



TSXV: GTA
For Immediate Release

August 13, 2013

GTA targets vein-type graphite deposits on its Auden Property located 5.5 km south of Zenyatta's new discovery:

- **Largest landholder in the Zenyatta Graphite area.**
- **Several strong untested conductive zones identified.**

Burlington, August 13, 2013. GTA Resources and Mining Inc. (TSXV: "GTA") provides an update on its 100% owned Auden Project located adjacent to Zenyatta's Albany graphite project between the towns of Hearst and Long Lac in Northern Ontario. GTA has acquired, by staking, an additional 64 claim units which increases the Auden Property to over 26,000 hectares (1660 claim units) and have identified several conductive zone targets on its central claims. GTA may acquire further claims in the area.

The Auden Property is located adjacent to the south of the Albany Property of Zenyatta Ventures Ltd. who recently discovered vein-type graphite (hydrothermal) mineralization while testing electromagnetic (EM) targets. The mineralization has been described as occurring in breccia pipes (diatremes) having dimensions in the order of 200 m by 400 m. (www.zenyatta.ca). The deposits are further described as containing the largest and only high purity "hydrothermal" graphite mineralization being developed in the world. GTA has owned the Auden claims since 2010 and is the single largest land holder in the area. Furthermore, GTA's management and geological consultants believe that the graphite breccia pipes that exist on Zenyatta's Albany project are similar to kimberlite pipes (diatremes) and are likely to occur in clusters along structural corridors. Future exploration on the GTA claims will focus on identifying similar targets.

An interpretation of an EM and Magnetic survey completed by GTA on the central portion of the Auden Property has identified at least nine priority targets for follow-up. All of these targets are highly conductive and could be due to the presence of graphite (graphite has highly conductive properties). None of these conductive targets have been previously drill tested.

In summary, GTA is the single largest land holder in the area, and the only company (other than Zenyatta) to have known electromagnetic (conductive) targets. GTA is in the process of submitting a work permit application to the Ontario Government and completing an exploration agreement with the "Constance Lake First Nation" prior to carrying out a follow-up program of ground geophysics and drilling. This work is scheduled to start this fall.

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 gold exploration in Canada. GTA currently has three exploration focused projects in its portfolio. Its flagship project, the Northshore Property, located near Schreiber, Ontario, is subject to an option agreement with Balmoral Resources Ltd. (“TSXV:BAR”) whereby GTA can earn up to a 70% interest. Secondly, GTA recently completed an option agreement with Metals Creek Resources Corp. (“MEK”) to earn up to a 70% interest in the Squid East Property in the White Gold District, Yukon. The third project, the 100% owned Auden Property, is located near Hearst, Ontario and consists of 1660 claim units covering virtually an entire greenstone belt and hosting a number of graphite, gold, base metal and PGE targets.

GTA has 25,731,855 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
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For more information, please visit the corporate website at gtaresources.com

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