

GTA Resources and Mining Inc.

JAN, 2015



President & CEO: Wayne Reid
wreid@gtaresources.com
709-699- 33

VP Exploration: Robert Duess
rduess@gtaresources.com
613-453-7947

TSXV: GTA www.gtaresources.com

GTA Resources and Mining Inc.

DISCLAIMER

This presentation is prepared by GTA Resources and Mining Inc. (GTA or GTA.V) management and GTA is solely responsible for content and format. Robert Duess, P.Geo., is a non-independent Qualified Person and has compiled this presentation from publicly available industry information, NI43-101 compliant technical reports and new releases with specific underlying Qualified Persons as set out in the releases and reports. Industry Information has been compiled from publicly available sources and may not be complete, up to date or reliable. Forward looking statements may differ materially from actual events. Please see complete information on Sedar (www.sedar.com).

This presentation is for information purposes only and is not a solicitation. Please consult the Company for complete information and a Registered Investment Representative prior to making any investment decisions. This presentation reports on the technical details of the Company's projects and provides a guide to the Company's potential future activities and use of funds. There can be no assurance that the Company objectives will be achieved.

The TSX Venture Exchange has not reviewed and does not accept responsibility for the accuracy or adequacy of this presentation, which has been prepared by management. There can be no assurance that any of the assumptions in the resource estimates will be supported by a Pre-feasibility or Feasibility Study or that any forward looking event will come to pass. The data is incomplete and considerable additional work will be required to complete further evaluation, including but not limited to drilling, engineering and socio-economic studies and investment.

This presentation contains information with respect to adjacent or similar mineral properties in respect of which the Company has no interest or rights to explore or mine. Readers are cautioned that the Company has no interest in or right to acquire any interest in any such properties, and that mineral deposits on adjacent or similar properties are not indicative of mineral deposits on the Company's properties. Past performance is no guarantee of future performance and all investors are urged to consult their investment professionals before making an investment decision. Investors are further cautioned that past performance is no guarantee of future performance.

GTA Resources and Mining Inc.

CORPORATE STRUCTURE

(as of January 15, 2015)

Issued and Outstanding:	~32.4 M
Inside Group:	~7.0 M
Balmoral Resources:	~3.1 M
Stock Options:	~2.8 M
Warrants:	~5.0 M
Fully Diluted:	~40.2 M
Current Price:	~\$0.04
Cash	~\$1.2 M (\$0.0375/share)

GTA Resources and Mining Inc.

Why invest in GTA:

- Low market cap with \$1.2 million in cash and three quality projects
- Continuing to explore with modest budgets and low overhead which will ensure a steady news flow
 - Northshore** - NI-43-101 compatible resource outlined. Both low grade “bulk tonnage” deposit and higher grade “at surface” deposit outlined, indicating potential early production with very low capital requirements
 - Ivanhoe** – Possibility of “new” discovery from boot and hammer/target testing type exploration
 - Auden** – Graphite and gold targets next to Zenyatta graphite discovery
- Experienced hands-on management team with good track record
- Excellent share structure

GTA Resources and Mining Inc.

GTA is a Canadian based mineral exploration company with an experienced management team, strong balance sheet and three quality projects located in Northern Ontario:

NORTHSHORE (51% owned):

- NI-43-101 compliant resource estimate at a 0.5 g/t Au cutoff:
 - Indicated - 391,000 oz (12,360,000 tonnes at 0.99g/t)
 - Inferred - 824,000 oz (29,580,000 tonnes at 0.87 g/t)
- GTA has earned a 51% interest (joint venture with Balmoral (49%))
- Patented mining and surface rights, located between Thunder Bay and Hemlo
- Economics of both bulk tonnage mine and custom milling higher grade near-surface mineralization being evaluated

IVANHOE OPTION (100%)

- 100 sq km property between Timmins Gold Camp and the Borden Lake Gold Project which was recently purchased by Goldcorp for \$530 million
- Existing gold trends, showings and soil anomalies along extensions of Porcupine Destor Break and the Borden Lake trend
- New emphasis on this area, post Borden Lake discovery (4.3 million oz)
- Exploration program in progress

AUDEN PROJECT (100%)

- 280 sq km property immediately south of Zenyatta graphite deposit
- Clay covered under-explored greenstone belt and ultramafic intrusive complex
- airborne EM follow-up for graphite, gold, base metals and Ni/PGM

GTA Resources and Mining Inc.



GTA Resources and Mining Inc.

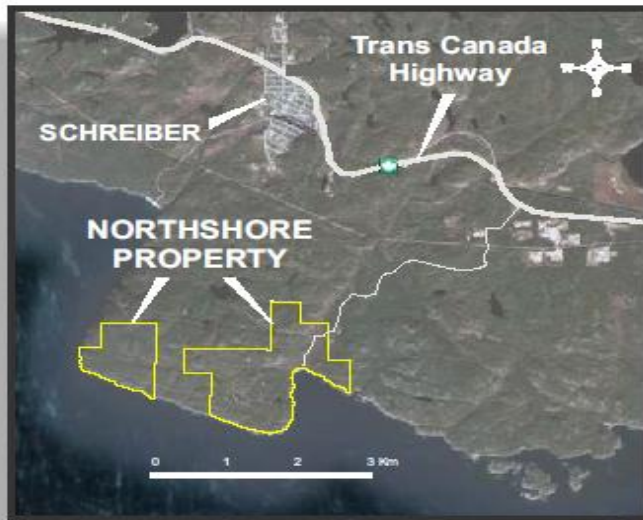
NORTHSHORE PROPERTY

5 patented, 2 unpatented mining claims (3.3 sq km)

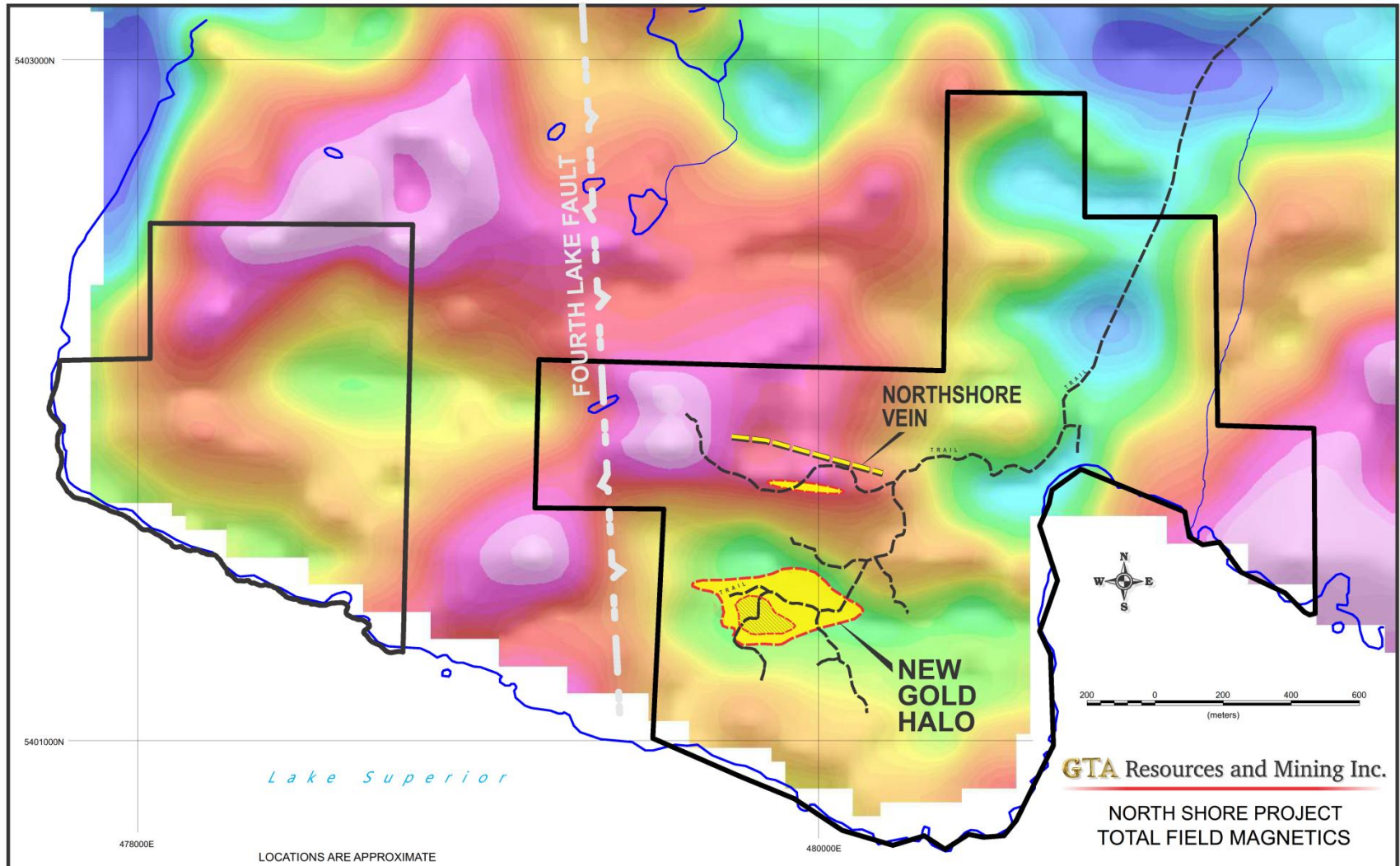
Hemlo-Schreiber Greenstone Belt /Abitibi Greenstone

