2014 PROSPECTING/SOIL REPORT

OF THE

IVANHOE PROPERTY

KEITH TOWNSHIP, ONTARIO

Sudbury Mining Division
Northeastern Ontario

NTS: 42B/01NW

by

GTA Resources and Mining Inc.

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December 18, 2014

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1.0 INTRODUCTION

During the period of August 27th to November 4th, 2014, GTA Resources and Mining (GTA) conducted two prospecting programs, minor core re-sampling as well as a small two line soil sampling program on their Ivanhoe Property comprised of 52 unpatented mining claims located near Foleyet Ontario. The claims within this report are currently held under Mr. Larry Gervais and 1571925 Ontario Ltd. and under an option agreement with GTA. The prospecting programs were carried out over areas of the property thought to be of greatest potential to host gold mineralization. From prospecting, 204 grab samples were collected returning up to 18.1g/t Au.

2.0 TERMS OF REFERENCE

Map projections are in UTM, North American Datum 83, Zone 17 and all referenced UTM coordinates are in this project unless stated otherwise. Contractions are “mm” = millimeter, “cm” = centimeter, “m” = meters, “km” = kilometers, “g” = gram, “kg” = kilogram, “in” = inch, “ft” = foot, “lb” = pound, “oz” = troy ounce, “oz/ton” = troy ounce per short ton, “g/t” is grams per metric tonne, and “ddh” = diamond drill hole.

3.0 LIST OF PERSONNEL

Don Heerema – Geologist
Jeff Myllyaho – Geologist
James Crocker - Prospector

4.0 LOCATION AND ACCESS

The Ivanhoe property is located within the Porcupine Mining District in Northeastern Ontario, within 1.5 kilometers of the town of Foleyet. The property is located largely within Muskego and Keith Townships with parts of the property in Foleyet and Reeves Townships within the NTS Map Sheet 42B/01NW. The property is roughly centered between Timmins and Chapleau at UTM 401,200mE and 5,336,800mN.

The western portion of the claim block can be accessed by either boat, ski-doo, atv or road, crossing the Ivanhoe River or utilizing the Foleyet Timber Road the transects through the property. Highway 101, a paved highway, transects the northern portion of the property and runs mainly east-west. The eastern portion of the claim block can be accessed via the Horwood Lake Road.

5.0 CLAIM HOLDINGS AND PROPERTY DISPOSITION

The Ivanhoe property comprises 52 unpatented mining claims totaling 629 units and 9994 hectares (Table 1, and Figure 2). The claims are under an option agreement and listed under the names Larry Gervais and 1571925 Ontario Ltd. A summary of the claim holdings from this report is provided below (Table 1).

Table 1: Ivanhoe Land Tenure Data

Claim Number	Township	Claim Holder(s)	Units	Recording Date	Claim Due Date
4261205	FOLEYET	Larry Gervais 50% - 1571925 Ontario Ltd. 50%	9	2013-Nov-21	2015-Nov-21
4261220	FOLEYET	Larry Gervais 50% - 1571925 Ontario Ltd. 50%	16	2013-Nov-21	2015-Nov-21
4261221	FOLEYET	Larry Gervais 50% - 1571925 Ontario Ltd. 50%	15	2013-Nov-21	2015-Nov-21
4261222	FOLEYET	Larry Gervais 50% - 1571925 Ontario Ltd. 50%	16	2013-Nov-21	2015-Nov-21
4261225	FOLEYET	Larry Gervais 50% - 1571925 Ontario Ltd. 50%	16	2013-Nov-21	2015-Nov-21
4261227	FOLEYET	Larry Gervais 50% - 1571925 Ontario Ltd. 50%	9	2013-Nov-21	2015-Nov-21
4244837	KEITH	Larry Gervais 50% - 1571925 Ontario Ltd. 50%	9	2014-Jun-12	2016-Jun-12
4261223	KEITH	Larry Gervais 50% - 1571925 Ontario Ltd. 50%	12	2013-Sep-30	2015-Sep-30
4261224	KEITH	Larry Gervais 50% - 1571925 Ontario Ltd. 50%	16	2013-Oct-15	2015-Oct-15
4268959	KEITH	Larry Gervais - 100%	1	2012-Sep-17	2015-Sep-17
4268961	KEITH	Larry Gervais - 100%	8	2012-Sep-17	2015-Sep-17
4269072	KEITH	Larry Gervais - 100%	15	2012-Feb-06	2015-Feb-06
4269073	KEITH	Larry Gervais - 100%	6	2012-Feb-06	2015-Feb-06
4269074	KEITH	Larry Gervais - 100%	4	2012-Feb-06	2015-Feb-06
4269075	KEITH	Larry Gervais - 100%	10	2012-Feb-06	2015-Feb-06
4269076	KEITH	Larry Gervais - 100%	4	2012-Feb-06	2015-Feb-06
4269077	KEITH	Larry Gervais - 100%	12	2012-Feb-06	2015-Feb-06
4269078	KEITH	Larry Gervais - 100%	12	2012-Feb-06	2015-Feb-06
4261208	KEITH	1571925 Ontario Ltd. - 100%	12	2014-Apr-09	2016-Apr-09
4275370	KEITH	1571925 Ontario Ltd. - 100%	1	2014-Apr-08	2016-Apr-08
4275376	KEITH	1571925 Ontario Ltd. - 100%	12	2014-Apr-08	2016-Apr-08
4275377	KEITH	1571925 Ontario Ltd. - 100%	16	2014-Apr-08	2016-Apr-08
4275378	KEITH	1571925 Ontario Ltd. - 100%	15	2014-Apr-08	2016-Apr-08
4275379	KEITH	1571925 Ontario Ltd. - 100%	16	2014-Apr-08	2016-Apr-08
4275381	KEITH	1571925 Ontario Ltd. - 100%	16	2014-Apr-08	2016-Apr-08
4275382	KEITH	1571925 Ontario Ltd. - 100%	16	2014-Apr-08	2016-Apr-08
4275383	KEITH	1571925 Ontario Ltd. - 100%	16	2014-Apr-08	2016-Apr-08
4275384	KEITH	1571925 Ontario Ltd. - 100%	16	2014-Apr-08	2016-Apr-08
4275385	KEITH	1571925 Ontario Ltd. - 100%	10	2014-Apr-08	2016-Apr-08
4275698	KEITH	1571925 Ontario Ltd. - 100%	16	2014-Apr-02	2016-Apr-02
4275699	KEITH	1571925 Ontario Ltd. - 100%	13	2014-Apr-08	2016-Apr-08
4278035	KEITH	1571925 Ontario Ltd. - 100%	13	2014-Apr-02	2016-Apr-02
4271214	KEITH	Larry Gervais 50% - 1571925 Ontario Ltd. 50%	13	2013-Sep-30	2015-Sep-30

4271215	KEITH	Larry Gervais 50% - 1571925 Ontario Ltd. 50%	15	2013-Sep-30	2015-Sep-30
4271240	KEITH	Larry Gervais 50% - 1571925 Ontario Ltd. 50%	16	2013-Oct-15	2015-Oct-15
4275387	KEITH	Larry Gervais 50% - 1571925 Ontario Ltd. 50%	16	2014-Jun-12	2016-Jun-12
4275388	KEITH	Larry Gervais 50% - 1571925 Ontario Ltd. 50%	11	2014-Jun-12	2016-Jun-12
4275389	KEITH	Larry Gervais 50% - 1571925 Ontario Ltd. 50%	11	2014-Jun-12	2016-Jun-12
4261201	MUSKEGO	Larry Gervais 50% - 1571925 Ontario Ltd. 50%	8	2013-Sep-30	2015-Sep-30
4261202	MUSKEGO	Larry Gervais 50% - 1571925 Ontario Ltd. 50%	15	2013-Sep-30	2015-Sep-30
4261203	MUSKEGO	Larry Gervais 50% - 1571925 Ontario Ltd. 50%	15	2013-Sep-30	2015-Sep-30
4261204	MUSKEGO	Larry Gervais 50% - 1571925 Ontario Ltd. 50%	9	2013-Sep-30	2015-Sep-30
4261218	MUSKEGO	Larry Gervais 50% - 1571925 Ontario Ltd. 50%	12	2013-Sep-30	2015-Sep-30
4261219	MUSKEGO	Larry Gervais 50% - 1571925 Ontario Ltd. 50%	14	2013-Sep-30	2015-Sep-30
4271213	MUSKEGO	Larry Gervais 50% - 1571925 Ontario Ltd. 50%	5	2013-Sep-30	2015-Sep-30
4271235	MUSKEGO	Larry Gervais 50% - 1571925 Ontario Ltd. 50%	16	2013-Sep-30	2015-Sep-30
4271236	MUSKEGO	Larry Gervais 50% - 1571925 Ontario Ltd. 50%	7	2013-Oct-15	2015-Oct-15
4271237	MUSKEGO	Larry Gervais 50% - 1571925 Ontario Ltd. 50%	15	2013-Oct-15	2015-Oct-15
4271238	MUSKEGO	Larry Gervais 50% - 1571925 Ontario Ltd. 50%	15	2013-Oct-15	2015-Oct-15
4271239	MUSKEGO	Larry Gervais 50% - 1571925 Ontario Ltd. 50%	12	2013-Oct-15	2015-Oct-15
4271211	REEVES	Larry Gervais 50% - 1571925 Ontario Ltd. 50%	16	2013-Sep-30	2015-Sep-30
4271212	REEVES	Larry Gervais 50% - 1571925 Ontario Ltd. 50%	10	2013-Sep-30	2015-Sep-30

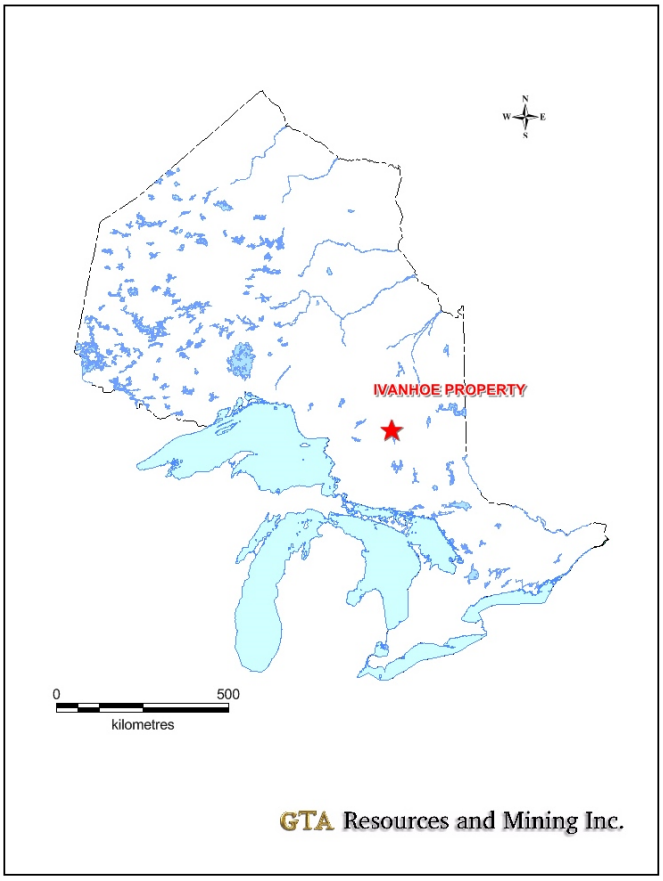

Figure 1 - Regional Location Map

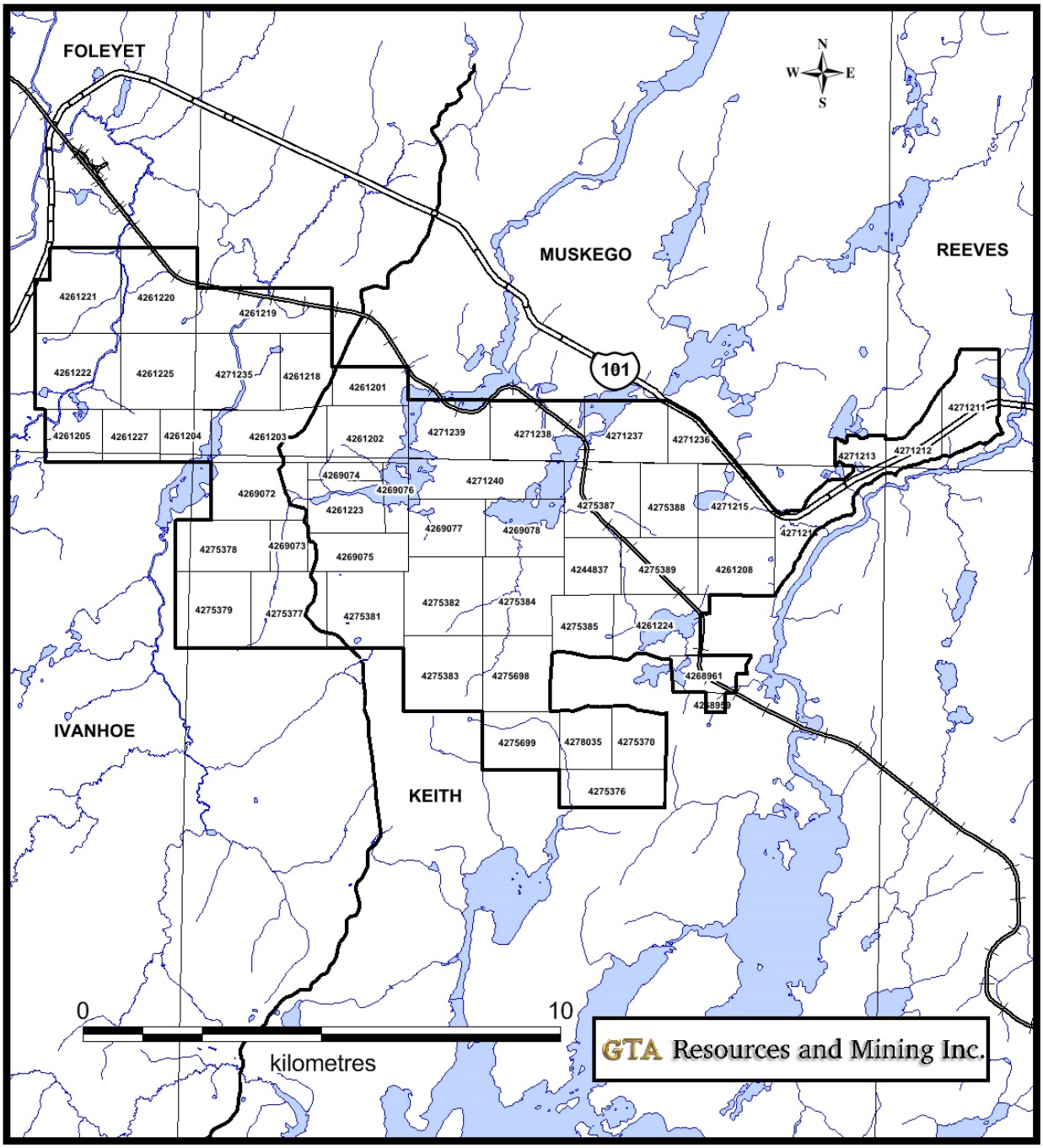

Figure 2 – Claim Location Map

6.0 REGIONAL GEOLOGY

The following regional geology description is an excerpt from J.A. Ayer's Ontario Geological Survey Report 297 titled "Precambrian Geology – Northern Swayze Greenstone Belt from 1995.

