita exploration project is managed by an experienced team of 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 .

Item 6 **Reliance on subsection 7.1(2) or (3) of National Instrument 51-102**

Confidentiality is not requested.

Item 7 **Omitted Information**

No information has been omitted in respect of the material change.

Item 8 **Executive Officer**

Bryan Slusarchuk, CEO and Director
Tel (604) 687-7160

Item 9 **Date of Report**

October 7, 2009