Road accessible, 4 km from Trans Canada Hwy

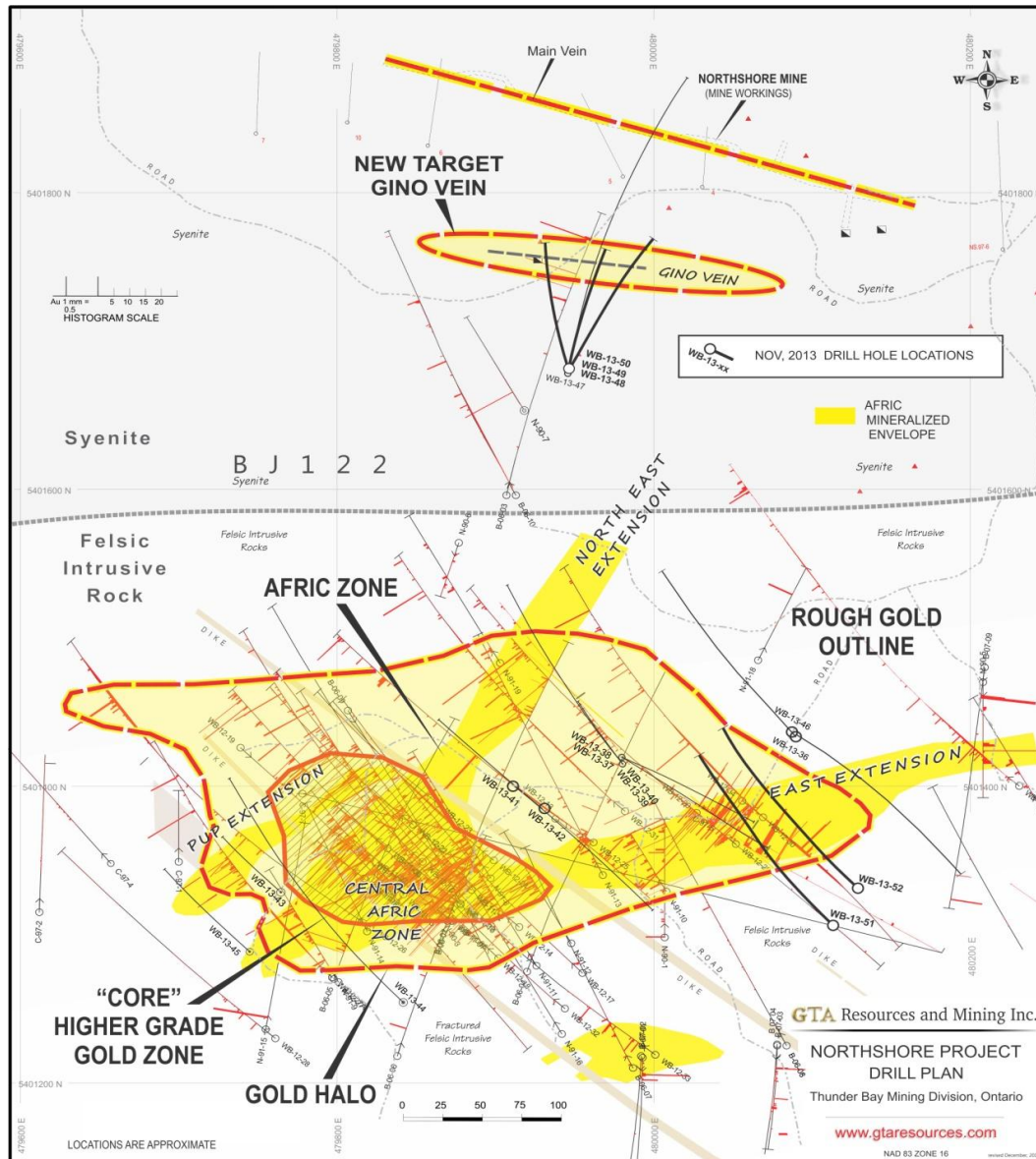
110 km west of Hemlo Mines (over 23 M oz since 1984)



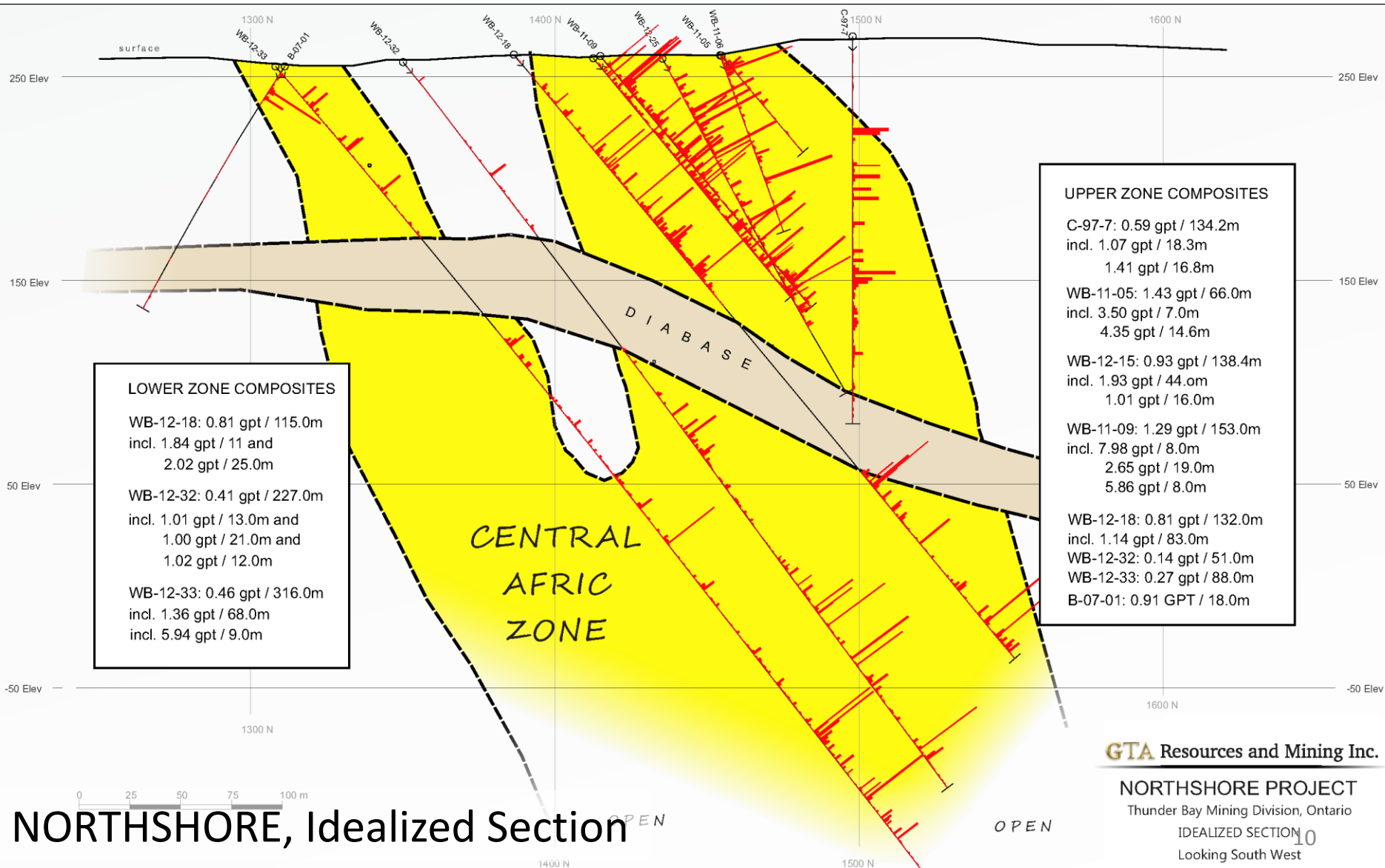
GTA Resources and Mining Inc.