The oldest rocks in the area consist of northeasterly trending paragneiss and amphibole gneiss, intruded by both the Shawmere anorthosite complex and granitoid gneiss, within the Kapuskasing Structural Zone, on the western margin of the synoptic area. Tonalite gneiss associated with the Shawmere complex has been dated at 2765 Ma. Kapuskasing Structural Zone rocks have been metamorphosed to granulite facies conditions and are interpreted to be a segment of Archean lower crust thrust eastwards over the Abitibi Subprovince along the Ivanhoe Lake cataclastic zone.

East of the Ivanhoe Lake cataclastic zone, the northern Swayze greenstone belt consists of easterly trending supracrustal rocks subdivided into 3 distinct assemblages. The Muskego–Reeves assemblage in the northern part of the belt consists of mafic flows intercalated with ultramafic volcanic flows, iron formations, clastic sedimentary rocks and localized accumulations of intermediate to felsic flows and pyroclastic rocks. Conglomerate, wacke and mudstone occur in an extensive clastic sedimentary unit in the uppermost stratigraphic reaches of the Muskego–Reeves assemblage in the northwest part of the belt. The Horwood assemblage lies to the south. It consists predominantly of tholeiitic mafic flows with minor intercalations of fine-grained clastic sedimentary rocks, calc-alkalic pyroclastic rocks and ultramafic flows. The Hanrahan assemblage consists of intermediate to felsic pyroclastic rocks and flows capped by iron formation, within the Hanrahan antiform in the southeast part of the belt.

Extensive sill-like bodies of massive, medium-grained, cumulate-textured ultramafic rock occur in all the assemblages. Locally, in the Muskego–Reeves assemblage, the cumulate-textured ultramafic units grade along strike into ultramafic flows and thus may represent proximal-facies flows or feeder intrusions. Differentiation into an uppermost gabbroic unit occurs in the northern part of the Reeves ultramafic body.

Granitoid intrusions include both early foliated and late massive rock units. Early intrusions tend to be more sodic and are predominantly tonalite and granodiorite. They are most abundant in the large granitic complexes outside the supracrustal sequence, including the Kenogamissi batholith, the Nat River granitic complex and the Tom Smith Lake granitic complex. Smaller, early intrusions of foliated porphyry, granodiorite and granite occur within the supracrustal assemblages. Late intrusions include bodies such as the Ivanhoe Lake, Hoodoo Lake and Kukatush plutons, within the supracrustal rocks, and parts of the larger external granitic complexes mentioned above. Late granitic phases consist predominantly of massive to weakly foliated granodiorite, granite and monzonite, with minor diorite, syenite, gabbro and clinopyroxenite. Late intrusive phases of the Tom Smith Lake granitic complex and the Hoodoo Lake pluton have been dated at 2680 and 2684 Ma, respectively.

7.0 PROPERTY GEOLOGY

The Ivanhoe Property lies along the northern boundary of the Northern Swayze Greenstone Belt (NSGB). The NSGB as mentioned above, is broken down into 3 distinct assemblages, for which the Ivanhoe Property lies largely within the Muskego-Reeves assemblage composed of mafic flows intercalated with ultramafic volcanic flows, iron formations, clastic sedimentary rocks and localized accumulations of intermediate to felsic flows and pyroclastic rocks. Conglomerate, wacke and mudstone occur in an extensive clastic sedimentary unit in the uppermost stratigraphic reaches of the Muskego–Reeves assemblage in the northwest part of the belt. The rocks are generally east trending, steeply north dipping and metamorphic grades do need exceed greenschist facies. Few felsic intrusive bodies are present within the Muskego-Reeves, but the emplacement of the Slate Lake Porphyry might be important for the structural complexity and emplacement of gold deposition.

A large regional structure called the Slate Rock Deposition Zone (SRDZ) is interpreted to be an extension of the prolific Porcupine-Destor Fault, transects across the property creating a large deformation zone and associated alteration/mineralized zones. Within this deformation zone lies the 'Utah Zone' which is a strongly sheared, siliceous, sericitized and carbonatized volcanic assemblage cut by quartz veins and mineralized by coarse pyrite and arsenopyrite with widths to 20m.

Utah Mines core from hole BL-86-17 (Utah Zone)

Also within the Slate Rock Deformation Zone and west of White Duck Lake are outcrops of beautiful sericite and carbonate alteration with local quartz veins and pyrite mineralization. No gold mineralization was encountered here but the SRDZ has the alteration package and mineralization to host a significant gold deposit.

Grab from the shore of White Duck Lake illustrating alteration and quartz

South of the SLDZ is a large swath of metasediments that host pyritic horizons and carry anomalous gold numbers such as 0.25g/t Au over 14.08m that Dome Mines encountered in drilling (hole 182-5).

The Slate Lake Porphyry is a high level felsic intrusive with auriferous areas that have been encountered in both drilling and prospecting. The Slate Lake Porphyry is a 7 kilometer long cigar-shaped body that is host to the BP Porphyry Zone as outlined in two drill holes completed in 1986. Hole M.0-11 drilled by BP Resources had a 150 meter length of porphyry with eleven separate narrow intersections up to 0.90g/t over 3.41 m. A second hole, located 1 km to the west, drilled by Dome Mines in 1986 in a separate exploration program also intersected the porphyry with anomalous gold intersected over 7.44 meters. The BP hole (M-11) was sampled by GTA (includes quarter split and whole core splitting) over the 150 meters and gave anomalous gold throughout. The auriferous porphyry is characterized by moderate carbonate alteration with associated pyrite mineralization throughout the porphyry yielding anomalous gold values of 0.62g/t over 3.64 meters as well as 0.35g/t over 7.44 meters. Also within the porphyry is a newly discovered gold zone termed the 'Montana Zone' that lies near the north boundary of the porphyry in an east-west trending deformation zone.

Slate Lake Porphyry from hole M.O-11

The Montana zone is located within an east-west striking deformation/alteration zone located within a portion of the Slate Rock porphyry on the west side of Slate Rock Lake. It is a new discovery and characterized as sporadic outcrop and angular float in an area with minimum dimensions of 100 meters by 40 meters. Grab samples returned values up to 4.81g/t Au from a highly altered and mineralized "mylonitic" porphyry. The porphyry has undergone strong sericitization, bleaching and localized chloritization and hosts finely disseminated pyrite and occasional clots of galena. Late quartz-carbonate veins and stringers form a weak stockwork throughout the alteration zone.


Grab sample from Montana Zone illustrating alteration and mineralization

8.0 EXPLORATION HISTORY

Since the 1940's numerous companies have conducted work on or in close proximity to the claims this report is based upon. Below is a general breakdown.

1946-1947: Garnet Gold conducted diamond drilling west of and along strike of the Joburke Mine.

1946-1947: Aladdin-Groundhog Mines conducted diamond drilling west of and along strike of the Joburke Mine.

1946-1947: Palomar Gold Mines conducted diamond drilling around the area of the Joburke Mine.

1946-1947: Garnet Gold conducted diamond drilling west of and along strike of the Joburke Mine.

1971: Noranda Exploration Company Ltd. conducted magnetic (MAG) and electromagnetic (EM) surveys over their Muskego 2-70 and Keith 3-70 claim blocks that cover the northwest and southwest portions of this report respectively. The areas covered are west and south of Slate Rock Lake.

1973: Dome Exploration Ltd. drilled numerous diamond drillholes on different claim blocks Dome had. The blocks were on southwest Slate Rock Lake, south of Slate Rock Lake, on the north shore of Hoodoo Lake and east of Palomar Lake. The holes were drilling electromagnetic anomalies for base metals. Anomalous zinc values were returned such as 0.73% Zn over 21.12m (53-E-4) and 0.58% Zn over 22.25m (53-C-3).

1980: Dome Exploration Ltd. conducted a magnetic survey in their 'project 153' situated on the Groundhog River on the eastern flanks of the present claims.

1981: Dome Exploration Ltd. conducted a magnetic and electromagnetic survey over a large land package that encompasses 2/3 of the present claims from Foleyet Timber Road east to White Duck Lake. Numerous electromagnetic conductors were identified and later followed up by diamond drilling in 1982.

1982: Dome Exploration Ltd. drilled a minimum of 7 diamond drillholes are the area west of Slate Rock Lake testing electromagnetic conductors as well as a porphyry with elevated gold values. Hole 182-8 intersected 0.25g/t Au over 14.08m within pyritic metasediments while hole 182-10 yielded 0.31g/t Au over 5.15m in altered porphyry.

1982: Noranda Exploration Company Ltd. conducted a very small magnetic and electromagnetic survey on the north side of Ivy Lake that covers a small portion of the Utah Zone.

1985: Utah Mines Ltd. cut a grid and performed an induced polarization survey east of White Duck Lake that covers the area of the Utah Zone. IP anomalies were discovered and later followed up on by diamond drilling. Also in 1985 was a soil sampling program on the grid that yielded two weakly anomalous zones; one the correlates with the Utah Zone and a second that remains unexplained.

1986: Utah Mines Ltd. conducted magnetic and electromagnetic surveys on the 1985 grid. Induced polarization anomalies were tested and the Utah Zone was discovered with returns such as 3.13g/t Au over 2.44m in hole BL-86-13.

1987: BP Canada conducted magnetics and VLF over a large area from Muskego Lake east to the center of Keith Lake.

1987: Unigold Resources. drilled nine diamond drillholes in the area of Jackbill Lake in Muskego with no significant results.

1988: BP Canada cut an extensive grid from the west shoreline of Slate Rock Lake east to White Duck Lake and conducted an induced polarization survey. Conductive areas were later tested by means of diamond drilling returning anomalous gold values such as 0.90g/t Au over 3.41m (M.O-11) in porphyry and 0.84g/t Au over 1.45m (M.O-5) approximately 5km west along strike of the Utah Zone.

1989: Utah Mines Ltd. drilled an additional 4 holes in the Utah Zone area. Two tested the gold horizon while 2 other holes tested an electromagnetic conductor that turned out to be a semi-massive pyrite horizons in metasediments.

1991: Cominco Ltd. conducted a magnetic and electromagnetic survey in the area of the Muskego River north of Muskego Lake.

9.0 CURRENT PROGRAM

Prospecting/Soils

The program consisted of a two-phase program whereby program one was to focus on areas of the property thought to have the greatest potential of hosting gold as well as the best potential of finding bedrock. The phase one recce program generally focused on the deformations zones of White Duck through Slate Rock Lake. After initial assays were received and compiled, a short phase two program was conducted as follow-up to anomalous phase one success. Collectively 204 grab samples were taken and submitted for gold analysis with specific samples chosen for multi-element analysis, plus an additional blank and standard for quality assurance. A new gold discovery was made during phase one prospecting, called the 'Montana Zone' which lies west of Slate Rock Lake with gold in grabs to 4.81 g/t Au in an east-west trending altered and 'mylonitized' porphyry. Phase two carried out limited hand stripping and sampling along strike to try and delineate an orientation for the zone. Of interest also, is a narrow massive sulphide

horizon that was discovered approximately 200m west of the Montana Zone and hosts massive fine-grained pyrite, pyrrhotite and stringer chalcopyrite with grades up to 0.44g/t Au, 13.4g/t Ag and 0.85% Cu. The zone has been traced for 6m in length and is approximately 0.5m in width.
As part of phase two before freeze-up, two recce soil lines were carried out in a north-south fashion centered over the Montana Zone. The parallel soil lines were 100m apart with soil stations at 25m intervals targeting the 'B' horizon soil profile. Of 37 soils collected, two samples were anomalous at 29ppb and 14ppb with background values <5ppb. The two anomalous samples lie on and along strike of the Montana Zone.

Core Re-Sampling

A small program of diamond drill core re-sampling was initiated on some Utah Zone drill core from the 1986 and 1989 drill campaigns by Utah Mines Ltd, as well as hole M.O-11 by BP Resources in 1988. For the most part, the core was ¼ cut and sampled in 1.5m lengths or close to original 5 foot sample lengths. A total of 143 samples were taken from eight drill holes. A table of results in Appendix II.

10.0 CONCLUSION AND RECOMMENDATIONS

The prospecting program over late fall of 2014 was successful in identifying a new potentially significant gold zone on the Ivanhoe Property. The 'Montana Zone' as it is called is located within an east-west striking deformation/alteration zone located within a portion of the Slate Rock porphyry on the west side of Slate Rock Lake. It is a new discovery and characterized as sporadic outcrop and angular float in an area with minimum dimensions of 100 meters by 40 meters. Grab samples returned values up to 4.81g/t Au from a highly altered and mineralized "mylonitic" porphyry. The porphyry has undergone strong sericitization, bleaching and localized chloritization and hosts finely disseminated pyrite and occasional clots of galena. Late quartz-carbonate veins and stringers form a weak stockwork throughout the alteration zone. Due to the nature of the pyrite mineralization within the zone, recommended future work should consist of line-cutting, an induced polarization survey and subsequent diamond drilling.
The small recce soil program over the Utah Zone returned two anomalous soils of 29ppb and 14ppb with background levels <5ppb. These two anomalous samples lie on the Montana zone illustrating that soils may work as a reasonable exploration tool and further soils are recommended.
Although the nature of the gold grades in the Utah Zone are uneconomic, its position within the large Slate Lake Deformation Zone makes that stratigraphic unit a favorable one for future work and gold potential. A magnetic signature associated with the Utah Zone can be traced for kilometers to the west with anomalous gold results in historic drilling. Prospecting along trend revealed vast amounts of glacial overburden in the form of drumlins and eskers therefore geophysics and diamond drilling are recommended.

