

- **GTA Commences Drilling at the Auden Graphite Project**
- **Initiates Calculation of a NI-43-101- Compliant Mineral Resource Estimate at the Northshore Gold Project**

(Burlington, February 11, 2014) GTA Resources and Mining Inc. (TSXV “GTA”) is pleased to provide an update on its exploration programs at both the Auden Graphite and Northshore Gold projects.

**Auden Graphite** - Diamond drilling has commenced at GTA’s Auden graphite project initially targeting three isolated electromagnetic (EM) conductor targets located in the central “Hockey Puck” area. These anomalies are characterized as isolated, moderate to strong bedrock conductors, and all are located within or proximal to the southern extension of the alkaline intrusive complex that hosts Zenyatta Ventures Ltd.’s Albany graphite deposits. All three anomalies appear to be non-magnetic, are accessible by winter trail, and have not been previously drill tested. GTA is also continuing its ground geophysical program of locating and evaluating several other EM conductors identified from the airborne surveys and anticipates further drill testing as these priority targets are outlined.

GTA is the largest land holder in the emerging graphite “camp” and holds the mineral rights to over 69,000 acres. The Albany graphite deposits, located 5.5 km north of GTA’s property, were initially discovered by Zenyatta, while testing electromagnetic (EM) targets, and have been described as breccia pipes (diatremes) with dimensions in the order of 200 m by 400 m. GTA’s management and geological consultants believe that the graphite breccia pipes that exist on Zenyatta’s Albany Project are similar to kimberlite pipes and are likely to occur in clusters along structural corridors that may extend onto GTA’s Auden Property.

An Ontario exploration permit is in place and an exploration agreement with Constance Lake First Nation allows for a co-operative continuous field program to evaluate the graphite and other mineral potential on the Auden Property.

**Northshore Gold** – Consulting geologists, Doug Blanchflower, P. Geo of Minorex Consulting Limited., and John Reddick, P. Geo. of Reddick Consulting Inc., have been retained to complete a NI 43-101- compliant mineral resource estimate for the Afric Zone on GTA’s Northshore Gold Property. GTA has now completed a total of 52 holes, totaling 11,390 metres, and has identified the Afric Zone as an intrusive-related porphyry style gold system. The drilling completed by GTA, has delineated the gold zone over a surface area of approximately 500 by 350 metres, to a depth of 350 metres beneath the surface and containing a shallow, central higher grade sub-zone. GTA’s drill data, combined with results from previous operators, is currently being evaluated and modeled by Messrs.’ Reddick and Blanchflower, who have a wealth of expertise in mineral exploration and mineral resource estimation. This will be the first NI 43-101 Technical Report for the Northshore Gold Project that contains a mineral resource estimate in accordance with CIM standards. GTA expects the work to be completed by March 2014.

The Northshore project is subject to an option agreement with Balmoral Resources Ltd., whereby GTA can earn an initial 51% interest. GTA has made all of the shares and cash payments and GTA fully expects to earn a 51% interest in 2014. GTA can then elect to earn up to a 70% interest in the Northshore by making additional cash payment of \$ 100,000, issuing 1,000,000 common shares, and incurring additional exploration expenditures of at least \$ 3.0 million.

In other news, GTA announces the resignation of Peter M. Clausi as a director of the company. Peter was instrumental in the formation of GTA and has been involved in the management of the company since its inception. Peter will continue on as an officer of the company as EVP Corporate Development and General Counsel.

Robert Duess, P. Geo, VP Exploration for GTA and a qualified person as defined in National Instrument 43-101, is responsible for this release, and supervised the preparation of the information forming the basis for this release.

### **About GTA**

GTA is a well funded publicly traded mineral exploration company. It is led by an experienced and successful management team and is focused on exploring for gold and graphite in Canada.

GTA is a tightly held company having only 26,731,855 shares outstanding of which insiders control approximately 30% of the outstanding shares. The Company's shares trade on the TSX Venture Exchange under the symbol "GTA."

On behalf of the board of directors  
**GTA Resources and Mining Inc.**

*"Wayne Reid"*

President and CEO  
709 699 1733

For more information, please visit the corporate website at [gtaresources.com](http://gtaresources.com)

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