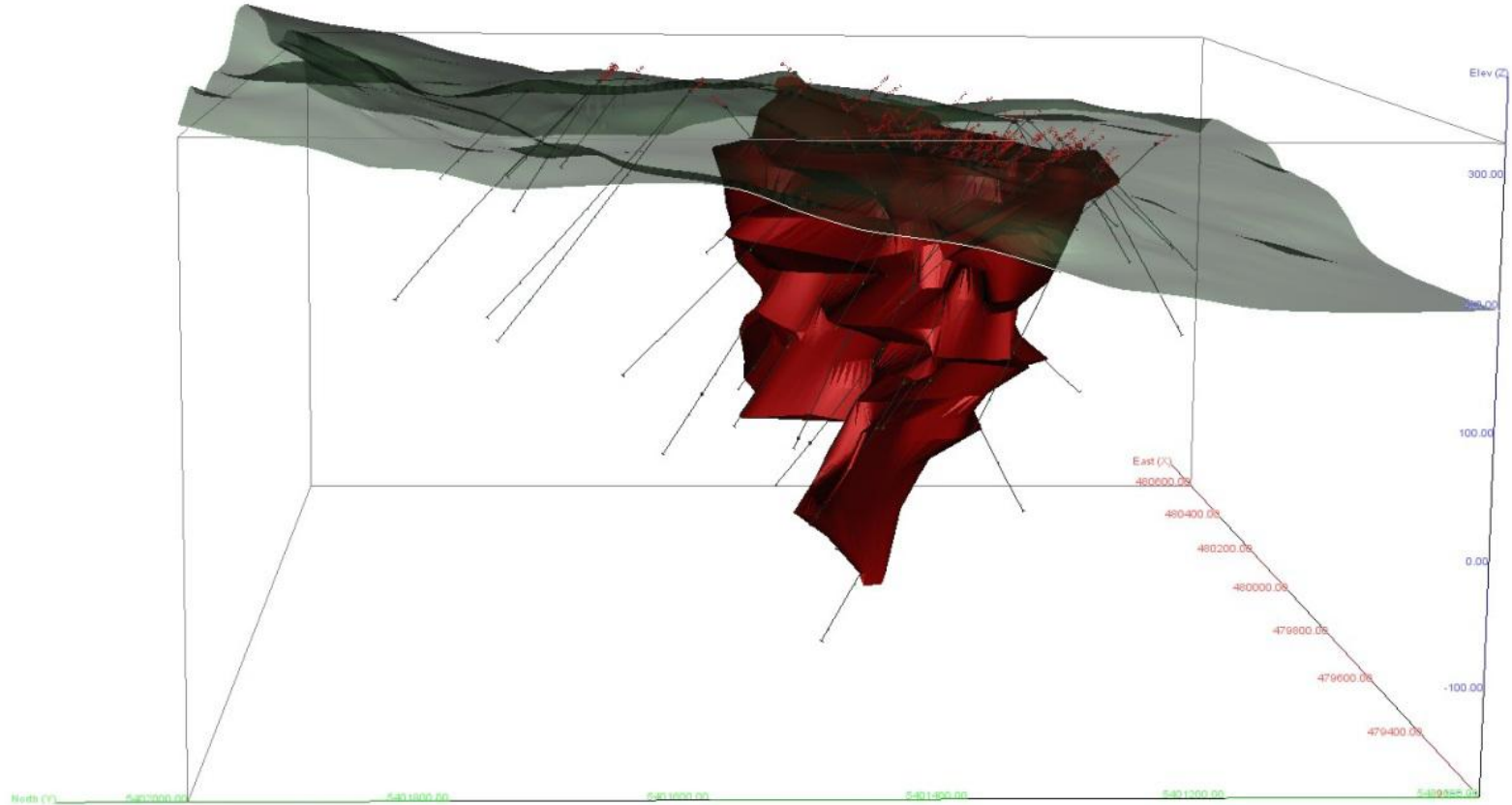
GTA Resources and Mining Inc.



GTA Resources and Mining Inc.



GTA Resources and Mining Inc.



Plan view showing Isometric view looking east showing mineralized solid in red, surface topography in grey and drill hole traces.

GTA Resources and Mining Inc.

NI-43-101 compliant report- June, 2014

1) INDICATED RESOURCE

Cut Off Grade (g/t Au)	Tonnage	Gold Grade (g/t)	Contained Ounces
0.20	27,980,000	0.61	549,000
0.50	12,360,000	0.99	391,000
0.80	6650,000	1.28	275,000
1.20	2,560,000	1.78	147,000

2) INFERRED RESOURCE

Cut Off Grade (g/t Au)	Tonnage	Gold Grade (g/t)	Contained Ounces
0.20	63,490,000	0.58	1,184,000
0.50	29,580,000	0.87	824,000
0.80	12,090,000	1.22	472,000
1.20	4,210,000	1.73	233,000

GTA Resources and Mining Inc.



GTA Resources and Mining Inc.

NORTHSHORE, Higher Grade Central Zone –(Audney Vein)