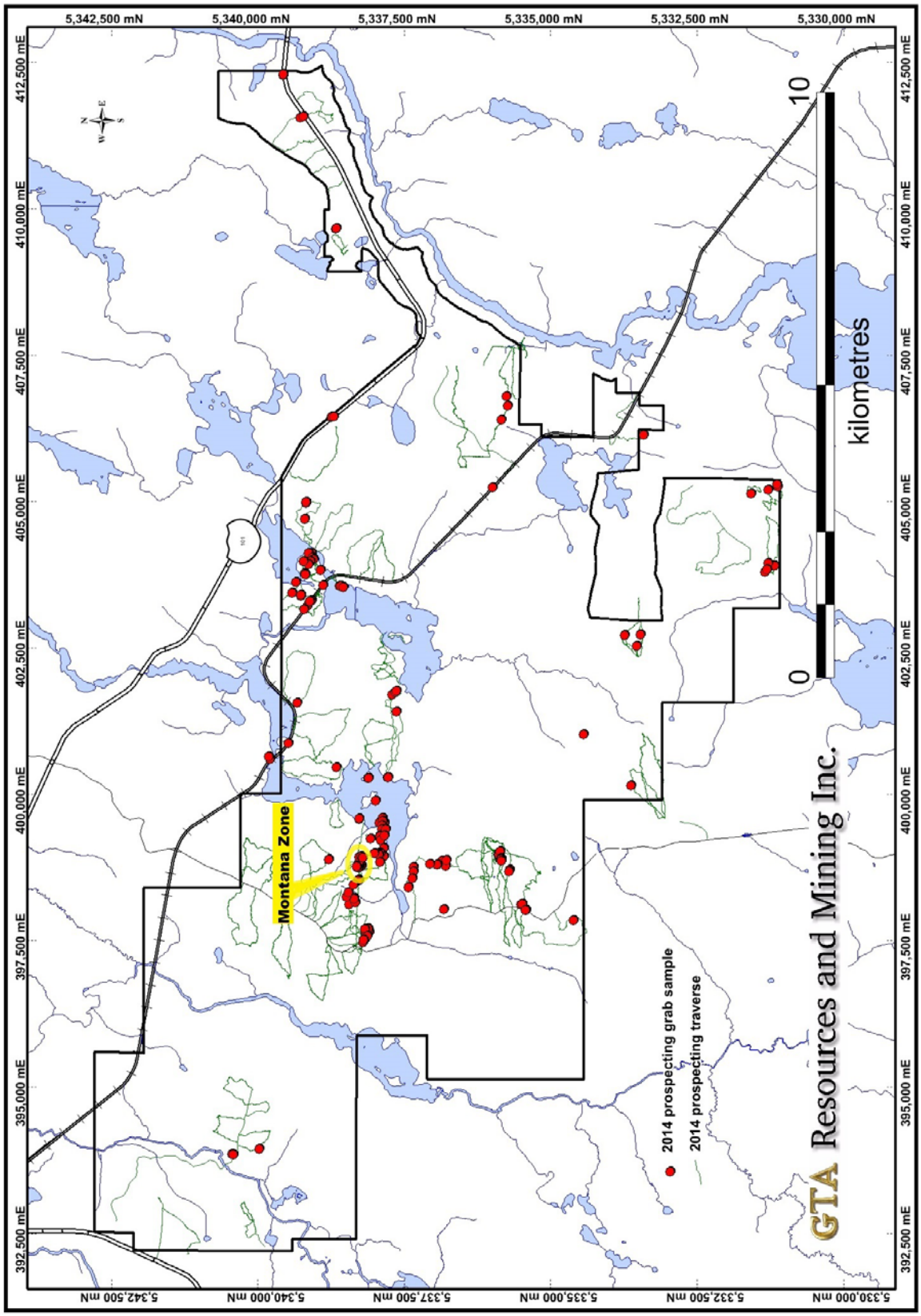

Figure 3 - Prospecting and Traverse Map

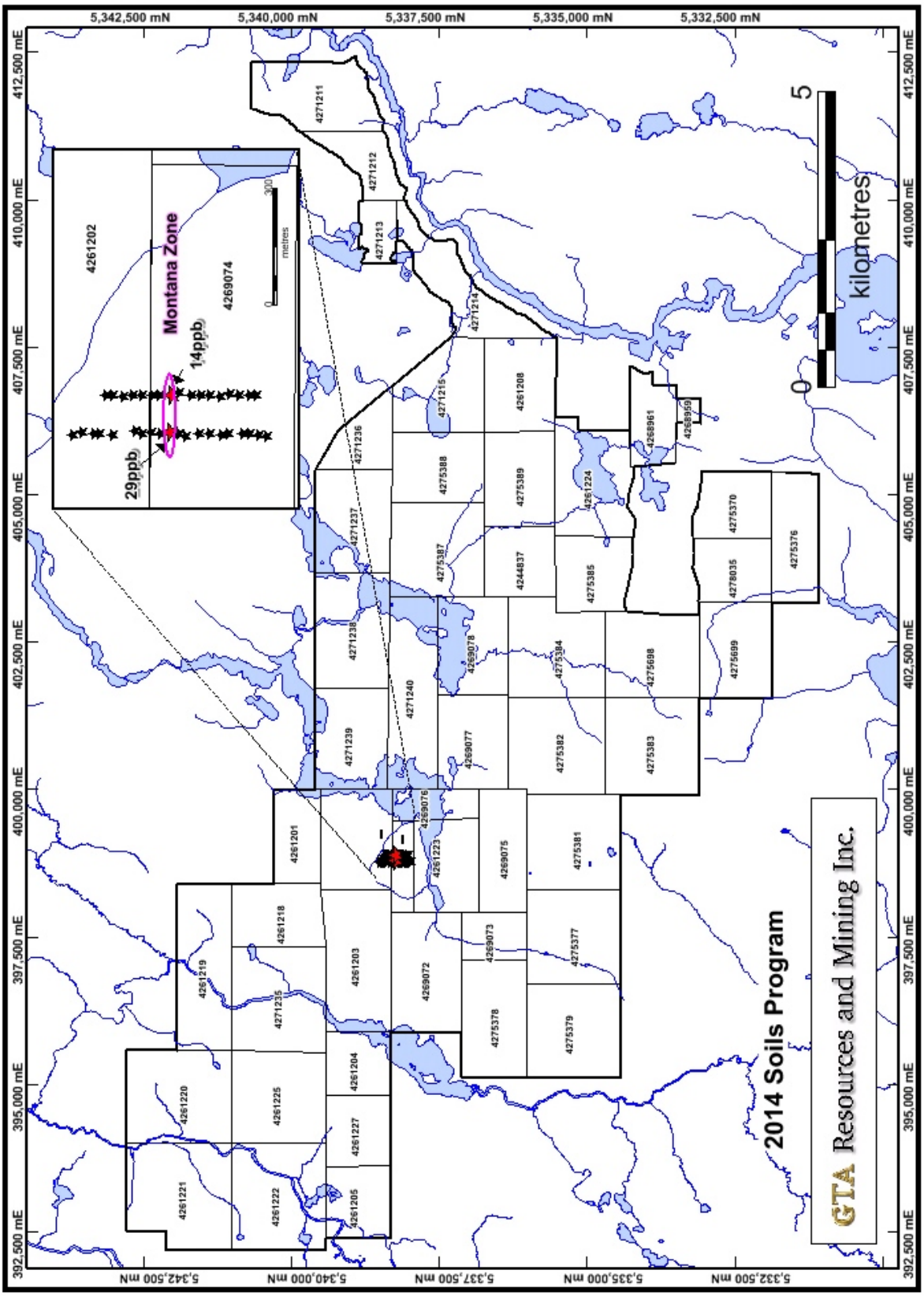

Figure 4 - Soils Location Map

Approximate Recommended Expenditures:

Line cutting:	
Approximately 20 line kilometers @ $700/km	$14,000
Induced Polarization:	
Approximately 20 line kilometers @ 1,500/km	$30,000
Drilling:	
1000m @ $170/m (all in cost of drilling)	$170,000
TOTAL	**$214,000**

11.0 REFERENCES

Ayer, J. A. 1995. Precambrian Geology Northern Swayze Greenstone Belt; Ontario Geological Survey, Report 297

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Dome Exploration Ltd., 1983. Assessment on Drilling Keith Twp. Assessment file 42B01NW0043

McIvor, D. 1986. Diamond Drilling Boulder Lake Property, Muskego and Keith Townships, June 1986; Porcupine Mining Division

McIvor, D. 1986. Diamond Drilling Boulder Lake Property, Muskego and Keith Townships, December 1986; Porcupine Mining Division

Appendix I

Prospecting Sample Descriptions and Assays

Sample Tag	Easting	Northing	Elevation	Description	Au g/t
E5565060	398028.80	5335418.38	382.2	semi-massive sulphides with massive seams in a cherty groundmass, mainly pyrite with sph and trace cpy	0.006
E5565061	398033.30	5335417.06	378.2	semi-massive sulphides with massive seams in a cherty groundmass, mainly pyrite with sph and trace cpy	0.006
E5565062	398034.92	5335422.53	378.4	semi-massive sulphides with massive seams in a cherty groundmass, mainly pyrite with sph and trace cpy	0.008
E5565063	399548.36	5337859.04	336.1	f-m.grained porphyry on Slate Rock Lake with 2% pyrite	0.258
E5565064	399556.30	5337865.11	348.8	f-m.grained porphyry on Slate Rock Lake with 2% pyrite	0.057
E5565065	400293.63	5338107.42	335.6	sericite altered porphyry? In close proximity to a sericite/chlorite/fuchsite schist, 2% disseminated pyrite	0.003
E5565066	403576.65	5338883.13	345.5	quartz veinlets in a chlorite/carb zone within a large sericite schist	0.032
E5565067	406450.17	5338739.54	362.1	quartz veining in a chlorite/carb schist, trace pyrite at best	0.09
E5565068	406459.49	5338725.75	362.5	quartz flooding in a sericite/carb schist with clotty pyrite	0.014
E5565069	406459.29	5338701.09	363.7	sericite/carb schist, fine needles of arsenopyrite at 0.5%	0.003
E5565070	397517.73	5338191.62	342.4	sheared porphyry? Remnant phenos? Carb alteration with dark grey/black qtz stringers. Pyrite mineralization as fine to 2mm cubes to 3%	0.091
E5565071	397558.12	5338146.97	333.5	massive porphyry, dark green/grey with white phenos, 2-3% disseminated pyrite	0.028
E5565072	397653.19	5338158.56	344.3	massive porphyry, dark green/grey with white phenos, <1% disseminated pyrite	0.007
E5565073	397657.26	5338088.32	339.9	sheared porphyry, carbonate altered, disseminated pyrite to 3%	0.004
E5565074	397689.13	5338103.96	342.8	coarse-grained porphyry, alkali felds phenos in dark groundmass, 1-2% disseminated pyrite	0.006
E5565075	397718.86	5338115.01	344.8	medium-grained porphyry, weak pinkish colour to felds, minor quartz stringers, 1% fine disseminated pyrite	0.011
E5565076	397706.18	5338161.82	349.6	massive porphyry/wacke, grey and relatively unaltered, 0.5-1.0% disseminted fine to slightly coarser pyrite	0.009
E5565077	401712.97	5337700.48	344.8	sheared porph/wacke, green (chloritic), fine-med grained, 0.25% coarse-grained cubic pyrite	0.001
E5565078	401758.28	5337648.76	347.6	moderately foliated porphyry, chloritic with minor carb, trace pyrite	0.001
E5565079	401757.79	5337653.37	346.9	wacke, fine-grained and textureless, 1% fine disseminated pyrite	0.005
E5565080	401781.96	5337632.39	342.8	wacke, fine-grained with occasional qtz eyes	0.002
E5565081	401418.86	5337629.10	341.2	slatey argillite, barren of sulphides	0.002
E5565082	400298.77	5337773.47	329.4	bull white quartz boulder, barren of sulphides, float is angular and roughly 1 x 0.2 x 0.8m	18.1
E5565083	400299.51	5337772.47	333.5	granodiorite float with quartz boulders, qtz veins run through granodiorite, f.gr and massive, 3-4% disseminated and coarser clotty pyrite	0.845
E5565084	403810.42	5331337.14	346.2	felsic dike? Resmbles an anorthosite with euhedral pxn in a white felsic (euhedral to subsedral) groundmass, 0.5% pyrite	0.015
E5565086	406646.29	5335732.12	371.9	f.gr ultramafic flow, serpentine alteration	0.02
E5565087	406402.18	5335837.50	360.1	f.gr ultramafic , sheared and talcous	0.001
E5565088	405253.01	5335984.71	363.5	f.gr ultramafic , sheared and talcous	0.001
E5565089	398790.28	5338249.04	358.9	extremely carb and sericite altered alteration zone with trace to 2% pyrite +/- galena	0.052
E5565090	398787.20	5338252.14	359.2	extremely carb and sericite altered alteration zone with trace to 2% pyrite +/- galena	0.02
E5565091	398783.63	5338249.45	362.3	extremely carb and sericite altered alteration zone with trace to 2% pyrite +/- galena	0.028
E5565092	398785.65	5338247.74	360.6	extremely carb and sericite altered alteration zone with trace to 2% pyrite +/- galena	1.71
E5565093	398800.34	5338252.06	364.7	extremely carb and sericite altered alteration zone with trace to 2% pyrite +/- galena	0.017
E5565094	398788.48	5338220.03	364.7	massive f-m.grained porphyry, dark matrix hosting large euhedral phenos, trace pyrite	0.002
E5565095	398786.32	5338220.11	364.7	extremely carb and sericite altered alteration zone with trace to 2% pyrite +/- galena	0.338
E5565096	398776.10	5338253.77	356.3	extremely carb and sericite altered alteration zone with trace to 2% pyrite +/- galena	0.005
E5565097	398779.05	5338249.60	356.8	extremely carb and sericite altered alteration zone with trace to 2% pyrite +/- galena	0.004
E5565098	398776.70	5338253.07	356.3	extremely carb and sericite altered alteration zone with trace to 2% pyrite +/- galena	0.023
E5565099	398775.10	5338253.07	356.3	extremely carb and sericite altered alteration zone with trace to 2% pyrite +/- galena	0.003
E5565100	398778.24	5338252.79	355.8	extremely carb and sericite altered alteration zone with trace to 2% pyrite +/- galena	0.031
E5565101	398760.81	5338272.93	355.3	extremely carb and sericite altered alteration zone with trace to 2% pyrite +/- galena	0.079
E5565102	398832.07	5338263.48	363.0	extremely carb and sericite altered alteration zone with trace to 2% pyrite +/- galena	3.64
E5565103	398832.07	5338263.48	363.0	extremely carb and sericite altered alteration zone with trace to 2% pyrite +/- galena	0.307
E5565104	398826.71	5338261.26	360.9	extremely carb and sericite altered alteration zone with trace to 2% pyrite +/- galena	0.091
E5565105	398826.71	5338261.26	360.9	extremely carb and sericite altered alteration zone with trace to 2% pyrite +/- galena	0.022
E5565106	398864.76	5338259.55	358.5	moderately altered seds/porphyry	0.003
E5565107	398860.70	5338260.40	359.2	extremely carb and sericite altered alteration zone with trace to 2% pyrite +/- galena	0.011
E5565108	398859.53	5338265.90	360.6	extremely carb and sericite altered alteration zone with trace to 2% pyrite +/- galena	0.009
E5565109	398853.43	5338262.70	361.0	moderately carb and sericite alteration, 0.5 - 1% pyrite	0.007
E5565510	398786.38	5336780.47	355.8	mv, weakly foliated and crenulated, trace py	0.001
E5565511	398888.94	5336778.97	361.8	sheared mv, strong carb alt'n with mod sericite and chlorite, crenulated, 3-4mm seams of sph?	0.001
E5565512	398872.12	5336845.45	358.5	alt'd um or quartzite, extremely silicous, grey, fine parallel hairline stringers, 1% fine fuchsite, tr py +/- arseno	0.001
E5565513	398807.37	5336927.43	350.8	same as E5565514 but hosts narrow qtz veinlets containing fine galena?	0.001
E5565514	398807.89	5336933.60	349.1	diabase, f-m.gr, massive, equigranular, mod hem or iddingsite alt'n, trace py	0.002
E5565515	398816.50	5337058.97	348.1	pebble conglomerate, fine silt to sand matrix hosting elongate cherty to felsic int pebbles, minor carb alt, trace py	0.001
E5565516	398767.18	5337333.55	350.5	same as E5565516 buts hosts massive black sphalerite, elongate clasts parallel to fol'n	0.001
E5565517	398686.21	5337333.07	346.0	same as E5565516	0.001
E5565518	398426.37	5337422.59	338.3	pebble conglomerate, coarser groundmass with silicous pebbles, trace py + arseno	0.001
E5565519	398572.94	5337355.45	342.6	sheared mv, stong fe-carb alt'n, quartz veinlets parallel to fol'n up to 1cm, trace pyrite	0.001
E5565520	398045.30	5336816.73	353.2	sheared rhyolite/andesite, extremely carb and sericite alt'd, flooded by transparent to grey qtz veinlets at random orientations, 0.5% fine py, shear @ 084-90	0.001
E5565521	404131.44	5339124.06	326.0	same as E5565521, but within some quartz flooding is a fine black mineral, tourmaline or tarnished silver mineral	0.005
E5565522	404131.71	5339124.02	330.8	sheared mv, weak carbonate with trace py +/- arseno, oriented at 260-90	0.001
E5565523	404986.36	5339166.56	348.1	white sugary quartz with carb stringers in a carb alt'd mv, quartz/carb material is 0.5m wide, oriented at 260-90	0.001
E5565524	405002.38	5339172.35	351.0	sheared mv, weak carbonate with trace arseno	0.001
E5565525	404717.36	5339189.33	348.8	sericite-chlorite schist, green/beige colour, waxy appearance, extremely schistose creating weak banding, trace pyrite	0.002
E5565526	403843.90	5338921.60	329.4	massive quartz from 0.8m quartz vein	0.003
E5565527	403629.53	5339338.82	337.5	qtz veining, minor carb stringers	0.002
E5565528	403629.53	5339338.82	337.5	crenulated chl/carb schist hosting qtz knot, tight crenulations, trace pyrite	0.004
E5565529	403629.53	5339338.82	337.5	qtz veining, white/grey, carb xenoliths, minor sericite also	0.001
E5565530	403450.76	5339411.35	337.8	sericite/carb schist, extremely schistose, crenulations and tight folds, 0.5% fine py +/- aspy	0.003
E5565531	403165.11	5339199.14	349.3	qtz veining with 20% sericite/albite elongate xenoliths, 0.25-0.5% pyrite	0.003
E5565532	403305.24	5339110.10	355.1	qtz stringers and veinlets through fine-grained chloritic vol, brecciated by quartz, 1% pyrite, close proximity to more massive quartz vein	0.002
E5565533	403399.67	5339258.47	354.6	zone of dark grey/white quartz flooding, silicified and brecciated country rock, 1.5% fine to coarse pyrite	0.016
E5565534	403399.67	5339258.47	354.6	zone of dark grey/white quartz flooding, silicified and brecciated country rock, 1.5% fine to coarse pyrite	0.008
E5565535	403422.25	5339254.94	351.5	silicified sericite schist with very fine py + arseno @ approx 0.5%	0.019
E5565536	401569.73	5339326.81	360.4	qtz erratic, bull quartz with xenoliths or laths of chl/carb schist	0.001
E5565537	401569.73	5339326.81	360.4	same as E5565536 with trace pyrite	0.001
E5565538	400468.89	5338656.47	345.0	chlorite/carb schist with trace pyrite, extreme schistosity	0.002
E5565539	399587.84	5338262.68	334.2	conglomerate, chlorite alt'd with felsic clasts ranging from 1mm to 4cm, minor carb alt, trace pyrite	0.002
E5565540	399592.95	5338266.95	336.8	Feldspar Porphyry, f-m.grained, massive, dark grey/green with white phenos, 2-3% pyrite	0.005
E5565541	399521.03	5337919.72	331.5	Feldspar Porphyry, f-m.grained, massive, dark grey/green with 25% white phenos, 5% pyrite	0.031
E5565542	399419.52	5337807.12	332.7	QFP? Slightly different porphyry than above, orangish colour, 50% feldspar, 5% pyrite	0.01
E5565543	399305.50	5337832.24	333.2	altered wacke, green chloritic, intruded by quartz stringers, 5% fine to very coarse pyrite	0.024
E5565544	399520.80	5337836.95	333.0	same as 042 but only 0.5% pyrite	0.018
E5565545	399609.64	5337859.87	328.4	Feldspar Porphyry, dark with coarser phenos, 5% coarse pyrite	0.089
E5565546	400292.63	5338109.72	336.3	sericite/carb/fuchsite schist, oriented @ 256-80, extremely schistose, 2% fuchsite	0.004
E5565547	399899.14	5337981.33	330.6	Feldspar Porphyry, same as 545 but only 1.5% pyrite	0.014
E5565548	412292.42	5339555.33	344.8	sheared mafic pillows with quartz veining, sulphide staining over 0.5m, stringer pyrite 2%	0.023
E5565549	412310.34	5339557.81	340.4	quartz/calcite stockwork, anastomosing veins from 1cm to 0.35m, clotty carb, odd bleb of cpy, set in sheared vol at 270-82	0.007
E5565550	411565.36	5339269.31	350.5	quartz/tourmaline veining, 40% black tourmaline, clotty local cpy	0.013
E5565551	409671.84	5338660.09	357.5	grey quartz veining in mod altered int.vol, appears almost like an exhalite, 0.5% po	0.013
E5565552	409672.92	5338658.14	358.2	fine-grained Int.vol, minor carb rind, trace pyrite	0.004
E5565553	411585.53	5339215.71	344.8	chlorite schist hosting 5% pyrite, 0.4m wide	0.006
E5565554	411588.48	5339217.91	341.9	iron formation, sample is 85% magnetite, 3% pyrite, unit is ~2m wide	0.006
E5565555	398259.73	5338477.11	359.4	conglomerate, felsic and mafic clasts well stretched in a silicous groundmass, trace py +/- aspy	0.04
E5565556	398336.93	5338452.67	352.7	Feldspar Porphyry, very fine pyrite +/- aspy	0.018
E5565557	398469.58	5338360.13	359.9	hybrid FP and seds, well foliated, minor quartz stringers, 2% disseminated pyrite	0.021
E5565558	398536.81	5338286.62	360.6	sulphide zone, sample hosts 10% fine pyrite + 1% coarse aspy in quartz, extension of MS horizon (VMS)	0.131
E5565559	397860.89	5334607.27	363.3	f.gr peridotite, massive with 0.5% pyrite	0.005
E5568160	400886.74	5339478.02	360.4	silmafic carbshearzone 5% py o/c	0.004
E5568161	399570.21	5337881.73	328.4	porphry carb alt 5%py	0.029
E5568162	399483.43	5337876.75	327.5	porphry shear 5%py	0.027
E5568163	399416.98	5337873.86	340.9	rusty carbed porphry 5% py	0.027
E5568164	399303.82	5337909.14	345.2	qtz veins /stringers through porphry tr py	0.009
E5568165	399295.37	5337904.62	339.0	qtz veins /stringers through porphry tr py	0.022
E5568166	399227.46	5337895.92	352.9	rusty porphry shear 10% py	0.050
E5568167	399013.03	5337922.71	372.9	rusty porphry shear 5% py	0.015
E5568168	398987.49	5337928.20	335.4	rusty porphry shear 5% py	0.024

