**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

July 30, 2009

## Item 3 News Release

The news release dated July 30, 2009 was issued from Vancouver, BC, and disseminated through Canada Stockwatch and Market News.

## Item 4 Summary of Material Change

Tirex Resources is pleased to announce that the company has expanded the size of the Mirdita District by an additional 201 sq km (77.6 sq miles).

**This significant land expansion results in Tirex's Mirdita District increasing from 352 sq km to 553 sq km, an increase of 57%.**

## Item 5 Full Description of Material Change

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**This significant land expansion results in Tirex's Mirdita District increasing from 352 sq km to 553 sq km, an increase of 57%.**

The decision to apply for this increase, subsequently granted by way of a 201 sq km prospecting permit, was based on continued drilling success in known areas of mineralization and on continued field progress on the many undrilled geophysical and geological targets.

**In 2008, Tirex drilled wide intersections of strong mineralization in three separate areas of the Mirdita District.** These three areas are Koshaj, South Gurthi No. 2 and Letitna. Koshaj is a zinc rich zone with high grade gold and silver values, South Gurthi No. 2 is a copper rich zone with high grade gold values and Letitna is a zone with significant size potential with early drill results including high grade copper, zinc, gold and silver values.

Tirex's most recently announced hole at Letitna (see News Release NR 08-2009, dated July 13th, 2009) returned 46m (151 ft) of 0.70% Copper, 2.68% Zinc, 20.8 g/t Silver and 1.6 g/t Gold including 11.1m (36.4 ft) of 2.18% Copper, 3.80% Zinc, 38.0 g/t Silver and 4.0 g/t Gold including 8.1m (26.5 ft) of 2.59% Copper, 4.70% Zinc, 39.7 g/t Silver and 5.1 g/t Gold and including 2.0m (6.6 ft) of 2.54% Copper, 6.74% Zinc, 18.3 g/t Silver and 14.1 g/t Gold.

**Letitna remains open in every direction for expansion and Tirex is conducting an aggressive drill program at Letitna in 2009 to test the very significant tonnage potential in the area.**

While the large tonnage potential at Letitna is one focus for Tirex in 2009, other components of the work at Mirdita include advanced stage definition and expansion drilling at Koshaj and South Gurthi No. 2 and continued exploration, geared towards discovery, of the many undrilled targets that Tirex has identified in the District. Multiple undrilled areas of the District are now drill ready based on extensive 2008 field work. **The 2009 program is therefore a combination of advanced stage work geared towards resource calculations and exploration work with a discovery focus.**

In conjunction with the planned rapid ramp-up of activity onsite at Mirdita, Tirex has arranged an equity financing through the issuance of 4.3m common shares at $0.70 per share for gross proceeds of CAD $3,010,000. Once this equity financing is completed, Tirex has the right to draw down matching funds from the European Bank for Reconstruction and Development (EBRD) under the terms of its loan agreement with the EBRD dated October 9th, 2008. **To date, Tirex has drawn down EUR 3 million of the EUR 6 million EBRD facility.** Tirex plans to utilize the $3,010,000 equity private placement to advance the Mirdita District and then strategically draw down the EBRD matching funds at a later date, at a time that maximizes shareholder value.

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 Mirdita District 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**

July 30, 2009