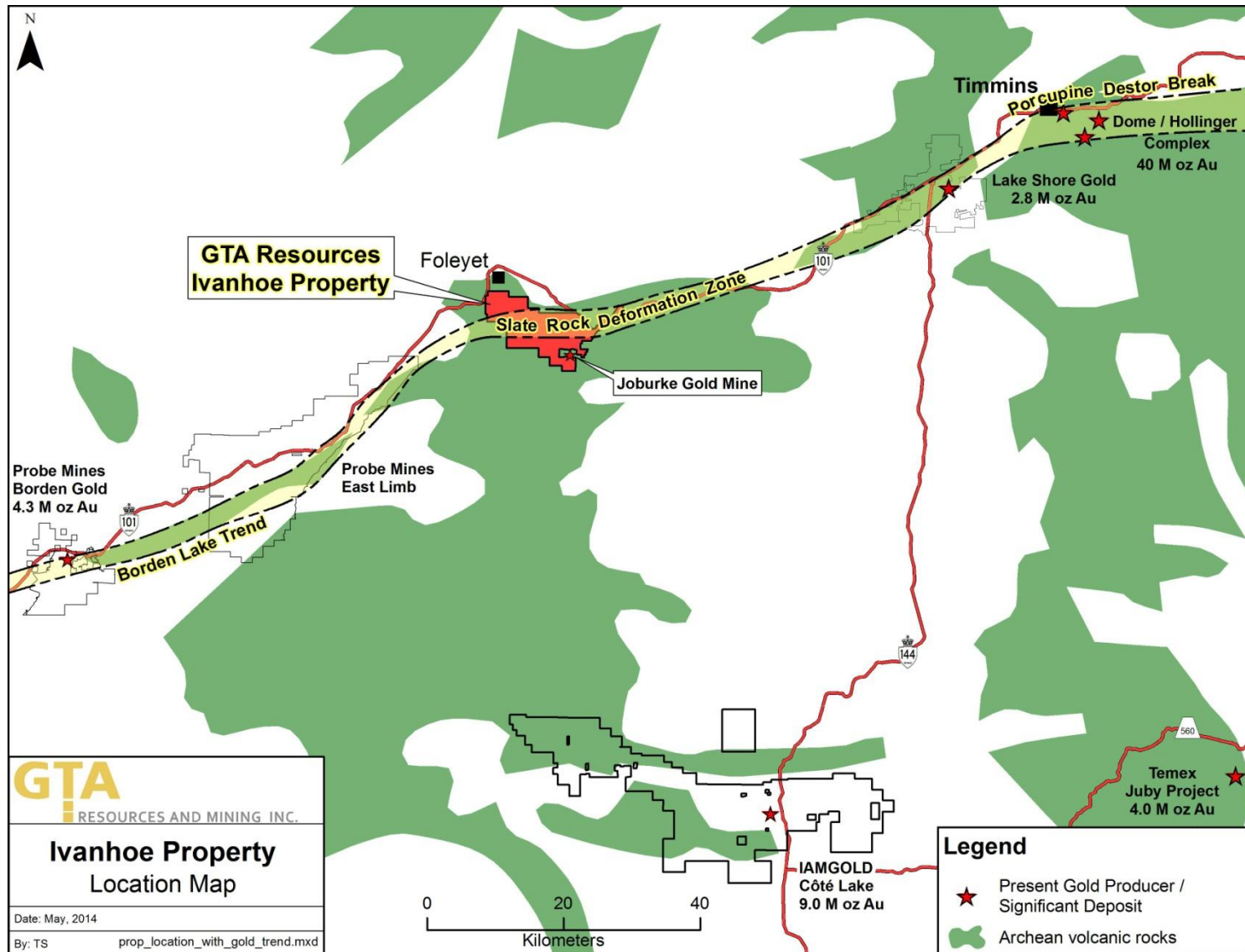
GTA Resources and Mining Inc.

NORTHSHORE PROPERTY SUMMARY

- 52 drill holes (11,390 m) completed since fall 2011 in 4 phases
- Total expenditures to date exceeds \$2.5 million
- GTA vested at 51% interest and is operator of joint venture with Balmoral retaining the other 49%
- Results delineate a porphyry style gold system (Afric Zone)
- NI-43-101 compliant gold resource at a 0.5 g/t cutoff calculated at 391,000 oz indicated and 824,000 inferred for main Afric Zone and includes a “central higher grade core”
- Metallurgy, base line environmental and scoping study planned
- Infill drilling being evaluated to expand the resource and convert the resources to reserves



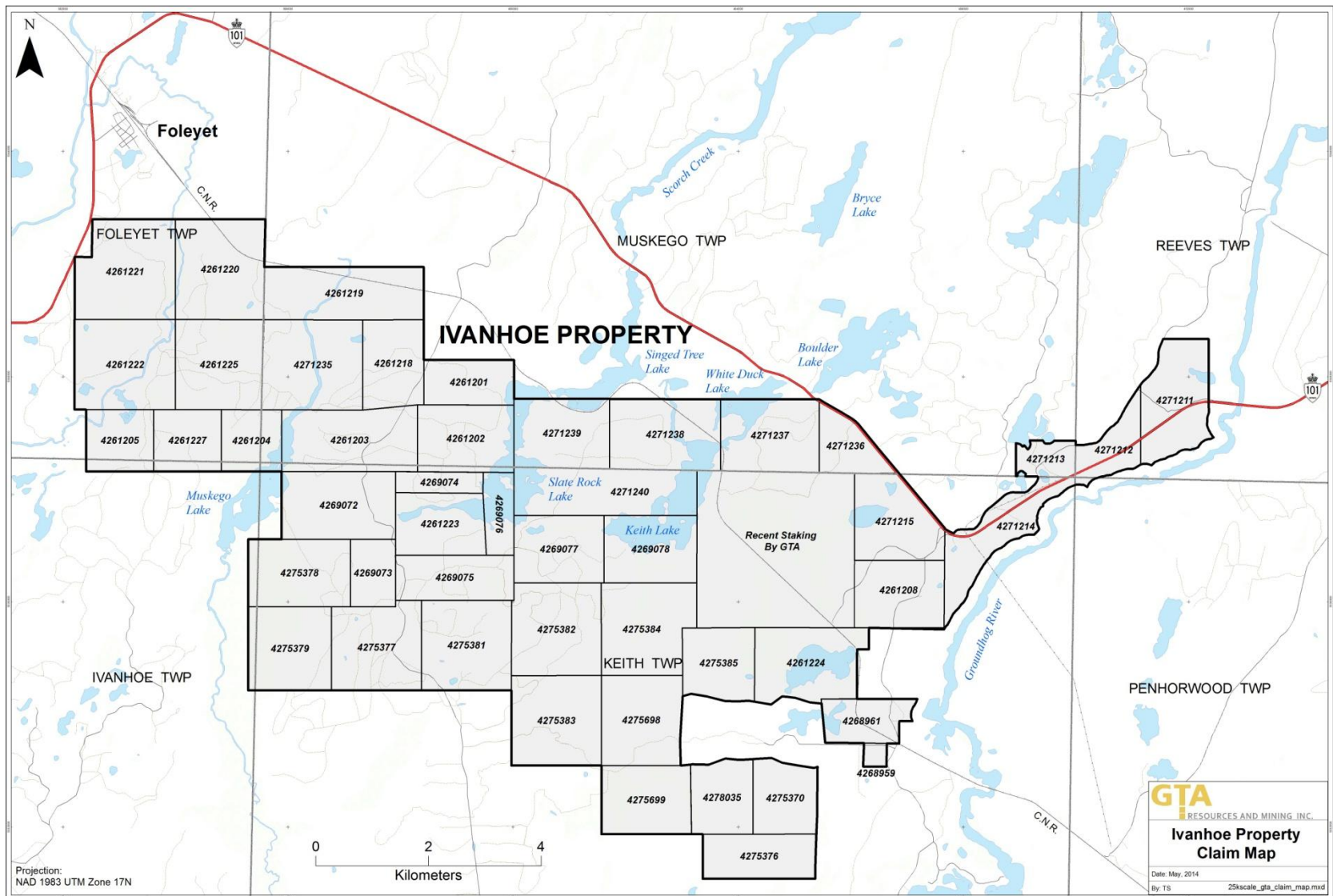
GTA Resources and Mining Inc.