E5568169	398857.66	5337913.16	373.8	rusty porphry 10% coarse py	0.012
E5568170	398777.70	5338247.39	360.1	sheared mafic ?2-5 % py qtz rich o/c	4.810
E5568171	398814.74	5338272.98	346.0	sheared mafic /porphry 5% py galena	0.200
E5568172	398821.16	5338266.37	358.7	sheared mafic /porphry 5% py galena	1.410
E5568173	398128.41	5338439.09	353.4	shearzone through medaseds tr py po	0.009
E5568174	398163.97	5338330.56	350.3	rusty mafic vol 5% py	0.022
E5568175	398165.35	5338330.01	350.0	rusty mafic vol 5% py	0.008
E5568176	398233.59	5338349.31	351.5	mafic shear 20% py	0.273
E5568177	398228.62	5338352.05	355.6	mafic shear 20% py	0.264
E5568178	398544.74	5338269.63	358.2	massive sul py po cpy zinc?	0.075
E5568179	398548.87	5338274.55	359.2	massive sul py po cpy zinc?	0.053
E5568180	398548.81	5338273.90	359.4	massive sul py po cpy zinc?	0.439
E5568181	398132.30	5335506.78	371.7	rusty mafic vol 5% py	0.006
E5568182	398142.87	5335478.62	378.2	rusty mafic vol 10% py po old trench	0.015
E5568183	398917.09	5335842.95	374.3	rusty mafic vol 5% py po zinc? White staining	0.014
E5568184	398911.70	5335837.14	371.9	rusty mafic vol 5% py po zinc? White staining	0.011
E5568185	398879.56	5335841.36	370.2	rusty mafic vol 5% py po zinc? White staining	0.008
E5568218	398726.00	5335698.00	375.0	rusted and weathered iron formation?; seds; extremely rusted and weathered; along E-W claim line; trace pyrite; possible 180 degree strike; 75 degree dip	0.004
E5568219	398722.00	5335698.00	376.0	rusted and weathered iron formation?; seds; extremely rusted and weathered; along E-W claim line; trace pyrite; possible 180 degree strike; 75 degree dip	0.007
E5568220	398722.00	5335698.00	376.0	rusted and weathered iron formation?; seds; extremely rusted and weathered; along E-W claim line; trace pyrite; possible 180 degree strike; 75 degree dip	0.005
E5568221	398722.00	5335698.00	376.0	rusted and weathered iron formation?; seds; extremely rusted and weathered; along E-W claim line; trace pyrite; possible 180 degree strike; 75 degree dip	0.008
E5568222	398695.00	5335706.00	373.0	large o/c on edge of swamp; ~5-6m high ridge; same as 8218-8221	0.005
E5568223	397521.00	5338190.00	340.0	porphyr; rusted and carb altered; mm to almost cm scale rounded qtz eyes; dark green chloritized groundmass; 1-2% fine pyrite; 5-10m long shallow o/c	0.010
E5568224	402740.00	5333462.00	340.0	weakly silicified m.tuff; minor rusted surface; trace f.gr. pyr; same part of shr from 8225	0.003
E5568225	402740.00	5333462.00	340.0	shr'd and carb altered tuff; thin, cross-cutting qtz stringers; up to 1% sulphide as pyrite +/- aspy?; 240 degree strike; 45-70 degree dip N	0.002
E5568226	402727.00	5333732.00	353.0	intermediate to mafic tuff; trace to nil sulphide; minor rusted surface; small (1-2m) o/c	0.002
E5568227	402727.00	5333732.00	353.0	milky/grey/pink qtz through tuff; vuggy qtz; minor rust and fine pyrite within host and qtz	0.002
E5568228	400164.00	5333621.00	373.0	weakly sheared intermediate to mafic vol, minor sil and qtz sweats, trace py, chloritized	0.003
E5568229	400164.00	5333621.00	373.0	weakly sheared intermediate to mafic vol, minor sil and qtz sweats, trace py, chloritized	0.003
E5568230	398896.00	5338779.00	361.0	chloritzed to moderately sheared mafic tuff, weak porph appearance, shr'd @ 320-75, barren	0.002
E5568461	406146.04	5333411.42	372.6	qtz rich vol sericite alt minor carb 5% py aspy float	3.96
E5568462	405265.73	5331115.02	358.5	gneissic vol 5% py rusty float	0.009
E5568463	403915.20	5331173.88	346.0	gneissic vol 5% py rusty float	0.015
E5568464	405308.17	5331133.45	362.3	gneissic vol 5% py rusty float	0.001
E5568465	405213.09	5331279.73	371.2	alt shear zone through mafic vol 5% py specular hematite (alt'd gab)	0.003
E5568466	405214.38	5331279.66	372.2	alt shear zone through mafic vol 5% py specular hematite (alt'd gab)	0.008
E5568467	405145.69	5331569.19	365.2	carbonated mafic vol 5% py outcrop	0.01
E5568468	399000.04	5335877.04	370.0	huge rusty alteration zone 5-10% py outcrop	0.005
E5568469	398996.49	5335873.41	348.6	huge rusty alteration zone 5-10% py outcrop	0.003
E5568470	398996.73	5335878.66	353.4	huge rusty alteration zone 5-10% py outcrop	0.001
E5568471	398985.32	5335885.57	358.0	huge rusty alteration zone 5-10% py outcrop	0.001
E5568472	398994.22	5335872.23	362.5	huge rusty alteration zone 5-10% py outcrop	0.002
E5568473	398987.58	5335884.33	370.7	huge rusty alteration zone 5-10% py outcrop	0.001
E5568474	399036.38	5335862.15	367.8	sil rusty mafic vol 5%py outcrop	0.002
E5568475	404123.28	5339072.27	338.3	qtz rich carbed mafic vol 1 foot wide through mafic shearzone 10% py outcrop	0.003
E5568476	404125.08	5339071.99	340.2	qtz rich carbed mafic vol 1 foot wide through mafic shearzone 10% py outcrop	0.001
E5568477	404125.07	5339071.97	339.9	qtz rich carbed mafic vol 1 foot wide through mafic shearzone 10% py outcrop	0.001
E5568478	404054.77	5339064.47	343.8	sil shearzone through mafic vol tr py carb alt outcrop	0.001
E5568479	404019.59	5339045.70	333.7	sil shearzone through mafic vol tr py carb alt outcrop	0.015
E5568480	403993.44	5339098.46	332.7	qtz rich shear through mafics 5% py	0.004
E5568481	403932.31	5339128.78	335.6	alt shearzone qtz rich tr py	0.001
E5568482	403985.38	5339211.79	356.8	qtz vein foot wide through alt mafics tr py carb alt outcrop	0.011
E5568483	403985.49	5339214.06	351.7	qtz vein foot wide through alt mafics tr py carb alt outcrop	0.008
E5568484	403782.81	5339197.76	338.7	meter wide qtz veins through alt mafics tr py cpy malichite staining outcrop	0.002
E5568485	403758.16	5339185.59	345.0	meter wide qtz veins through alt mafics tr py cpy malichite staining outcrop	0.001
E5568486	403758.25	5339185.75	346.9	meter wide qtz veins through alt mafics tr py cpy malichite staining outcrop	0.007
E5568487	403765.08	5339185.31	346.4	meter wide qtz veins through alt mafics tr py cpy malichite staining outcrop	0.002
E5568488	403226.85	5339145.07	350.5	sil alt vol carb alt 1% py out crop	0.031
E5568489	403314.85	5339099.91	388.7	sil alt vol carb alt 1% py out crop	0.001
E5568490	403320.56	5339088.35	361.3	sil alt vol carb alt 1% py out crop	0.01
E5568491	403570.14	5338597.95	332.0	rusty mafic shear 5% py near gov float? Float qtz rich	0.012
E5568492	403567.24	5338578.45	338.3	rusty mafic shear 5% py near gov float? Float qtz rich	0.005
E5568493	403288.40	5339118.68	349.3	sil mafic vol qtz rich 10% py	0.003
E5568494	403319.53	5339070.67	361.1	sil mafic vol qtz rich 10% py	0.003
E5568495	403547.02	5338531.71	330.6	sil mafic volqtz rich subcrop 10 % py coarse aspy	0.127
E5568496	403547.16	5338531.52	330.8	sil mafic volqtz rich subcrop 10 % py coarse aspy	0.326
E5568960	393870.00	5340432.00	339.0	mafic shr; barren of sulphide; orientented 210 degrees; 80 degree dip from entire shr (960-963)	0.005
E5568961	393870.00	5340432.00	339.0	intermediate volcanics; strongly shr'd; trace f.gr pyrite	0.002
E5568962	393858.00	5340411.00	340.0	altered section of shr zn; at least 25-30m wide; other side of trail from 960 and 961; mafic to int composition; mm-scale qtz stringers; trace pyr	0.001
E5568963	393858.00	5340411.00	340.0	bull white qtz rubble; 30cm bldr; sericite/mica rich along fractures; minor orange rusted small pods; trace visible pyrite	0.001
E5568966	397518.00	5338191.00	339.0	rusty shear through porphyry; trace pyrite; qtz rich	0.018
E5568967	397521.00	5338190.00	340.0	rusty shear through porphyry; trace pyrite; qtz rich	0.019
E5568968	397523.00	5338190.00	340.0	rusty shear through porphyry; trace pyrite; qtz rich	0.011
E5568969	393854.00	5324740.00	364.0	silicified volcanics; qtz rich; trace pyrite	0.004
E5568971	402542.00	5333530.00	349.0	mv; trace pyrite	0.002
E5568972	397526.31	5338184.61	332.0	qtz through alt poropry tr py	0.008
E5568973	397585.90	5338128.32	333.5	porphry tr py	0.019
E5568974	397478.65	5338195.94	337.1	alt porphry 5% py carb alt	0.211
E5568975	399089.46	5337838.25	344.0	rusty shear through mafic 5% py	0.027
E5568976	398946.69	5337838.36	340.4	rusty mafic vol 5% py	0.042
E5568977	399002.37	5338000.74	352.2	sil alt porphry qtz rich 5% py	0.01
E5568978	399002.93	5337894.59	355.3	rusty carbed porphry tr py	0.017
E5568979	399250.40	5338074.61	343.6	alt porphry 5% py carb alt	0.012
E5568980	403957.76	5331281.51	346.7	rusty mafic 10% py cpy huge float	0.007
E5568981	403844.68	5331304.25	346.7	mafic vol 10% py	0.002
E5568982	403845.34	5331301.80	347.9	mafic vol 10% py	0.001
E5568984	406812.18	5335745.56	366.9	f.gr ultramafic flow	0.001
E5568985	398934.42	5338265.86	355.1	extremely carb and sericite altered alteration zone with trace to 2% pyrite +/- galena	0.004
E5568986	398952.37	5338234.45	351.2	shear zone at 270-78, extremely friable and soft, few quartz stringers parallel to shearing, no evident sulphides	0.131
E5568987	398930.54	5338215.57	357.0	moderately sheared porphyry	0.023
E5568988	398927.32	5338200.34	358.0	carbonate altered porphyry	0.008
E5568991	398772.00	5338299.00	363.0	sil mafic vol carb alt 5% py	0.002
E5568992	398775.00	5338305.00	364.0	sil mafic vol carb alt 5% py	0.002
E5568993	401036.00	5334437.00	339.0	iron formation	0.001
E5568994	393954.00	5339969.00	351.0	rusty sil mafic carb alt tr py	0.001
E5568989				BLANK	0.004
E5568990				STANDARD	5.46

