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Exploration Series
"Early stage active Projects"

7:15 – 8:30 am, Tuesday March 12, 2013

Discovery Center, Geological Survey of Canada
1500 - 605 Robson Street, Vancouver, BC
Cost: $5 – Pay at Door – Coffee & muffins provided
***RSVP*: space is limited; please pre-register by email at: morning_talks@gac-cs.ca**

JD Gold – Silver Project: Toodoggone, BC

Discussion Leader: Christopher Leslie, MSc, Vice-President Exploration,
Tower Resources Ltd.

Tower Resources Ltd., is a newly created junior exploration company focused on gold and silver exploration in British Columbia. The company's flagship asset is the JD Project in the Toodoggone Gold District of north-central BC. The property comprises over 15,000 hectares located 200 kilometres east of Dease Lake, BC and approximately 50 kilometres north of Aurico Gold Inc's past producing Kemess Mine.

The JD Property is underlain by a thick succession of Lower Jurassic interlayered volcaniclastic and intermediate volcanic rocks assigned to the Toodoggone Formation (Hazelton Group equivalent) of the Stikine terrane. Mineral deposit types characteristic of the Toodoggone Gold Belt comprise copper - gold porphyry deposits (e.g., Kemess) and low-sulphidation epithermal deposits (e.g., Baker and Cheni) hosted in high-angle vein systems. Mineralization at the JD Property, in particular the Finn Zone, is atypical of epithermal gold systems in the area. Here, gold and silver mineralization is hosted along a property-scale low angle thrust fault (or a porous volcaniclastic horizon) where pervasive silicification was accompanied by hydrothermal brecciation and gold deposition in the hanging wall to the structure. This structure has a mapped strike length of over 3 kilometres; however it has only been tested systematically at the Finn Zone. Over 200 drill holes were completed at the Finn Zone in the mid 1990's when the operators were exploring for high-grade (>3.0 g/t Au) gold mineralization, therefore holes were not systematically sampled and only a few step-out holes were completed. Tower compiled this historic data, developed a new 3D model for gold mineralization, and identified areas that remained open.

In 2012 Tower completed 18 drill holes totaling 3000 meters aimed at confirming historic grades, confirming mineralization continuity and exploring peripheral to the historic drill grid in step-out holes. Tower drill tested the system for 430 meters along strike and 530 meters down dip and hit gold and silver mineralization in all holes within this area. For example, Tower intersected near-surface gold and silver mineralization in the core of the Finn Zone (e.g., 31.5 meters grading 3.65 g/t Au with 52.21 g/t Ag) and hit 20 meters of 1.55 g/t Au in a step-out hole 350 meters north of the Finn Zone core. These new drill data coupled with data acquired from a 2700 sample soil geochemical survey and a 110 rock-chip sample program over the property will be discussed.

A summary of the work and results, ***intended to stimulate discussion of future efforts on the project***, will be presented.