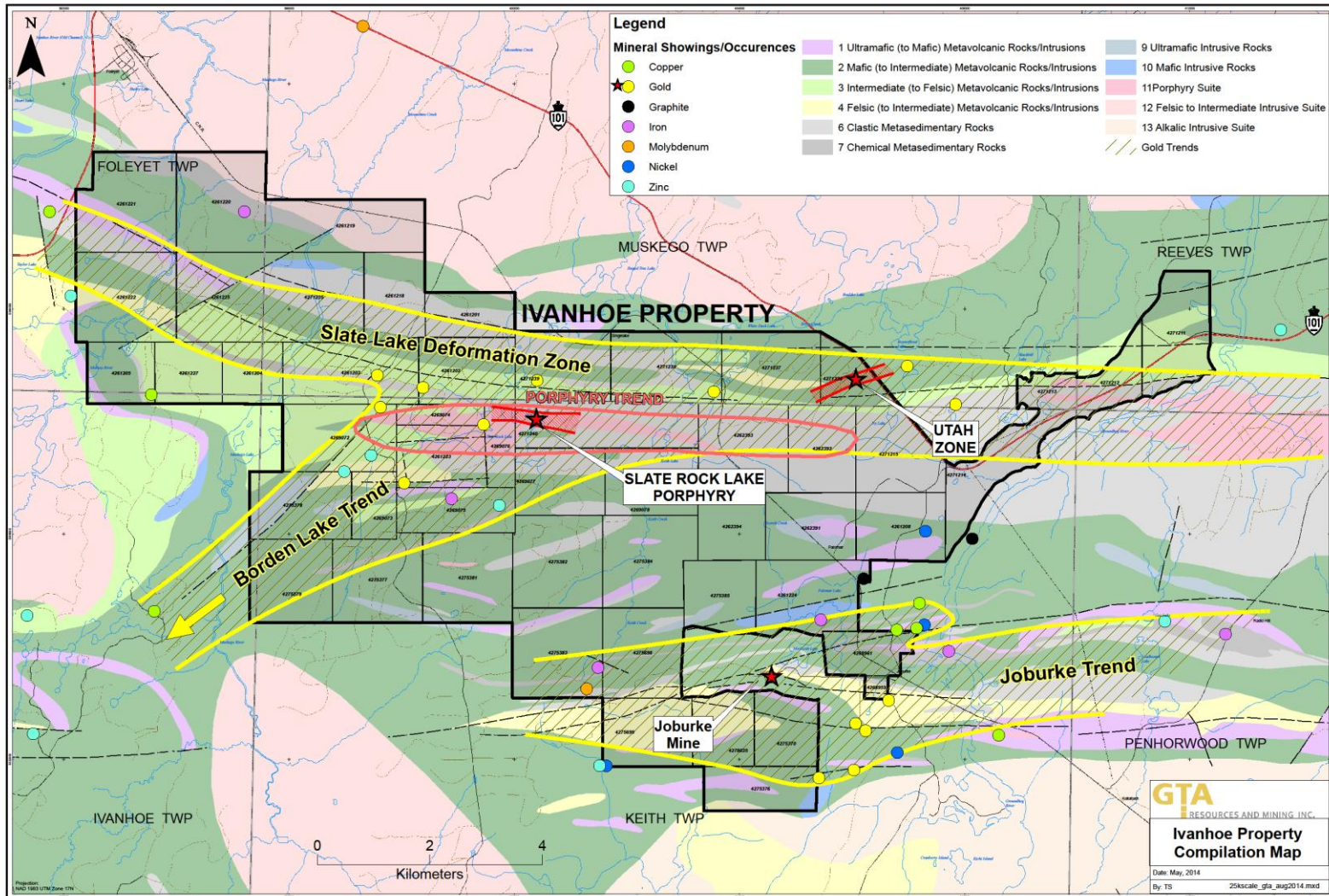
IVANHOE PROPERTY

- Option agreement with local Timmins prospectors whereby GTA can earn a 100% interest subject to a 3% NSR (GTA can purchase half the NSR)
- **100 sq km property located on southwest extension of Porcupine-Destor Fault and northeast extension of Borden Lake trend**
- Property is underlain by altered mafic volcanics, ultramafics, Temiskaming style conglomerates and felsic porphyries
- Hosts a number of gold showings, trends and soil anomalies – open for testing
- Claims surrounds the Joburke Gold Mine –past production of 50,000 ounces Au
- **Last worked in the 1980's, there has been NO exploration for lower grade bulk tonnage type gold systems. Last drill hole – 1989 on Utah Zone**
- Several base metal (Zn, Cu, Ni) targets on the claims
- Excellent data base of airborne EM and Magnetics, geology, assessment work compilation and government geochemistry surveys
- **Initial approach was low cost “boot and hammer” prospecting and sampling historic drill core resulting in new discovery and four excellent gold targets along main trend. Grid work is in progress and drilling to follow**

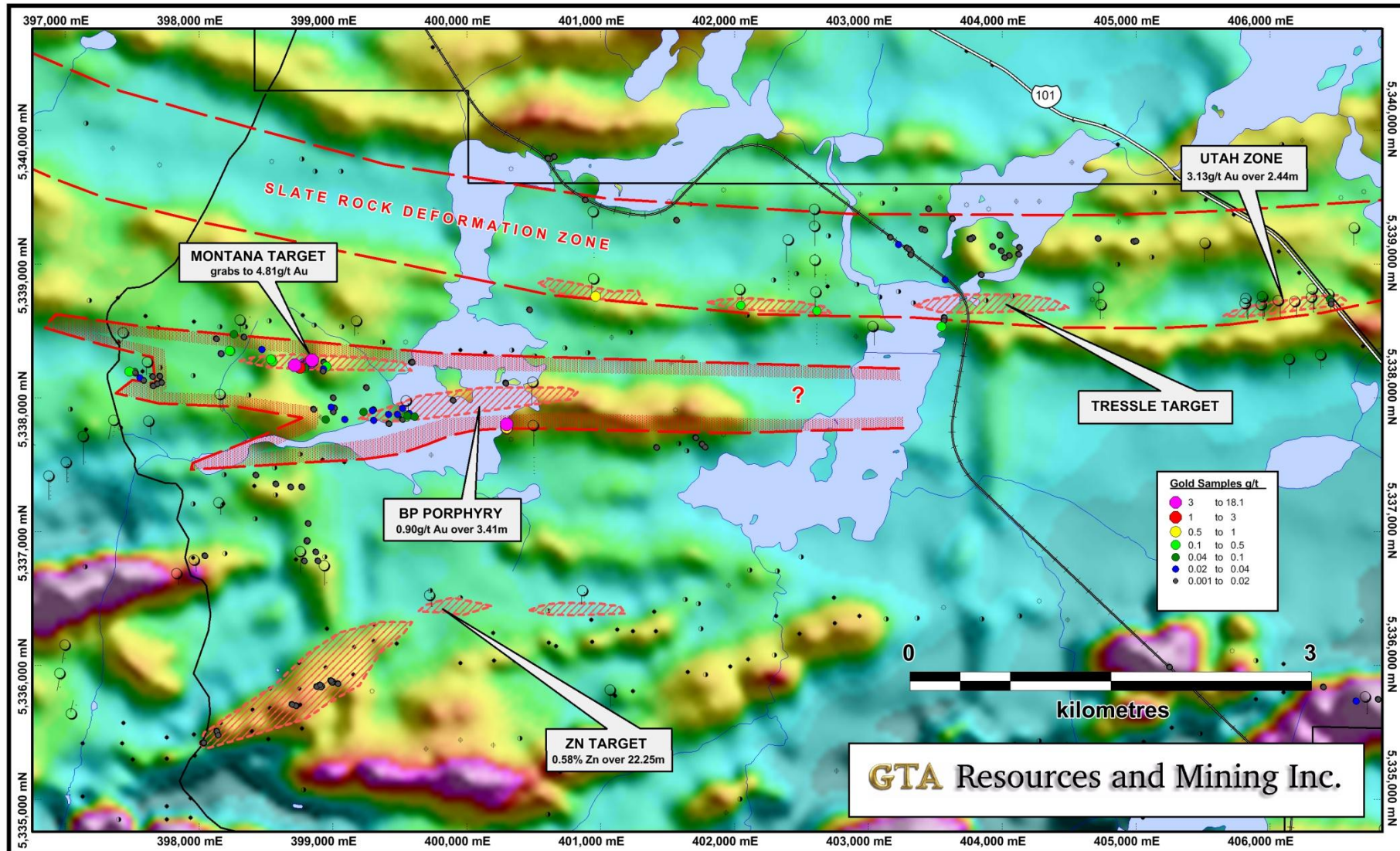
GTA Resources and Mining Inc.