Appendix II

Drill Core Resampling Results

Hole-ID	From (ft)	To (ft)	From (m)	To (m)	Length (m)	Sample Tag	Au g/t
BL-86-04	88	93	26.82272616	28.3467447	1.52	E5568260	0.013
BL-86-04	93	98	28.3467447	29.87076323	1.52	E5568261	0.003
BL-86-04	98	103	29.87076323	31.39478176	1.52	E5568262	0.011
BL-86-04	103	108	31.39478176	32.91880029	1.52	E5568263	0.018
BL-86-04	108	113	32.91880029	34.44281882	1.52	E5568264	0.011
BL-86-04	113	118	34.44281882	35.96683736	1.52	E5568265	0.014
BL-86-04	118	123	35.96683736	37.49085589	1.52	E5568266	0.012
BL-86-04	123	128	37.49085589	39.01487442	1.52	E5568267	0.032
BL-86-04	128	133	39.01487442	40.53889295	1.52	E5568268	0.151
BL-86-04	133	138	40.53889295	42.06291149	1.52	E5568269	0.039
BL-86-04	138	143	42.06291149	43.58693002	1.52	E5568270	0.017
BL-86-04	143	148	43.58693002	45.11094855	1.52	E5568271	0.014
BL-86-04	148	153	45.11094855	46.63496708	1.52	E5568272	0.085
BL-86-04	153	158	46.63496708	48.15898561	1.52	E5568273	0.010
BL-86-04	158	163	48.15898561	49.68300415	1.52	E5568274	0.003
BL-86-04	163	168	49.68300415	51.20702268	1.52	E5568275	0.008
BL-86-04	168	173	51.20702268	52.73104121	1.52	E5568276	0.004
BL-86-04	173	178	52.73104121	54.25505974	1.52	E5568277	0.006
BL-86-04	178	183	54.25505974	55.77907827	1.52	E5568278	0.006
BL-86-04	183	188	55.77907827	57.30309681	1.52	E5568279	0.008
BL-86-04	188	193	57.30309681	58.82711534	1.52	E5568280	0.010
BL-86-04	193	198	58.82711534	60.35113387	1.52	E5568281	0.029
BL-86-04	198	203	60.35113387	61.8751524	1.52	E5568282	0.003
BL-86-04	203	208	61.8751524	63.39917093	1.52	E5568283	0.048
BL-86-04	208	213	63.39917093	64.92318947	1.52	E5568284	0.004
BL-86-04	213	218	64.92318947	66.447208	1.52	E5568285	<0.001
BL-86-04	218	223	66.447208	67.97122653	1.52	E5568286	0.055
BL-86-04	223	228	67.97122653	69.49524506	1.52	E5568287	0.004
BL-86-04	228	233	69.49524506	71.01926359	1.52	E5568288	0.009
BL-86-04	233	238	71.01926359	72.54328213	1.52	E5568289	0.017
BL-86-04	238	243	72.54328213	74.06730066	1.52	E5568290	0.015
BL-86-04	243	248	74.06730066	75.59131919	1.52	E5568291	0.016
BL-86-04	248	253	75.59131919	77.11533772	1.52	E5568292	0.023
BL-86-04	253	258	77.11533772	78.63935625	1.52	E5568293	0.017
BL-86-04	258	263	78.63935625	80.16337479	1.52	E5568294	0.020
BL-86-04	263	268	80.16337479	81.68739332	1.52	E5568295	0.041
BL-86-04	268	273	81.68739332	83.21141185	1.52	E5568296	0.105
BL-86-04	273	278	83.21141185	84.73543038	1.52	E5568297	0.008

quick Re-log of portion of the hole

5 to 96' Sheared ChloriteSchist
: grey/green and fine-grained
: minor sericite alt'n and local 30cm to 1m sections of brown carb alt'd
: foliation at 65 deg tca
: occasional qtz stringers and veinlets parallel to foliation

96 to 167' Sericite-Chlorite Schist
: similar to above with exception of moderate to strong sericite and carb alt'n
: the carb alt'n is mainly in the form of narrow bands with local areas of more pervassive alt'n
: the sericite is a yellow/beige colour and very fine-grained
: the unit is weakly silicified with sections of cherty-sugary qtz flooding/veins
: grey quartz present in the larger veins

167 to 270' Chlorite-Carbonate Schist
: similar to schist immediately above with less sericite becoming greener with patchy to pervassive carb
: Qtz veins ranging from 6" to 12" throughout as white to grey

270 - 43?' Chlorite Schist
: foliation steepening to 80 deg tca
: weak to minor sericite at best
: very few quartz stringers

Hole-ID	From (ft)	To (ft)	From (m)	To (m)	Length (m)	Sample Tag	Au g/t	LxG	weighted	
BL-86-17	241	244	73.45769325	74.37210436	0.91	E5568298	0.005			
BL-86-17	244	246	74.37210436	74.98171178	0.61	E5568299	0.016			
BL-86-17	246	248.8	74.98171178	75.83516216	0.85	E5568300	1.190	1.01560595		
BL-86-17	248.8	253	75.83516216	77.11533772	1.28	E5568301	0.538	0.688734455		
BL-86-17	253	258	77.11533772	78.63935625	1.52	E5568302	0.459	0.699524506		
BL-86-17	258	263	78.63935625	80.16337479	1.52	E5568303	0.457	0.696476469	**0.598521502**	**5.18m**
BL-86-17	263	268	80.16337479	81.68739332	1.52	E5568304	0.026			
BL-86-17	268	273	81.68739332	83.21141185	1.52	E5568305	0.009			
BL-86-17	273	278	83.21141185	84.73543038	1.52	E5568306	0.004			

quick Re-log of portion of the hole

to 244ft Chloritized Tuff
: weakly foliated and green in colour

244 to 246ft Mineralized Sericite/carb Schist
: yellow/orange colour
: foliated at 55 deg tca
: coarse needles of arsenopyrite up to 0.75cm long
: arseno content of 0.5%

246 to 248'10" Quartz vein @ 80 deg tca
: dark grey quartz with some marbled white qtz
: sharp contacts
: weak mineralization

248'10" to 268' Mineralized Sericite/Carb Schist
: very fine-grained and very well developed schistocity
: beige/brown pervassive colouration
: unit intruded by thin qtz veinlets and stringers
: associated with these qtz structures is coarse-grained sulphides in the host rock in the form of arseno, pyrite and sphal
: the alteration halos of the quartz structures is directly related with sulphides
: surrounding 10-15cm of quartz veinlets carries 95% of sulphides in the unit

268 to 283ft Sericite/Carb Schist
: similar in appearance to above but no secondary qtz structures and associated sulphides

Hole-ID	From (ft)	To (ft)	From (m)	To (m)	Length (m)	Sample Tag	Au g/t	L x G		
BL-86-15	149	154	45.416	46.940	1.524	E5568307	0.003			
BL-86-15	154	158	46.940	48.159	1.219	E5568308	0.123			
BL-86-15	158	163	48.159	49.683	1.524	E5568309	1.160	1.7678615		
BL-86-15	163	168	49.683	51.207	1.524	E5568310	0.292	0.4450134		
BL-86-15	168	173	51.207	52.731	1.524	E5568311	0.234	0.3566203		
BL-86-15	173	178	52.731	54.255	1.524	E5568312	0.275	0.4191051	**0.4899345**	**6.1m**
BL-86-15	178	183	54.255	55.779	1.524	E5568313	0.045			
BL-86-15	183	188	55.779	57.303	1.524	E5568314	0.057			
BL-86-15	188	193	57.303	58.827	1.524	E5568315	0.020			
BL-86-15	193	198	58.827	60.351	1.524	E5568316	0.010			
BL-86-15	198	203	60.351	61.875	1.524	E5568317	0.005			
BL-86-15	203	208	61.875	63.399	1.524	E5568318	0.006			

quick Re-log of portion of the hole

to 154' Chlorite alt'd MV

154 to 158.3' Chlorite-Sericite-Carbonate alt'd MV
: with stronger alt'n then above causing a brown/grey/green colouration

158.3 to 165.75' Quartz Vein
: mineralized quartz vein composed of grey to semi-transparent/white qtz hosting trace to 4% pyrite + arsenopyrite
: occasional sericite-rich shards (xenoliths) within vein
: sulphides associated more with darker smokey quartz
: py:aspy ratio of approx 1:1

165.75 to 198' Sericite-Carb Zone
: unit is pervassive beige/brown colour
: fine to coarse-grained pyrite and arsenopyrite
: sulphide content ranges from trace to 7% with approx 4:1 py:aspy ratio
: sulphides are associated with qtz veining material that has intruded the unit as narrow veins from 1-5cm wide
: the quartz veinlets are fingers of the vein above with random orientations but favorably parallel to foliation
: sulphides range from <1mm to 5mm in diameter in the form of cubic pyrite, needle-form aspy and coarser twinned and striated silver aspy
: best mineralization and quartz flooding to 175'

198 to 253' Chlorite Schist
: sericite and carb alt'n drops out considerably and decreases further down unit to a barren chl rich unit by ~223'

Hole-ID	From (m)	To (m)	Length (m)	Sample Tag	Au g/t
MO-11	94.22	95.72	1.5	E5568319	0.024
MO-11	95.72	97.22	1.5	E5568320	0.054
MO-11	97.22	98.72	1.5	E5568321	0.158
MO-11	98.72	100.22	1.5	E5568322	0.019
MO-11	100.22	101.12	0.9	E5568323	0.015
MO-11	101.12	102.62	1.5	E5568324	0.144
MO-11	102.62	104.12	1.5	E5568325	0.013
MO-11	104.12	105.05	0.93	E5568326	0.015
MO-11	105.05	106.55	1.5	E5568327	0.029
MO-11	106.55	108.05	1.5	E5568328	0.021
MO-11	108.05	109.55	1.5	E5568329	0.074
MO-11	109.55	110.14	0.59	E5568330	0.056
MO-11	110.14	111.03	0.89	E5568331	0.015
MO-11	111.03	112.53	1.5	E5568332	0.046
MO-11	112.53	114.03	1.5	E5568333	0.03
MO-11	114.03	115.04	1.01	E5568334	0.03
MO-11	115.04	115.74	0.7	E5568335	0.111
MO-11	115.74	117.24	1.5	E5568336	0.036
MO-11	117.24	118.74	1.5	E5568337	0.402
MO-11	118.74	120.24	1.5	E5568338	0.286
MO-11	120.24	120.78	0.54	E5568339	0.023
MO-11	120.78	122.28	1.5	E5568340	0.029
MO-11	122.28	124.38	2.1	E5568341	0.025
MO-11	124.38	126.09	1.71	E5568342	0.014
MO-11	126.09	127.47	1.38	E5568343	0.011
MO-11	127.47	129.19	1.72	E5568344	0.115
MO-11	129.19	130.91	1.72	E5568345	0.052
MO-11	130.91	133.56	2.65	E5568346	0.055
MO-11	133.56	136.27	2.71	E5568347	0.082
MO-11	136.27	137.7	1.43	E5568348	0.047
MO-11	137.7	139.02	1.32	E5568349	0.127
MO-11	139.02	141.02	2	E5568350	0.074
MO-11	141.02	143.64	2.62	E5568351	0.151
MO-11	143.64	145.06	1.42	E5568352	0.118
MO-11	145.06	145.46	0.4	E5568353	0.26
MO-11	145.46	146.82	1.36	E5568354	0.168
MO-11	146.82	149.82	3	E5568355	0.086
MO-11	149.82	152.7	2.88	E5568356	0.048
MO-11	152.7	153.34	0.64	E5568357	0.143
MO-11	153.34	155.5	2.16	E5568358	0.099
MO-11	155.5	157.7	2.2	E5568359	0.06
MO-11	157.7	160.01	2.31	E5568360	0.072
MO-11	160.01	161.78	1.77	E5568361	0.397
MO-11	161.78	164.3	2.52	E5568362	0.055
MO-11	164.3	166.35	2.05	E5568363	0.095

Hole-ID	From (ft)	To (ft)	From (m)	To (m)	Length (m)	Sample Tag	Au g/t
BL-21-89	178	184	54.26	56.08	1.85	E5568364	0.003
BL-21-89	184	190.3	56.08	58.00	1.92	E5568365	0.001
BL-21-89	190.3	195	58.00	59.44	1.43	E5568366	<0.001
BL-21-89	195	200	59.44	60.96	1.52	E5568367	<0.001
BL-21-89	283.5	290	86.41	88.39	1.98	E5568368	<0.001
BL-21-89	290	292	88.39	89.00	0.61	E5568369	<0.001
BL-21-89	292	302	89.00	92.05	3.05	E5568370	<0.001

quick Re-log of portion of the hole (original log is great)

178 to 190.3' Silicified and alt'd sed/vol?
: fine-grained light grey and silicous with 20-50% fine black chloritic bands
: appears almost as an altered and silicified argillite or tuff
: banding at 75 deg tca
: pyrite mineralization throughout from trace to 0.5%; generally along chl fractures

190.3 to 195' Quartz Veining
: composed of semi-transparent and grey quartz causing a marbled appearance
: clotty carb within qtz along with local sericite clots
: blebby pyrite associated also with qtz along vein boundaries
: between veining is alt'd vol to a sericite schist with mod chlorite alt'n
: quartz veins are located at 190.3 to 191.5 (1.5'), 192.7 to 193.1 (6") and 194.5 to 195' (6")

Hole-ID	From (ft)	To (ft)	From (m)	To (m)	Length (m)	Sample Tag	Au g/t
BL-18-89	128	138	39.01	42.06	3.05	E5568371	0.089
BL-18-89	138	148	42.06	45.11	3.05	E5568372	0.089
BL-18-89	148	158	45.11	48.16	3.05	E5568373	0.053
BL-18-89	193	196.3	58.83	59.83	1.01	E5568374	0.02
BL-18-89	196.3	201.3	59.83	61.36	1.52	E5568375	0.015
BL-18-89	201.3	206.3	61.36	62.88	1.52	E5568376	0.191
BL-18-89	206.3	212.9	62.88	64.89	2.01	E5568377	1.56
BL-18-89	212.9	215.3	64.89	65.62	0.73	E5568378	0.08

Hole-ID	From (ft)	To (ft)	From (m)	To (m)	Length (m)	Sample Tag	Au g/t
BL-19-89	410.5	412.95	125.12	125.87	0.75	E5568379	0.694

quick Re-log of portion of the hole

to 222' Carb'd Mafic Vol
: moderately banded unit with fol'n at 45 deg tca
: unit is extremely carb alt'd at top but gradationally decreases in alt'n to a chlorite vol by 168'
: the rock is a green/brown colour with felsic bands parallel to foliation
: sericite alt'n noted along some fractures as well as black chlorite
: pyrite mineralization present locally from trace to 3% and often associated with qtz flooding and sericite alt'n

133.5 to 135' Quartz Vein with minor dull black mineral (silver mineral?)

