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## <u>Romios Gold's Titan 24 Survey Detects Large Conductor 500 by 300 by 200 Metres</u> <u>Below Known Copper Gold Porphyry Mineralization at Trek.</u>

The management of **Romios Gold Resources Inc.** ("Romios" or "the Company") is pleased to announce the results of the Titan 24 geophysical survey carried out by Quantec Geoscience (Quantec) during August 2010 on its Trek Property in the Galore Creek area in north-western British Columbia. The objective of the survey was to map and detect porphyry mineralization at depth targeting the North and Tangle Zones. Titan 24 surveys have been a part of the successful identification of porphyry ore bodies and extensions of known ore bodies at other locations in British Columbia. The surveys measured the resistivity (DC), induced polarization (IP), and magnetotelluric (MT) properties of the underlying rock.

# **Highlights of the Survey:**

- The survey identified a large deep conductor 500 metres long, 300 metres wide and 200 metres high across all three lines in the North Zone. This conductor remains open to the North and the South. This new feature, which lies east and below the previous drilling and occurs from 500 to 675 metres below surface, represents the main target for future drilling. The conductor provides an opportunity for significant added tonnage to the North Zone.
- The analysis and interpretation of the DC, IP and MT results also identified several chargeable anomalies above the deep conductive zone. These anomalies coincide reasonably well with the results of the existing 23 drill holes on the North Zone. The Company intends to continue drill testing these anomalies in its next drill program.
- On the Tangle Zone, three pronounced IP anomalies were identified along the profile. These are located above a deep conductive zone which is the main drill target in the Tangle Zone. The IP anomalies and the deep conductor correlate well with grab sample assays and a significant soil copper-gold geochemical anomaly. Romios intends to drill this zone in its next drill program.

Tom Drivas, the President of Romios Gold, states, **"We are very pleased with the results from the Titan 24 survey.** The upper level results correlate well with the drilling at the North Zone, but what is even more exciting is the new large deep anomaly below our drilling to date which may represent the main porphyry body thought to be the source of the upper level mineralization. The survey results at the Tangle Zone are particularly encouraging as they correlate strongly with high copper-gold soil geochemistry. Romios intends to drill-test the new targets which have the potential to host significant incremental copper-gold porphyry mineralization on Trek."

## North Zone - Line 1

This 1.2 kilometre line extended from east of the known mineralization to the collar of TRK08-05. The results of the survey clearly indicate a two conductive layer structure separated by a resistive subsurface layer. The deep conductive zone, which also extends through lines 2 and 3, is the main target as it may represent the main porphyry system. The results also indicate a large high chargeability anomaly near hole TRK08-05 that correlates with high content of pyrite, and four small IP anomalies that may represent alteration zones. One large high chargeability anomaly at approximately 250 metres depth may correlate to a possible fracture zone and is located near drill holes TRK08-01, 02, 03 and TRK 09-06 which contain mineralized porphyry occurrences with significant copper-gold mineralization. This anomaly is located at the edge of the profile and cannot be completely resolved by the inversion of the data.

### North Zone - Line 2

The second and northern-most line transects the North Zone 500 meters north of Line 1. Line 2 extends from east of the known mineralization westward to terminate 150 meters northwest of TRK10-04. This line displays a zone of high conductivity north of TRK10-04, untested by drilling. Other areas of moderate-high conductivity at the North Zone are associated with copper mineralization. The upper resistive layer is sectioned by two main conductive zones. The main deep conductive zone appears on Line 2 at a depth of 600 metres. A weak IP chargeability anomaly appears near the main conductive anomaly at 250 metres depth and may represent potential alteration or mineralization. Drill holes TRK10-03, 10-05 and 10-06 encountered mineralized porphyry dykes above this zone and confirm the zone's exploration potential.

### North Zone - Line 3

The third Titan 24 survey line was placed between Lines 1 and 2, and transects the center of the North Zone from east to west. Generally, the IP and DC patterns reflect those in Line 1. Three high chargeability anomalies can be identified on this profile. A large IP anomaly on the west side of Line 3 correlates with zones of copper-gold-silver mineralized breccias. The first high chargeability may correspond to a near surface anomaly. The second high chargeability is approximately at a depth of 300 metres and remains to be drill tested. The third high is at 300 metres depth on the west side of Line 3 and correlates with zones of copper-gold-silver mineralized breccias. This IP anomaly dips to the east, mirrors a zone of moderate conductivity, and joins with a significant MT anomaly at 500-650 meters depth, interpreted as being the main deep conductive zone displayed on Line 1 and 2. Drill holes TRK10-07 and 10-08 also encountered mineralized porphyry dykes above this zone and further confirm the zone's exploration potential.

#### **Tangle Zone - Line 4**

Three high chargeability anomalies located at approximately 100 metres depth are above a deep conductive zone which appears to extend from 400 metres to 600 metres depth. Results from each of the DC, IP, and MT surveys transecting the Tangle Zone indicate interconnected conductive anomalies that extend from surface to 600 meters depth. At surface, the conductive anomalies correlate with a 700 x 200 metre-wide area highly anomalous in copper and gold derived from gridded soil sampling. Outcrops in the vicinity of the conductive anomalies and soil anomalies contain bornite and chalcopyrite mineralization in porphyry intrusive. Grab samples assayed up to **9.6 g/t Au**, and **16.45% Cu** with **7.56 g/t Au**. Soil sampling in the area assayed up to **5.31 g/t Au** and **12.2% Cu**.

# **Titan 24 Survey Parameters**

The Quantec Titan 24 DC, IP and MT system is a state of the art geophysical tool used to explore for copper-gold mineralization. Four 1.2 kilometre-long lines, three transecting the North Zone at 250 meter spacings and one transecting the Tangle Zone, were completed at Trek. Each line was surveyed

using a dipole-dipole configuration with a dipole size of 50 metres and measured the resistivity (DC), induced polarization (IP), and magnetotelluric (MT) properties of the underlying rocks. The Titan 24 system is capable of measuring properties simultaneously and comparing them to ensure accuracy. The system's high-resolution digital signal processing and data multiplicity within the array and over time detects and resolves smaller signals from deeper targets while filtering noise. At these line lengths, the Titan surveys permit reliable, high-resolution analysis from surface to 400 meters depth for DC and IP, and down to 1,000 metres for MT. Inversion of the DC and IP data was completed using the UBC3D inversion code.

You can view the geophysical cross sections showing the Titan 24 survey results at the North and Tangle Zones by visiting the following location on the web: <u>http://www.romios.com/s/Trek.asp</u>

The technical information contained in this press release has been reviewed and approved by Mr. Mel de Quadros, Director of Romios Gold Resources Inc. and a qualified person as defined by National Instrument 43-101.

### **About Romios Gold Resources Inc.**

Romios Gold Resources Inc., a progressive Canadian mineral exploration company established in 1995, is headquartered in Toronto and is actively engaged in precious and base metal exploration across North America with a primary focus on gold, silver and copper. Romios has significant property interests in British Columbia, Ontario, Quebec and Nevada. The Company is undertaking extensive exploration work on its Galore Creek area properties in British Columbia, which are centrally located between Galore Creek Mining Corporation's large gold-copper-silver deposit and Barrick's high grade gold mine at Eskay Creek.

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