GTA Resources and Mining Inc.



GTA Resources and Mining Inc.



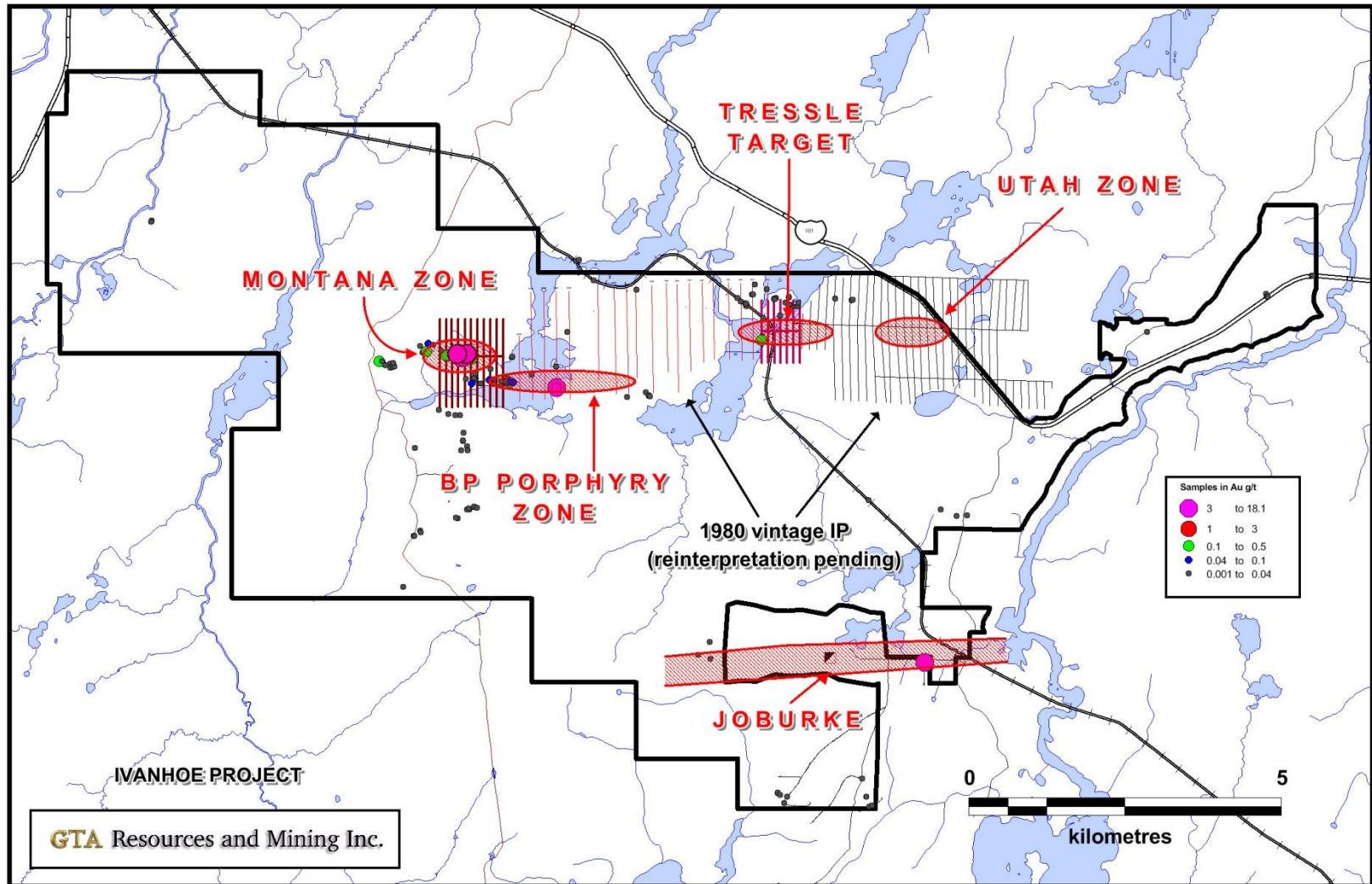


**Slate Rock Def'n
Zone (Destor-
Porcupine
extension**



Slate Rock Def'n Zone Mineralization

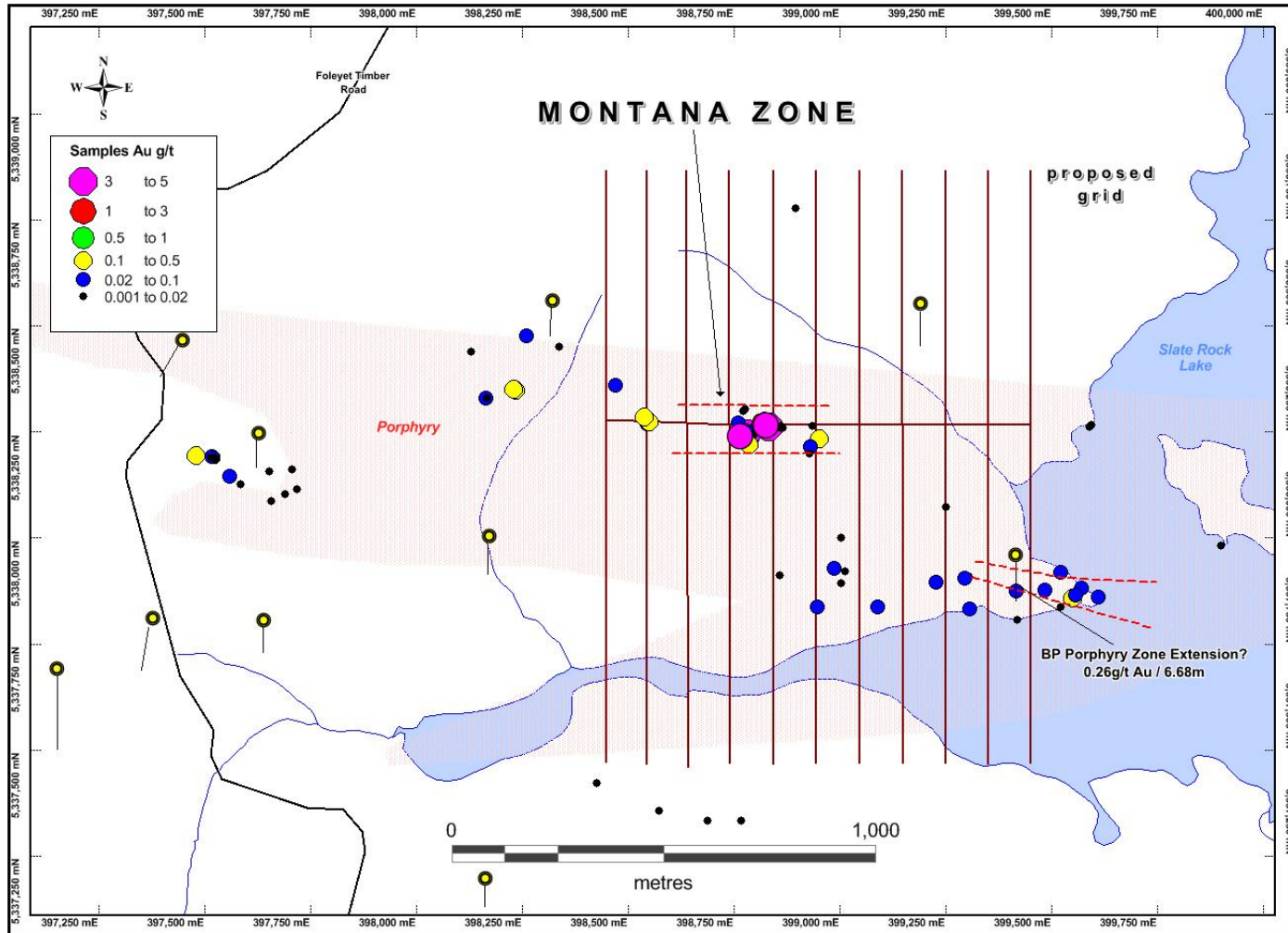
GTA Resources and Mining Inc.