162'8" to 164'2" Quartz Flooding
: flooding in the form of anastomising qtz veinlets with approx 2% pyrite and trace aspy in the sericite alt'd wallrock
: no sulphides in quartz itself

222 to 337.3' Intermediate Tuff
: unit is a grey/brown/red colour as a result of moderate carb alt'n
: unit is moderately foliated with a fabric at 65 deg tca
: black chlorite specks throughout at approx 30%
: minor sericite alt'n
: occasional narrow qtz veinlet of grey/white qtz
: no evident sulphide mineralization

337.3 to 403' Mafic Vol
: relatively massive and featureless
:green chlorite alt'd
no qtz features or sulphides

403 to 414.5' Alt'd Zone
: zone of minor qtz flooding with associated sericite and localized sulphides
: unit is a beige colour with stringers and minor quartz veinlets from 410.5 to 413'
: grey quartz
: from 410.5 to 411.25' is a section of very coarse-grained pyrite and arsenopyrite with grains to 1cm long and averaging 15%

414.5 to 490' Mafic Vol
: similar to above except upper 12ft is weakly brecciated and may represent a flow top breccia

490 to 567' Intermediate Flow/Tuffs
: lighter in colour with increased felsic content
: grey/green colour with occasional felsic band and amygdule
: local carb alt'n below 460'

567 to 704' Mafic Tuff
: darker green and speckled appearance as a result of felsic pyroclastic material
: well foliated with local areas of increased carb alt'n
: 633 to 690 has carb and sericite alt'n with no sulphides
: 593 to 593'8" quartz veining with minor pyrite

Hole-ID	From (ft)	To (ft)	From (m)	To (m)	Length (m)	Sample Tag	Au g/t
BL-20-89	226.5	231.5	69.04	70.56	1.52	E5568380	0.017
BL-20-89	231.5	241.5	70.56	73.61	3.05	E5568381	0.032
BL-20-89	241.5	249	73.61	75.90	2.29	E5568382	0.013
BL-20-89	249	259	75.90	78.94	3.05	E5568383	0.002
BL-20-89	259	269	78.94	81.99	3.05	E5568384	0.002
BL-20-89	269	279	81.99	85.04	3.05	E5568385	0.003
BL-20-89	279	289	85.04	88.09	3.05	E5568386	0.005
BL-20-89	289	299.3	88.09	91.23	3.14	E5568387	0.003
BL-20-89	299.3	305.8	91.23	93.21	1.98	E5568388	0.02
BL-20-89	305.8	312	93.21	95.10	1.89	E5568389	0.018
BL-20-89	312	318	95.10	96.93	1.83	E5568390	0.002
BL-20-89	318	328	96.93	99.98	3.05	E5568391	0.008
BL-20-89	328	338	99.98	103.02	3.05	E5568392	0.003
BL-20-89	338	348	103.02	106.07	3.05	E5568393	0.002
BL-20-89	348	358	106.07	109.12	3.05	E5568394	0.029
BL-20-89	358	368	109.12	112.17	3.05	E5568395	0.068
BL-20-89	368	378	112.17	115.22	3.05	E5568396	0.048
BL-20-89	378	388	115.22	118.26	3.05	E5568397	0.008
BL-20-89	388	398	118.26	121.31	3.05	E5568398	0.016
BL-20-89	398	408	121.31	124.36	3.05	E5568399	0.004
BL-20-89	408	418	124.36	127.41	3.05	E5568400	0.012
BL-20-89	418	428	127.41	130.46	3.05	E5568401	0.013
BL-20-89	428	438	130.46	133.50	3.05	E5568402	0.008

quick Re-log of portion of the hole

to 184' Sericite Schist
: highly alt'd with sericite and weak carbonate
: orientation of schistosity @ 55 deg tca
: trace po along occasional fractures
: protolith appears somewhat tuffacous

184 to 231.5' Argillite
: very fine-grained unit with bedding at 55 deg tca
: unit consists of finer blacker beds and slightly coarser grey beds at mm thick
: younging unknown
: weak to moderate silicification
: localized sericite alteration
: nil to 1% py + po (locally to 1%)

231.5 to 249' Semi-massive pyrite
: pyrite content averages approx 60%
: nodules and stringers set in a quartz flooded argillte
: 264.4 to 248' is relatively unmineralized

249 to 299.3' Sericitic Argillite
: unit is similar to above but has undergone more pervassive and intense sericite alt'n
: very fine-grained bedding with possibly larger wacke beds leading to stronger sericite and sections that can be considered sericite schist
: localized carb with trace fuchsite
: trace to 0.25% finely disseminated py + po throughout

299.3 to 312' Semi-massive pyrite
: hosted in argillite
: extremely sericitized to a bleached beige unit
: sulphides occur from fine disseminations to coarse blebs/nodules
: overall avg approx 35% pyrite with areas of 1% to areas of 95%

312 to 445.5' Argillite
: to approx 338' the unit is a darker colour mudstone with less alteration and less mineralization
: below 338' to approx 408' the unit is very sericitized causing a beige/grey colouration and waxy appearance on fractures
: associated with sericite alt'n is silicification and occasional qtz veinlets (1cm)
: sulphide mineralization is associated with the silicification and veinlets as stringers and seams of pyrite from 0.3 to 1cm
: best mineralization from approx 347 to 398' averaging approx 2%

Appendix III

Soil Sampling Coordinates

Soil #	Easting	Northing	Elevation	Au ppb
E5565160	398785	5338258	352	29
E5565161	398779	5338231	358	< 5
E5565162	398772	5338214	359	< 5
E5565163	398780	5338180	363	< 5
E5565164	398781	5338154	361	< 5
E5565165	398778	5338124	357	< 5
E5565166	398780	5338108	356	< 5
E5565167	398780	5338070	353	< 5
E5565168	398779	5338052	355	< 5
E5565169	398775	5338030	354	< 5
E5565170	398772	5338008	355	< 5
E5565171	398878	5338034	354	< 5
E5565172	398878	5338054	355	< 5
E5565173	398878	5338079	357	< 5
E5565174	398881	5338102	358	< 5
E5565175	398876	5338127	365	< 5
E5565176	398878	5338153	367	< 5
E5565177	398878	5338177	369	< 5
E5565178	398877	5338201	369	< 5
E5565179	398885	5338234	367	< 5
E5565180	398879	5338254	365	14
E5565181	398879	5338283	361	< 5
E5565182	398880	5338302	355	< 5
E5565183	398878	5338327	353	< 5
E5565184	398878	5338353	350	< 5
E5565185	398875	5338376	348	< 5
E5565186	398878	5338403	345	< 5
E5565187	398880	5338419	343	< 5
E5565188	398778	5338506	342	< 5
E5565189	398782	5338480	344	< 5
E5565190	398780	5338449	343	< 5
E5565191	398781	5338438	344	< 5
E5565192	398775	5338404	345	< 5
E5565193	398788	5338345	350	< 5
E5565194	398779	5338328	351	< 5
E5565195	398784	5338303	353	< 5
E5565196	398781	5338281	355	< 5

Appendix IV

Assay Certificates

AGAT Laboratories

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CLIENT NAME: GTA RESOURCES & MINING INC
1314 BRYNE POINT ROAD
HOWE ISLAND, ON K7G2V6
(613) 542-8822

ATTENTION TO: ROBERT DUESS

PROJECT:

AGAT WORK ORDER: 14B898605

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Lab Co-ordinator

DATE REPORTED: Oct 23, 2014

PAGES (INCLUDING COVER): 5

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

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Certificate of Analysis

AGAT WORK ORDER: 14B898605

PROJECT:

CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: ROBERT DUESS

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Oct 07, 2014 | DATE RECEIVED: Oct 07, 2014 | DATE REPORTED: Oct 23, 2014 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample ID (AGAT ID) RDL:	0.01	0.001
E5568224 (5905183)	1.04	0.003
E5568225 (5905184)	0.92	0.002
E5568226 (5905185)	1.00	0.002
E5568227 (5905186)	0.88	0.002
E5568471 (5905187)	0.90	0.002

Comments: RDL - Reported Detection Limit

Certified By:

AGAT Laboratories

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Quality Assurance - Replicate

AGAT WORK ORDER: 14B898605

PROJECT:

CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: ROBERT DUESS

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

	REPLICATE #1															
Parameter	Sample ID	Original	Replicate	RPD												
Au	5905183	0.0030	0.0024	22.2%												

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Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 14B898605

PROJECT:

CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: ROBERT DUESS

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

	CRM #1 (ref.GSP7J)				CRM #2 (ref.GS6D)											
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Au	0.722	0.71	98%	90% - 110%	6.09	6.07	100%	90% - 110%								

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Method Summary

CLIENT NAME: GTA RESOURCES & MINING INC

AGAT WORK ORDER: 14B898605

PROJECT:

ATTENTION TO: ROBERT DUESS

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES

AGAT Laboratories

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CLIENT NAME: GTA RESOURCES & MINING INC
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HOWE ISLAND, ON K7G2V6
(613) 542-8822

ATTENTION TO: DON HEEREAMA, WAYNE REID

PROJECT:

AGAT WORK ORDER: 14U888053

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Lab Co-ordinator

DATE REPORTED: Oct 07, 2014

PAGES (INCLUDING COVER): 8

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

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Certificate of Analysis

AGAT WORK ORDER: 14U888053

PROJECT:

CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: DON HEEREAMA, WAYNE REID

(201-073) Aqua Regia Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 12, 2014 | DATE RECEIVED: Sep 08, 2014 | DATE REPORTED: Oct 07, 2014 | SAMPLE TYPE: Rock

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
E5568468 (5800377)	<0.2	0.79	85	19	11	<0.5	<1	0.22	<0.5	5	59.1	33.3	80.5	16.6
E5568469 (5800378)	<0.2	1.33	31	24	15	<0.5	<1	0.53	<0.5	8	51.0	55.6	74.8	10.8
E5568470 (5800379)	<0.2	0.95	3	7	17	0.6	<1	1.88	<0.5	9	17.0	46.7	84.7	5.11
E5568471 (5800380)	<0.2	0.70	5	<5	18	0.8	<1	0.17	<0.5	4	27.1	51.6	95.0	4.53
E5568472 (5800381)	<0.2	1.55	<1	<5	57	<0.5	<1	0.34	<0.5	6	36.8	86.8	97.3	8.69
E5568473 (5800383)	<0.2	1.28	2	<5	26	0.6	<1	0.78	<0.5	7	32.8	44.6	111	7.41

Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
E5568468 (5800377)	11	4	<1	0.07	4	8	0.61	325	3.6	0.03	43.7	415	22.9	<10
E5568469 (5800378)	12	3	<1	0.05	4	8	0.68	392	1.6	0.14	53.4	524	15.0	<10
E5568470 (5800379)	7	<1	<1	0.08	4	6	0.75	1460	2.4	0.06	22.5	722	8.8	<10
E5568471 (5800380)	5	1	<1	0.09	1	5	0.69	341	1.5	0.05	38.0	383	6.1	<10
E5568472 (5800381)	8	<1	<1	0.10	3	10	1.58	913	1.9	0.05	63.1	595	9.3	<10
E5568473 (5800383)	7	<1	<1	0.12	3	4	0.55	681	2.4	0.15	57.7	477	13.4	<10

Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
E5568468 (5800377)	>10	<1	2.6	<10	<5	9.6	<10	<10	<5	0.04	<5	<5	28.6	<1
E5568469 (5800378)	8.43	<1	4.7	<10	<5	17.0	<10	<10	6	0.05	<5	<5	41.1	<1
E5568470 (5800379)	1.82	<1	4.9	<10	10	11.7	<10	<10	<5	0.18	<5	<5	61.9	<1
E5568471 (5800380)	2.42	<1	3.7	<10	10	4.8	<10	<10	<5	0.21	<5	<5	41.1	<1
E5568472 (5800381)	5.25	1	4.5	<10	7	7.1	<10	<10	<5	0.13	<5	<5	61.9	<1
E5568473 (5800383)	5.03	<1	2.8	<10	5	15.9	<10	<10	<5	0.14	<5	<5	31.5	<1

Certified By:

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Certificate of Analysis

AGAT WORK ORDER: 14U888053

PROJECT:

CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: DON HEEREAMA, WAYNE REID

(201-073) Aqua Regia Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 12, 2014 | DATE RECEIVED: Sep 08, 2014 | DATE REPORTED: Oct 07, 2014 | SAMPLE TYPE: Rock

Analyte:	Y	Zn	Zr
Unit:	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.5	5
E5568468 (5800377)	3	282	6
E5568469 (5800378)	6	232	8
E5568470 (5800379)	6	102	<5
E5568471 (5800380)	4	68.5	<5
E5568472 (5800381)	6	330	<5
E5568473 (5800383)	6	223	<5

Comments: RDL - Reported Detection Limit

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Certificate of Analysis

AGAT WORK ORDER: 14U888053

PROJECT:

CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: DON HEEREAMA, WAYNE REID

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Sep 12, 2014 | DATE RECEIVED: Sep 08, 2014 | DATE REPORTED: Oct 07, 2014 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au	Au-Grav
Unit:	kg	ppm	g/t
Sample ID (AGAT ID) RDL:	0.01	0.001	0.05
E5568461 (5800370)	0.72	3.96	3.95
E5568462 (5800371)	1.24	0.009	
E5568463 (5800372)	0.76	0.015	
E5568464 (5800373)	1.56	<0.001	
E5568465 (5800374)	0.66	0.003	
E5568466 (5800375)	1.46	0.008	
E5568467 (5800376)	0.70	0.010	
E5568468 (5800377)	0.82	0.005	
E5568469 (5800378)	0.58	0.003	
E5568470 (5800379)	1.06	<0.001	
E5568471 (5800380)	0.58	<0.001	
E5568472 (5800381)	0.74	0.002	
E5568473 (5800383)	0.46	<0.001	
E5568474 (5800384)	0.92	0.002	
E5565510 (5800385)	1.18	<0.001	
E5565511 (5800386)	1.52	<0.001	
E5565512 (5800387)	1.10	<0.001	
E5565513 (5800388)	0.78	<0.001	
E5565514 (5800389)	1.74	0.002	
E5565515 (5800390)	0.70	<0.001	
E5565516 (5800391)	1.02	<0.001	
E5565517 (5800392)	0.76	0.001	
E5565518 (5800393)	1.40	<0.001	
E5565519 (5800394)	0.62	<0.001	
E5565520 (5800395)	1.32	<0.001	
E5565521 (5800396)	0.56	0.005	
E5565522 (5800397)	1.40	<0.001	

