

Tower Resources Reports up to 96.9% Gold Recoveries from Initial Metallurgical Test Work at JD Property

17.09.2013 | [The Newswire](#)

Vancouver, B.C. - [Tower Resources Ltd.](#) Reports the results of preliminary metallurgical testing on samples from the JD Gold Project in the Toodoggone Gold District of north central British Columbia. The JD Property is comprised of over 15,000 hectares located approximately 50 kilometres north of [AuRico Gold Inc.](#)'s past producing Kemess Mine.

A composite sample of drill core from drill hole JD-12-001, drilled within the Finn Zone (see Tower's August 29, 2012 News Release), was selected for initial testing, in particular samples from 23 to 45 meters down hole were chosen. The average grade of the composite is 1.25 g/t Au and 24.70 g/t Ag. The sample was selected to represent different lithologies and alteration assemblages associated with lower to moderate grade mineralization within the Finn Zone. This was deemed a critical first step because high extraction of gold from lower-grade material will add to the overall economic potential of the project.

The sample was submitted to Inspectorate Exploration & Mining Services Ltd. in Richmond B.C. and was subjected to three tests including gravity concentration at two grind sizes and cyanide leach and flotation assessment at three grind sizes each.

The samples subjected to centrifugal gravity separation at a grind size of P80 100 microns yielded a recovery of 47.8% of the gold and 13.5% of the silver.

The samples responded well to bottle-roll leach testing with an average of 86.5% gold extraction and 55.8% silver extraction at a grind P80 size of 100 microns. The leach kinetics responded well to finer grinding with maximum gold extraction occurring in less than 40 hours at P80 at 75 microns. At this grind size, 82.7% gold extraction and 55.8% silver extraction was attained.

In the flotation test gold recoveries of up to 96.9% at grind size of P80 75 microns and silver recoveries of up to 92.5% at P80 100 microns were attained after 8 minutes of flotation. Gold recovery reportedly increased with decreasing grind size.

It is recommended by Inspectorate to pursue a sequential gravity - flotation and gravity - cyanide leaching tests to evaluate combined metal recoveries. Finer grinding is recommended prior to cyanide leaching to help further liberate the metals from the sulphide mineral matrix and maximize leach extraction.

As well Tower plans to follow-up this initial metallurgical study with detailed analyses of higher grade composites typical of the core of the Finn Zone.

President Mark Vanry states "We are pleased with these preliminary results from initial metallurgical testing at JD. The composite samples are amenable to high recoveries of gold and silver by conventional cyanidation and sulphide floatation extraction methods. Characterizing the metallurgy of the high-grade core of the Finn Zone will be our next step."

Testing was performed by the Metallurgical Division of Inspectorate Exploration and Mining Services Ltd., of Richmond, British Columbia. Results have been reviewed and approved by Kenneth Thorsen, BSc, P.Eng, a consultant of the company and qualified person for the purposes of National Instrument 43-101 -- Standards of Disclosure for Mineral Properties of the Canadian Securities Administrators.

Tower Resources Ltd.

Mark Vanry - Director, CEO & President

(604) 558-2565

mvanry@towerresources.ca

www.towerresources.ca

Neither the TSX Venture Exchange nor the Investment Industry Regulatory Organization of Canada accepts responsibility for the adequacy or accuracy of this release.

Forward-Looking Statement Caution

This news release contains certain "forward-looking statements", as defined in the United States Private Securities Litigation Reform Act of 1995, and within the meaning of Canadian securities legislation. The Company cautions that forward-looking statements are based on the beliefs, estimates and opinions of the Company's management on the date the statements are made and they involve a number of risks and uncertainties. Consequently, there can be no assurances that such statements will prove to be accurate and actual results and future events could differ materially from those anticipated in such statements. The Company undertakes no obligation to update these forward-looking statements if management's beliefs, estimates or opinions, or other factors, should change, except as required by law. There are numerous risks and uncertainties that could cause actual results and Tower's plans and objectives to differ materially from those expressed in the forward-looking information. The reader is urged to refer to the Company's public disclosure which is available through the Canadian Securities Administrators' System for Electronic Document Analysis and Retrieval (SEDAR) at www.sedar.com for a more complete discussion of such risk factors and their potential effects.

Copyright (c) 2013 TheNewswire - All rights reserved.

Dieser Artikel stammt von Rohstoff-Welt.de

Die URL für diesen Artikel lautet:

<https://www.rohstoff-welt.de/news/156799--Tower-Resources-Reports-up-to-96.9Prozent-Gold-Recoveries-from-Initial-Metallurgical-Test-Wok-at-JD-Property.l>

Für den Inhalt des Beitrages ist allein der Autor verantwortlich bzw. die aufgeführte Quelle. Bild- oder Filmrechte liegen beim Autor/Quelle bzw. bei der vom ihm benannten Quelle. Bei Übersetzungen können Fehler nicht ausgeschlossen werden. Der vertretene Standpunkt eines Autors spiegelt generell nicht die Meinung des Webseiten-Betreibers wieder. Mittels der Veröffentlichung will dieser lediglich ein pluralistisches Meinungsbild darstellen. Direkte oder indirekte Aussagen in einem Beitrag stellen keinerlei Aufforderung zum Kauf-/Verkauf von Wertpapieren dar. Wir wehren uns gegen jede Form von Hass, Diskriminierung und Verletzung der Menschenwürde. Beachten Sie bitte auch unsere [AGB/Disclaimer!](#)

Die Reproduktion, Modifikation oder Verwendung der Inhalte ganz oder teilweise ohne schriftliche Genehmigung ist untersagt!
Alle Angaben ohne Gewähr! Copyright © by Rohstoff-Welt.de -1999-2026. Es gelten unsere [AGB](#) und [Datenschutzrichtlinien](#).