IVANHOE TARGETS FOR IMMEDIATE FOLLOW-UP

- **Montana Zone** – New discovery of strongly altered porphyry/volcanic with values up to 4.81 g/t Au - Linecutting, IP and magnetometer surveying is in progress
- **BP Porphyry** – Wide area of gold anomalous porphyry initially found by BP Resources in 1986 but no follow-up. Proximal angular float up to 18.1 g/t Au. IP reinterpretation in progress by GTA
- **Utah Zone** – Discovered in 1986 by Utah Mines while testing an IP chargeability anomaly. A total of 9 holes drilled into a 20 m wide sericite/arsenopyrite zone with values up to 6.9 g/t over 1.83 m. All holes intersected the zone, but no further work was carried out. Five lines of new IP planned followed by drilling
- **Tressle Target** – Overburden-covered area along the south part of a strongly altered section of the Slate Rock Deformation Zone, interpreted to be on strike with the Utah Zone. Localized angular float in the area of 0.326 g/t (GTA sample) and 2.17 g/t (Gov't survey) Linecutting IP, Magnetometer surveying in progress

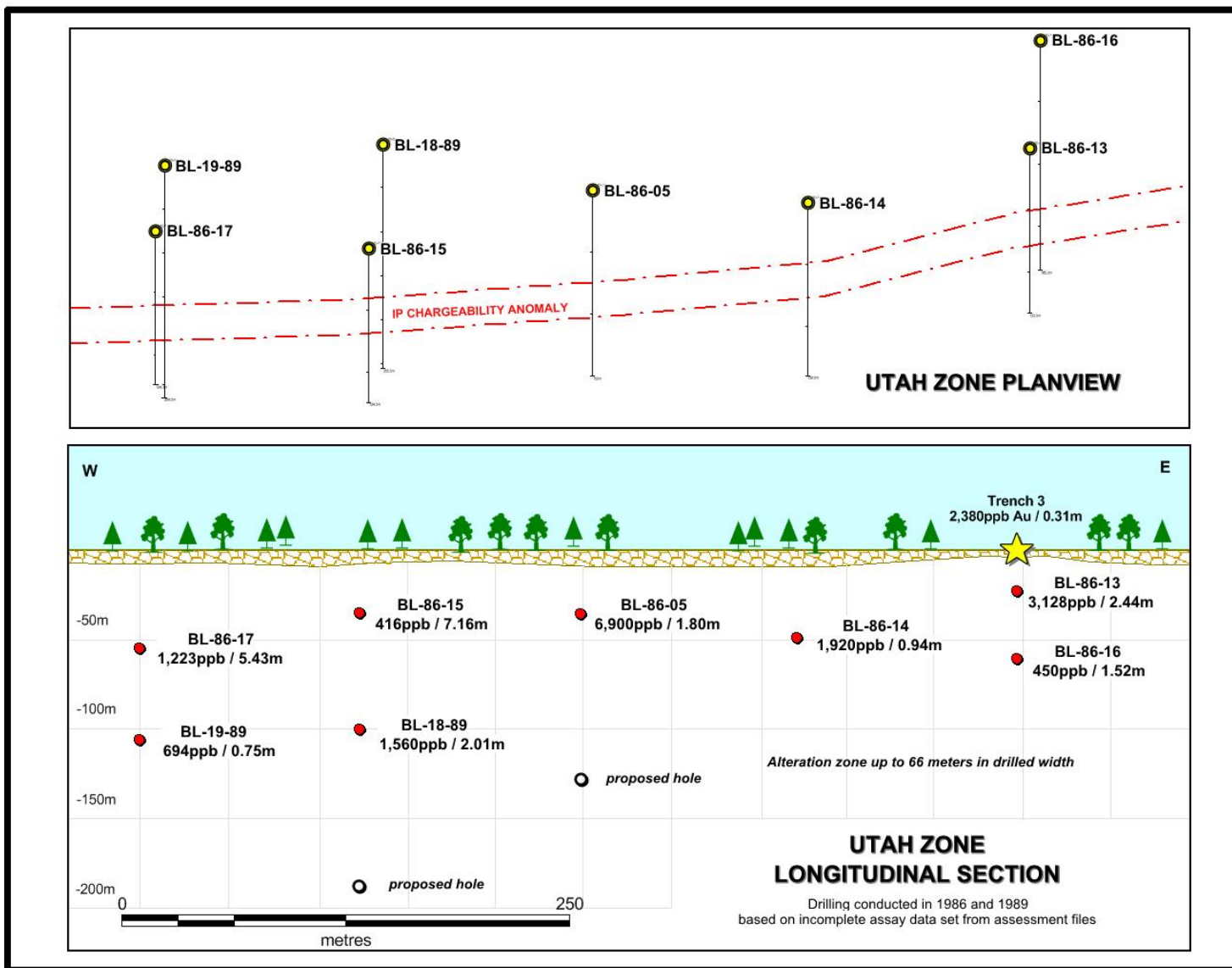
GTA Resources and Mining Inc.





Montana Zone

GTA Resources and Mining Inc.