Comments: RDL - Reported Detection Limit

Certified By:

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Quality Assurance - Replicate

AGAT WORK ORDER: 14U888053

PROJECT:

CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: DON HEEREAMA, WAYNE REID

(201-073) Aqua Regia Digest - Metals Package, ICP-OES finish

	REPLICATE #1															
Parameter	Sample ID	Original	Replicate	RPD												
Ag		< 0.2	< 0.2	0.0%												
Al		0.997	0.972	2.5%												
As		< 1	< 1	0.0%												
B		< 5	< 5	0.0%												
Ba		62	60	3.3%												
Be		< 0.5	< 0.5	0.0%												
Bi		< 1	< 1	0.0%												
Ca		1.55	1.53	1.3%												
Cd		< 0.5	< 0.5	0.0%												
Ce		26	25	3.9%												
Co		11.1	10.5	5.6%												
Cr		34.9	33.2	5.0%												
Cu		57.6	55.5	3.7%												
Fe		3.15	3.11	1.3%												
Ga		6	5	18.2%												
Hg		< 1	< 1	0.0%												
In		< 1	< 1	0.0%												
K		0.115	0.113	1.8%												
La		12	12	0.0%												
Li		7	7	0.0%												
Mg		0.92	0.91	1.1%												
Mn		957	915	4.5%												
Mo		2.86	2.48	14.2%												
Na		0.035	0.034	2.9%												
Ni		39.7	37.0	7.0%												
P		790	726	8.4%												
Pb		3.7	5.9													
Rb		< 10	< 10	0.0%												
S		0.0953	0.0903	5.4%												
Sb		< 1	< 1	0.0%												
Sc		3.03	2.94	3.0%												

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AGAT WORK ORDER: 14U888053

PROJECT:

CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: DON HEEREAMA, WAYNE REID

Se		< 10	< 10	0.0%												
Sn		< 5	< 5	0.0%												
Sr		115	112	2.6%												
Ta		< 10	< 10	0.0%												
Te		< 10	< 10	0.0%												
Th		< 5	< 5	0.0%												
Ti		0.01	0.01	0.0%												
Tl		< 5	< 5	0.0%												
U		< 5	< 5	0.0%												
V		14.8	14.3	3.4%												
W		< 1	< 1	0.0%												
Y		4	4	0.0%												
Zn		64.3	64.2	0.2%												
Zr		14	14	0.0%												
(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)																
	REPLICATE #1															
Parameter	Sample ID	Original	Replicate	RPD												
Au	5800370	3.96	4.62	15.4%												

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Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 14U888053

PROJECT:

CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: DON HEEREAMA, WAYNE REID

(201-073) Aqua Regia Digest - Metals Package, ICP-OES finish

	CRM #1 (ref.CFRM-100)				CRM #2											
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Co	184	170	92%	90% - 110%												
Cu	3494	3482	100%	90% - 110%												
Ni	2985	2763	93%	90% - 110%												

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

	CRM #1 (ref.1P5K)				CRM #2											
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Au	1.44	1.57	109%	90% - 110%												
Au-Grav					14.8	15.0	101%	95% - 105%								

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Method Summary

CLIENT NAME: GTA RESOURCES & MINING INC

AGAT WORK ORDER: 14U888053

PROJECT:

ATTENTION TO: DON HEEREAMA, WAYNE REID

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Ag	MIN-200-12020		ICP/OES
Al	MIN-200-12020		ICP/OES
As	MIN-200-12020		ICP/OES
B	MIN-200-12020		ICP/OES
Ba	MIN-200-12020		ICP/OES
Be	MIN-200-12020		ICP/OES
Bi	MIN-200-12020		ICP/OES
Ca	MIN-200-12020		ICP/OES
Cd	MIN-200-12020		ICP/OES
Ce	MIN-200-12020		ICP/OES
Co	MIN-200-12020		ICP/OES
Cr	MIN-200-12020		ICP/OES
Cu	MIN-200-12020		ICP/OES
Fe	MIN-200-12020		ICP/OES
Ga	MIN-200-12020		ICP/OES
Hg	MIN-200-12020		ICP/OES
In	MIN-200-12020		ICP/OES
K	MIN-200-12020		ICP/OES
La	MIN-200-12020		ICP/OES
Li	MIN-200-12020		ICP/OES
Mg	MIN-200-12020		ICP/OES
Mn	MIN-200-12020		ICP/OES
Mo	MIN-200-12020		ICP/OES
Na	MIN-200-12020		ICP/OES
Ni	MIN-200-12020		ICP/OES
P	MIN-200-12020		ICP/OES
Pb	MIN-200-12020		ICP/OES
Rb	MIN-200-12020		ICP/OES
S	MIN-200-12020		ICP/OES
Sb	MIN-200-12020		ICP/OES
Sc	MIN-200-12020		ICP/OES
Se	MIN-200-12020		ICP/OES
Sn	MIN-200-12020		ICP/OES
Sr	MIN-200-12020		ICP/OES
Ta	MIN-200-12020		ICP/OES
Te	MIN-200-12020		ICP/OES
Th	MIN-200-12020		ICP/OES
Ti	MIN-200-12020		ICP/OES
Tl	MIN-200-12020		ICP/OES
U	MIN-200-12020		ICP/OES
V	MIN-200-12020		ICP/OES
W	MIN-200-12020		ICP/OES
Y	MIN-200-12020		ICP/OES
Zn	MIN-200-12020		ICP/OES
Zr	MIN-200-12020		ICP/OES
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Au-Grav	MIN-200-12006		GRAVIMETRIC

AGAT Laboratories

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CLIENT NAME: GTA RESOURCES & MINING INC
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(613) 542-8822

ATTENTION TO: ROBERT DUESS

PROJECT:

AGAT WORK ORDER: 14U886025

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Lab Co-ordinator

DATE REPORTED: Oct 06, 2014

PAGES (INCLUDING COVER): 6

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

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Certificate of Analysis

AGAT WORK ORDER: 14U886025

PROJECT:

CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: ROBERT DUESS

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 09, 2014 | DATE RECEIVED: Sep 08, 2014 | DATE REPORTED: Oct 06, 2014 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample ID (AGAT ID) RDL:	0.01	0.001
E5568260 (5784017)	0.78	0.013
E5568261 (5784018)	0.96	0.003
E5568262 (5784019)	1.16	0.011
E5568263 (5784020)	0.98	0.018
E5568264 (5784021)	0.92	0.011
E5568265 (5784022)	0.90	0.014
E5568266 (5784023)	0.60	0.012
E5568267 (5784024)	0.78	0.032
E5568268 (5784025)	0.80	0.151
E5568269 (5784026)	0.68	0.039
E5568270 (5784027)	0.92	0.017
E5568271 (5784028)	0.98	0.014
E5568272 (5784029)	0.88	0.085
E5568273 (5784030)	0.82	0.010
E5568274 (5784031)	0.82	0.003
E5568275 (5784032)	0.74	0.008
E5568276 (5784033)	0.72	0.004
E5568277 (5784034)	0.82	0.006
E5568278 (5784035)	0.90	0.006
E5568279 (5784036)	1.00	0.008
E5568280 (5784037)	0.86	0.010
E5568281 (5784038)	0.68	0.029
E5568282 (5784039)	0.86	0.003
E5568283 (5784040)	0.84	0.048
E5568284 (5784041)	0.92	0.004
E5568285 (5784042)	0.94	<0.001
E5568286 (5784043)	0.94	0.055
E5568287 (5784044)	0.88	0.004
E5568288 (5784045)	0.92	0.009
E5568289 (5784046)	0.82	0.017
E5568290 (5784047)	1.18	0.015

Certified By:

AGAT Laboratories
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Certificate of Analysis

AGAT WORK ORDER: 14U886025

PROJECT:

CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: ROBERT DUESS

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 09, 2014 | DATE RECEIVED: Sep 08, 2014 | DATE REPORTED: Oct 06, 2014 | SAMPLE TYPE: Drill Core

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample ID (AGAT ID) RDL:	0.01	0.001
E5568291 (5784048)	0.88	0.016
E5568292 (5784049)	1.10	0.023
E5568293 (5784050)	0.86	0.017
E5568294 (5784051)	1.04	0.020
E5568295 (5784052)	0.88	0.041
E5568296 (5784053)	0.82	0.105
E5568297 (5784054)	0.76	0.008
E5568298 (5784055)	0.84	0.005
E5568299 (5784056)	0.52	0.016
E5568300 (5784057)	0.66	1.19
E5568301 (5784058)	1.14	0.538
E5568302 (5784059)	0.82	0.459
E5568303 (5784060)	0.98	0.457
E5568304 (5784061)	0.98	0.026
E5568305 (5784062)	0.84	0.009
E5568306 (5784063)	0.90	0.004

Comments: RDL - Reported Detection Limit

Certified By:

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Quality Assurance - Replicate

AGAT WORK ORDER: 14U886025

PROJECT:

CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: ROBERT DUESS

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

	REPLICATE #1				REPLICATE #2											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	5784017	0.013	0.003		5784034	0.006	0.005	18.2%								

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Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 14U886025

PROJECT:

CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: ROBERT DUESS

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

	CRM #1 (ref.1P5K)				CRM #2 (ref.GS6D)				CRM #3 (ref.1P5K)							
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Au	1.44	1.58	109%	90% - 110%	6.09	6.09	100%	90% - 110%	1.44	1.57	109%	90% - 110%				

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Method Summary

CLIENT NAME: GTA RESOURCES & MINING INC

AGAT WORK ORDER: 14U886025

PROJECT:

ATTENTION TO: ROBERT DUESS

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES

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CLIENT NAME: GTA RESOURCES & MINING INC
1314 BRYNE POINT ROAD
HOWE ISLAND, ON K7G2V6
(613) 542-8822

ATTENTION TO: DON HEEREAMA, WAYNE REID

PROJECT:

AGAT WORK ORDER: 14U888471

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Lab Co-ordinator

DATE REPORTED: Oct 07, 2014

PAGES (INCLUDING COVER): 8

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

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Certificate of Analysis

AGAT WORK ORDER: 14U888471

PROJECT:

CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: DON HEEREAMA, WAYNE REID

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 15, 2014 | DATE RECEIVED: Sep 12, 2014 | DATE REPORTED: Oct 07, 2014 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample ID (AGAT ID) RDL:	0.01	0.001
E5568475 (5804128)	0.64	0.003
E5568476 (5804129)	0.94	<0.001
E5568477 (5804130)	0.72	0.001
E5568478 (5804131)	0.76	<0.001
E5568479 (5804132)	0.52	0.015
E5568480 (5804133)	0.84	0.004
E5568481 (5804134)	0.92	<0.001
E5568482 (5804135)	1.04	0.011
E5568483 (5804136)	1.24	0.008
E5568484 (5804137)	0.52	0.002
E5568485 (5804138)	0.64	<0.001
E5568486 (5804139)	0.52	0.007
E5568487 (5804140)	0.90	0.002
E5568488 (5804141)	1.08	0.031
E5568489 (5804142)	0.76	0.001
E5568490 (5804143)	1.16	0.010
E5568491 (5804144)	0.78	0.012
E5568492 (5804145)	0.96	0.005
E5568493 (5804146)	0.96	0.003
E5568494 (5804147)	0.82	0.003
E5568495 (5804148)	1.02	0.127
E5568496 (5804149)	0.82	0.326
E5668160 (5804150)	0.54	0.004
E5565523 (5804151)	0.80	0.001
E5565524 (5804152)	0.46	<0.001
E5565525 (5804153)	1.06	0.002
E5565526 (5804154)	1.22	0.003
E5565527 (5804155)	1.52	0.002
E5565528 (5804156)	1.58	0.004
E5565529 (5804157)	1.96	<0.001
E5565530 (5804158)	0.88	0.003

Certified By: Y. chan.

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AGAT WORK ORDER: 14U888471

PROJECT:

CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: DON HEEREAMA, WAYNE REID

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 15, 2014 | DATE RECEIVED: Sep 12, 2014 | DATE REPORTED: Oct 07, 2014 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample ID (AGAT ID) RDL:	0.01	0.001
E5565531 (5804159)	1.12	0.003
E5565532 (5804160)	0.64	0.002
E5565533 (5804161)	2.04	0.016
E5565534 (5804162)	1.86	0.008
E5565535 (5804163)	0.78	0.019
E5565536 (5804164)	2.10	0.001
E5565537 (5804165)	1.30	0.001
E5565538 (5804166)	0.70	0.002
E5565539 (5804167)	0.68	0.002
E5565540 (5804168)	0.80	0.005
E5565541 (5804169)	1.62	0.031
E5565542 (5804170)	0.88	0.010
E5565543 (5804171)	0.96	0.024
E5565544 (5804172)	0.86	0.018
E5565545 (5804173)	0.56	0.089
E5565546 (5804174)	0.62	0.004
E5565547 (5804175)	0.98	0.014
E5568307 (5804176)	1.42	0.003
E5568308 (5804177)	0.78	0.123
E5568309 (5804178)	1.00	1.16
E5568310 (5804179)	0.90	0.292
E5568311 (5804180)	0.98	0.234
E5568312 (5804181)	0.96	0.275
E5568313 (5804182)	0.94	0.045
E5568314 (5804183)	0.60	0.057
E5568315 (5804184)	0.90	0.020
E5568316 (5804185)	0.82	0.010
E5568317 (5804186)	0.90	0.005
E5568318 (5804187)	1.00	0.006
E5568319 (5804188)	1.76	0.024
E5568320 (5804189)	0.88	0.054

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AGAT WORK ORDER: 14U888471

PROJECT:

CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: DON HEEREAMA, WAYNE REID

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 15, 2014 | DATE RECEIVED: Sep 12, 2014 | DATE REPORTED: Oct 07, 2014 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample ID (AGAT ID) RDL:	0.01	0.001
E5568321 (5804190)	1.06	0.158
E5568322 (5804191)	1.04	0.019
E5568323 (5804192)	0.60	0.015
E5568324 (5804193)	0.96	0.144
E5568325 (5804194)	2.18	0.013
E5568326 (5804195)	1.34	0.015
E5568327 (5804196)	0.98	0.029
E5568328 (5804197)	0.90	0.021
E5568329 (5804198)	0.76	0.074
E5568330 (5804199)	0.48	0.056
E5568331 (5804200)	1.16	0.015
E5568332 (5804201)	0.82	0.046
E5568333 (5804202)	0.84	0.030
E5568334 (5804203)	0.52	0.030
E5568335 (5804204)	0.74	0.111
E5568336 (5804205)	1.08	0.036
E5568337 (5804206)	0.90	0.402
E5568338 (5804207)	0.84	0.286
E5568339 (5804208)	0.46	0.023
E5568340 (5804209)	2.00	0.029
E5568341 (5804210)	2.78	0.025
E5568342 (5804211)	1.08	0.014
E5568343 (5804212)	1.70	0.011
E5568344 (5804213)	1.24	0.115
E5568345 (5804214)	0.92	0.052
E5568346 (5804215)	3.50	0.055
E5568347 (5804216)	1.64	0.082
E5568348 (5804217)	2.06	0.047
E5568349 (5804218)	0.82	0.127
E5568350 (5804219)	3.04	0.074
E5568351 (5804220)	3.54	0.151

Certified By: Y. chen.

