

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.

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<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>

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