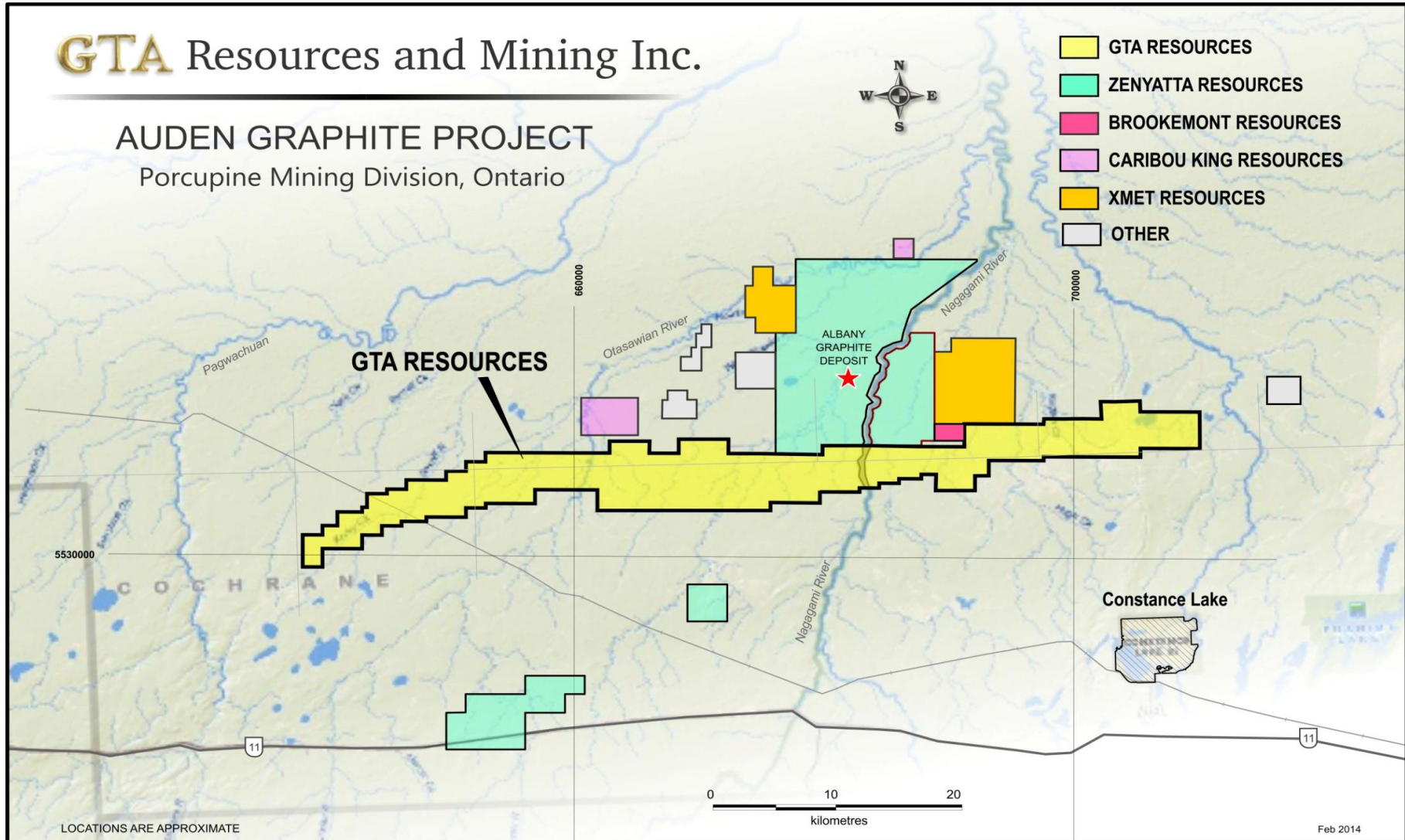




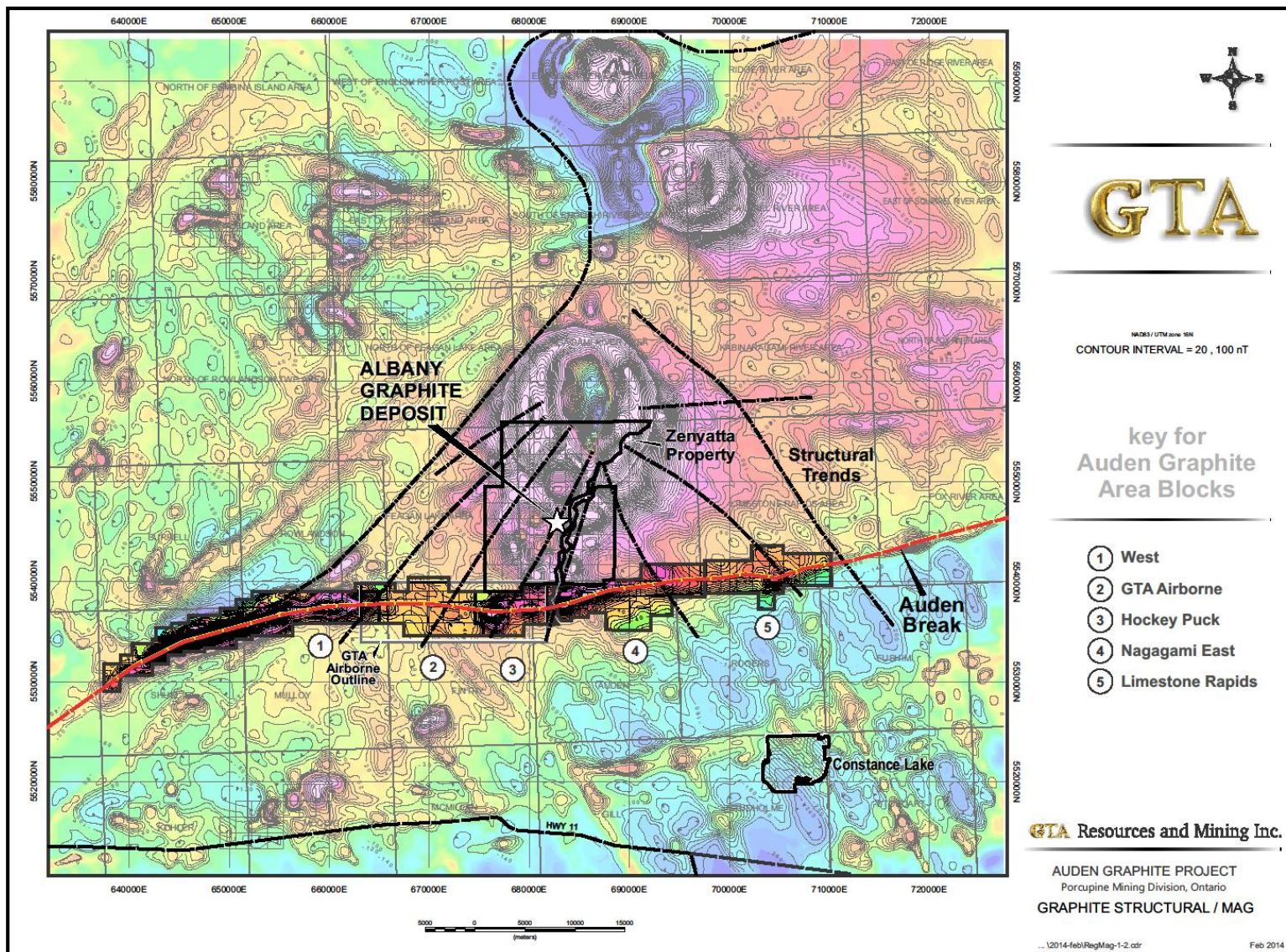
Historic split core from Utah Hole 86-17 (Utah Gold Zone)

GTA Resources and Mining Inc.

Claims location map



GTA Resources and Mining Inc.



GTA Resources and Mining Inc.

LAND POSITION AND LOCATION

- Originally staked in 2007, the claims targeted the clay-covered Auden Greenstone Belt for its Gold-Copper-Nickel-PGE potential
- Property now consists of 1748 claim units covering approx 280 sq. km.
- Located 20 km north of the Trans-Canada, between Hearst and Longlac in northern Ontario

ZENYATTA'S NEW HIGH PURITY GRAPHITE DISCOVERY

- Zenyatta's recently discovered vein-type graphite deposit (Albany Deposit)
- The new discovery is located 5.5 km north of the GTA claims
- Discovery made while testing airborne EM conductor for Cu-Ni mineralization in Proterozoic aged ultramafic intrusive rocks

GTA TARGETS AND EXPLORATION PROGRAM

- GTA recently completed airborne EM and Magnetics over the entire property
- Five targets tested in Central part of claims (Hockey Puck) – conductivity caused by either clay, sulphides or graphitic sedimentary units
- A number of airborne EM targets have had ground surveys completed and remain untested
- Gov't permits and Exploration Agreement with First Nations in place

GTA Resources and Mining Inc.

2015 Plan/Budget Estimates

NORTHSHORE

-Metallurgy	25,000	
-Environmental Baseline	75,000	
-Scoping	50,000	
-TOTAL		\$150,000

IVANHOE

-Prospecting/geochemistry	100,000	
-Grid work, trenching	100,000	
-Diamond drilling	300,000	
-TOTAL		\$500,000

OTHER

-Zinc target	<u>100,000</u>	
-TOTAL		\$100,000

TOTAL FIELD BUDGET **\$750,000**

GTA Resources and Mining Inc.

GTA Resources Management

Wayne Reid, B.Sc., P.Geo., Chief Executive Officer and Director

Robert Duess, B.Sc., P.Geo., Vice President Exploration and Director

Brian Crawford, CA, Chief Financial Officer and Director

Birks Bovaird, B.A., Director and Chair

Stephen Stares, Director

James MacIntosh, B.Sc., Director

Clinton Barr, B.Sc., P.Geo., Director

Peter M. Clausi, B.A., J.D., General Counsel

GTA Resources and Mining Inc.

c o n t a c t s :

President & CEO: Wayne Reid
wreid@gtaresources.com
709-699-1733

VP Exploration: Robert Duess
rduess@gtaresources.com
613-453-7947



[www. gtaresources.com](http://www.gtaresources.com)

GTA Resources and Mining Inc.
855 Brant Street
Burlington, Ontario
L7R 2J6
289-288-3255