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AGAT WORK ORDER: 14U888471

PROJECT:

CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: DON HEEREAMA, WAYNE REID

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Sep 15, 2014 | DATE RECEIVED: Sep 12, 2014 | DATE REPORTED: Oct 07, 2014 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample ID (AGAT ID) RDL:	0.01	0.001
E5568352 (5804221)	0.92	0.118
E5568353 (5804222)	0.62	0.260
E5568354 (5804223)	0.92	0.168
E5568355 (5804224)	3.82	0.086
E5568356 (5804225)	3.52	0.048
E5568357 (5804226)	0.58	0.143
E5568358 (5804227)	2.74	0.099
E5568359 (5804228)	2.68	0.060
E5568360 (5804229)	3.44	0.072
E5568361 (5804230)	1.12	0.397
E5568362 (5804231)	3.40	0.055
E5568363 (5804232)	2.76	0.095
E5568364 (5804233)	1.00	0.003
E5568365 (5804234)	0.92	0.001
E5568366 (5804235)	0.94	<0.001
E5568367 (5804236)	0.82	<0.001
E5568368 (5804237)	2.12	<0.001
E5568369 (5804238)	0.36	<0.001
E5568370 (5804239)	3.16	<0.001

Comments: RDL - Reported Detection Limit

Certified By:

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Quality Assurance - Replicate

AGAT WORK ORDER: 14U888471

PROJECT:

CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: DON HEEREAMA, WAYNE REID

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	5804128	0.003	< 0.001		5804144	0.012	0.012	0.0%	5804159	0.003	0.003	0.0%	5804176	0.003	0.002	
	REPLICATE #5				REPLICATE #6				REPLICATE #7							
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Au	5804193	0.144	0.156	8.0%	5804209	0.029	0.027	7.1%	5804226	0.143	0.136	5.0%				

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Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 14U888471

PROJECT:

CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: DON HEEREAMA, WAYNE REID

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

	CRM #1 (ref.GSP7J)				CRM #2 (ref.GS6D)				CRM #3 (ref.1P5K)				CRM #4 (ref.GSP7J)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	0.722	0.724	100%	90% - 110%	6.09	6.43	106%	90% - 110%	1.44	1.5	104%	90% - 110%	0.722	0.758	105%	90% - 110%
	CRM #5 (ref.1P5K)				CRM #6 (ref.GS6D)				CRM #7 (ref.GSP7J)							
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Au	1.44	1.45	101%	90% - 110%	6.09	6.15	101%	90% - 110%	0.722	0.79	109%	90% - 110%				

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Method Summary

CLIENT NAME: GTA RESOURCES & MINING INC

AGAT WORK ORDER: 14U888471

PROJECT:

ATTENTION TO: DON HEEREAMA, WAYNE REID

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES

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CLIENT NAME: GTA RESOURCES & MINING INC
1314 BRYNE POINT ROAD
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(613) 542-8822

ATTENTION TO: ROBERT DUESS

PROJECT:

AGAT WORK ORDER: 14U892538

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Lab Co-ordinator

DATE REPORTED: Oct 27, 2014

PAGES (INCLUDING COVER): 11

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*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

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Certificate of Analysis

AGAT WORK ORDER: 14U892538

PROJECT:

CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: ROBERT DUESS

(201-073) Aqua Regia Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 24, 2014 | DATE RECEIVED: Sep 23, 2014 | DATE REPORTED: Oct 27, 2014 | SAMPLE TYPE: Rock

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
E5568178 (5841207)	3.7	0.10	6320	94	<1	<0.5	<1	0.09	<0.5	2	107	18.5	974	38.2
E5568179 (5841208)	0.9	0.32	5	131	<1	<0.5	<1	0.09	0.8	3	57.4	21.4	877	35.4
E5568180 (5841209)	13.4	0.09	>10000	24	<1	<0.5	3	0.11	<0.5	2	192	27.3	8520	24.9
E5568181 (5841210)	<0.2	1.77	21	<5	8	<0.5	<1	0.70	<0.5	3	53.9	124	146	4.43
E5568182 (5841211)	<0.2	1.87	45	10	3	<0.5	<1	0.53	<0.5	7	63.3	74.6	193	17.2
E5568183 (5841212)	0.2	2.00	11	7	53	<0.5	<1	2.09	<0.5	2	45.5	151	133	9.18
E5568184 (5841213)	<0.2	1.07	6	<5	21	0.5	<1	0.70	<0.5	2	37.4	113	130	6.45
E5565558 (5841225)	2.2	0.24	6680	<5	14	<0.5	<1	0.16	<0.5	5	178	25.9	1980	18.3
E5565559 (5841226)	<0.2	0.28	12	13	14	<0.5	<1	0.09	<0.5	<1	94.4	390	36.1	3.16
E5565060 (5841227)	<0.2	1.89	6	<5	23	<0.5	<1	0.88	<0.5	2	55.8	139	106	7.34
E5565061 (5841228)	<0.2	3.33	3	<5	30	<0.5	<1	1.98	<0.5	3	22.9	107	70.2	7.40
E5565062 (5841229)	<0.2	1.59	19	<5	45	<0.5	<1	0.15	<0.5	2	34.7	286	83.2	3.88

Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
E5568178 (5841207)	32	4	<1	0.02	6	<1	0.03	275	8.3	<0.01	215	73	46.5	<10
E5568179 (5841208)	34	8	<1	<0.01	6	1	0.11	243	5.0	<0.01	200	137	42.1	<10
E5568180 (5841209)	20	6	<1	0.02	4	<1	0.03	332	9.8	<0.01	150	54	28.1	<10
E5568181 (5841210)	7	<1	<1	0.03	1	11	1.59	681	1.7	0.14	76.7	294	4.1	<10
E5568182 (5841211)	18	<1	<1	0.03	5	15	1.95	1280	3.1	0.05	105	327	26.3	<10
E5568183 (5841212)	12	<1	<1	0.10	2	9	1.04	1780	2.8	0.15	64.9	200	12.6	14
E5568184 (5841213)	8	2	<1	0.03	1	5	0.71	476	2.1	0.08	42.7	218	4.2	<10
E5565558 (5841225)	12	4	<1	0.02	4	1	0.13	408	8.6	0.01	97.5	194	20.1	<10
E5565559 (5841226)	<5	<1	<1	<0.01	3	<1	12.4	855	<0.5	<0.01	2550	45	7.8	<10
E5565060 (5841227)	9	3	<1	0.09	2	11	0.97	705	2.9	0.23	149	239	2.8	10
E5565061 (5841228)	10	<1	<1	0.10	3	9	0.67	705	1.6	0.40	89.8	339	<0.5	11
E5565062 (5841229)	7	3	<1	0.60	1	22	2.23	732	1.5	0.04	75.3	119	1.5	67

Certified By:

AGAT Laboratories

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Certificate of Analysis

AGAT WORK ORDER: 14U892538

PROJECT:

CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: ROBERT DUESS

(201-073) Aqua Regia Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Sep 24, 2014 | DATE RECEIVED: Sep 23, 2014 | DATE REPORTED: Oct 27, 2014 | SAMPLE TYPE: Rock

Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
E5568178 (5841207)	>10	16	<0.5	<10	<5	10.8	<10	21	20	<0.01	10	<5	16.8	<1
E5568179 (5841208)	>10	2	<0.5	<10	<5	13.7	15	15	22	<0.01	7	<5	22.1	<1
E5568180 (5841209)	>10	59	<0.5	<10	<5	6.2	<10	10	15	<0.01	<5	<5	11.7	<1
E5568181 (5841210)	3.50	<1	4.7	<10	6	12.5	<10	<10	<5	0.15	<5	<5	79.7	<1
E5568182 (5841211)	>10	4	5.5	<10	<5	12.3	<10	<10	9	0.06	6	<5	66.8	<1
E5568183 (5841212)	3.39	<1	7.1	<10	5	19.2	<10	<10	6	0.15	<5	<5	106	<1
E5568184 (5841213)	2.74	<1	4.4	<10	9	10.3	<10	<10	6	0.18	<5	<5	80.7	<1
E5565558 (5841225)	9.77	1	1.0	<10	<5	6.5	<10	<10	8	<0.01	<5	<5	18.3	<1
E5565559 (5841226)	0.199	<1	3.1	<10	<5	3.5	<10	<10	<5	<0.01	<5	<5	27.4	<1
E5565060 (5841227)	4.28	<1	3.8	<10	7	17.2	<10	<10	5	0.12	<5	<5	89.2	<1
E5565061 (5841228)	4.35	<1	3.0	<10	<5	30.8	<10	<10	<5	0.10	<5	<5	60.0	<1
E5565062 (5841229)	2.59	2	15.5	<10	7	3.3	<10	<10	<5	0.14	<5	<5	187	<1

Analyte:	Y	Zn	Zr	As-OL
Unit:	ppm	ppm	ppm	%
Sample ID (AGAT ID) RDL:	1	0.5	5	0.01
E5568178 (5841207)	2	14.2	<5	
E5568179 (5841208)	2	20.0	<5	
E5568180 (5841209)	2	30.5	<5	1.60
E5568181 (5841210)	5	166	<5	
E5568182 (5841211)	4	728	<5	
E5568183 (5841212)	3	71.7	<5	
E5568184 (5841213)	2	32.9	<5	
E5565558 (5841225)	2	27.7	<5	
E5565559 (5841226)	1	42.4	<5	
E5565060 (5841227)	4	151	<5	
E5565061 (5841228)	5	198	<5	
E5565062 (5841229)	2	59.2	<5	

Comments: RDL - Reported Detection Limit

Certified By:

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AGAT WORK ORDER: 14U892538

PROJECT:

CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: ROBERT DUESS

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Sep 24, 2014 | DATE RECEIVED: Sep 23, 2014 | DATE REPORTED: Oct 27, 2014 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au	Au-Grav
Unit:	kg	ppm	g/t
Sample ID (AGAT ID) RDL:	0.01	0.001	0.05
E5568161 (5841190)	0.58	0.029	
E5568162 (5841191)	0.50	0.027	
E5568163 (5841192)	0.66	0.027	
E5568164 (5841193)	0.82	0.009	
E5568165 (5841194)	1.00	0.022	
E5568166 (5841195)	1.20	0.050	
E5568167 (5841196)	0.78	0.015	
E5568168 (5841197)	0.68	0.024	
E5568169 (5841198)	0.88	0.012	
E5568170 (5841199)	1.00	4.81	4.33
E5568171 (5841200)	0.56	0.200	
E5568172 (5841201)	0.96	1.41	
E5568173 (5841202)	0.80	0.009	
E5568174 (5841203)	0.68	0.022	
E5568175 (5841204)	0.64	0.008	
E5568176 (5841205)	1.32	0.273	
E5568177 (5841206)	0.96	0.264	
E5568178 (5841207)	0.96	0.075	
E5568179 (5841208)	1.58	0.053	
E5568180 (5841209)	0.62	0.439	
E5568181 (5841210)	0.70	0.006	
E5568182 (5841211)	0.88	0.015	
E5568183 (5841212)	0.96	0.014	
E5568184 (5841213)	0.98	0.011	
E5568185 (5841214)	0.82	0.008	
E5565548 (5841215)	1.42	0.023	
E5565549 (5841216)	0.82	0.007	
E5565550 (5841217)	1.38	0.013	
E5565551 (5841218)	0.84	0.013	
E5565552 (5841219)	1.08	0.004	
E5565553 (5841220)	1.32	0.006	

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Certificate of Analysis

AGAT WORK ORDER: 14U892538

PROJECT:

CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: ROBERT DUESS

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Sep 24, 2014 | DATE RECEIVED: Sep 23, 2014 | DATE REPORTED: Oct 27, 2014 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au	Au-Grav
Unit:	kg	ppm	g/t
Sample ID (AGAT ID) RDL:	0.01	0.001	0.05
E5565554 (5841221)	1.02	0.006	
E5565555 (5841222)	1.18	0.040	
E5565556 (5841223)	0.84	0.018	
E5565557 (5841224)	0.74	0.021	
E5565558 (5841225)	1.38	0.131	
E5565559 (5841226)	0.86	0.005	
E5565060 (5841227)	0.72	0.006	
E5565061 (5841228)	0.56	0.006	
E5565062 (5841229)	0.64	0.008	
E5565063 (5841230)	2.28	0.258	
E5565064 (5841231)	1.02	0.057	
E5565065 (5841232)	0.64	0.003	
E5565066 (5841233)	1.20	0.032	
E5565067 (5841234)	0.70	0.090	
E5565068 (5841235)	1.94	0.014	
E5565069 (5841236)	0.86	0.003	
E5568371 (5841237)	1.52	0.089	
E5568372 (5841238)	1.72	0.089	
E5568373 (5841239)	3.98	0.053	
E5568374 (5841240)	1.32	0.020	
E5568375 (5841241)	1.02	0.015	
E5568376 (5841242)	1.04	0.191	
E5568377 (5841243)	1.18	1.56	
E5568378 (5841244)	0.58	0.080	
E5568379 (5841245)	0.46	0.694	
E5568380 (5841246)	0.88	0.017	
E5568381 (5841247)	1.90	0.032	
E5568382 (5841248)	1.46	0.013	
E5568383 (5841249)	1.18	0.002	
E5568384 (5841250)	1.44	0.002	
E5568385 (5841251)	1.56	0.003	

Certified By: Y. Chan.

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AGAT WORK ORDER: 14U892538

PROJECT:

CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: ROBERT DUESS

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Sep 24, 2014 | DATE RECEIVED: Sep 23, 2014 | DATE REPORTED: Oct 27, 2014 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au	Au-Grav
Unit:	kg	ppm	g/t
Sample ID (AGAT ID) RDL:	0.01	0.001	0.05
E5568386 (5841252)	1.32	0.005	
E5568387 (5841253)	1.74	0.003	
E5568388 (5841254)	1.36	0.020	
E5568389 (5841255)	1.38	0.018	
E5568390 (5841256)	1.16	0.002	
E5568391 (5841257)	1.86	0.008	
E5568392 (5841258)	1.88	0.003	
E5568393 (5841259)	1.68	0.002	
E5568394 (5841260)	1.70	0.029	
E5568395 (5841261)	1.68	0.068	
E5568396 (5841262)	1.64	0.048	
E5568397 (5841263)	1.74	0.008	
E5568398 (5841264)	1.64	0.016	
E5568399 (5841265)	1.26	0.004	
E5568400 (5841266)	1.54	0.012	
E5568401 (5841267)	1.66	0.013	
E5568402 (5841268)	2.32	0.008	

Comments: RDL - Reported Detection Limit

Certified By:

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Quality Assurance - Replicate

AGAT WORK ORDER: 14U892538

PROJECT:

CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: ROBERT DUESS

(201-073) Aqua Regia Digest - Metals Package, ICP-OES finish

	REPLICATE #1															
Parameter	Sample ID	Original	Replicate	RPD												
Ag		< 0.2	< 0.2	0.0%												
Al		1.37	1.31	4.5%												
As		11	9	20.0%												
B		< 5	< 5	0.0%												
Ba		58	58	0.0%												
Be		< 0.5	< 0.5	0.0%												
Bi		< 1	< 1	0.0%												
Ca		2.37	2.41	1.7%												
Cd		< 0.5	< 0.5	0.0%												
Ce		33	30	9.5%												
Co		15.3	13.7	11.0%												
Cr		60.5	65.7	8.2%												
Cu		3.39	3.96	15.5%												
Fe		2.76	2.58	6.7%												
Ga		8	8	0.0%												
Hg		< 1	< 1	0.0%												
In		< 1	< 1	0.0%												
K		0.16	0.16	0.0%												
La		16	16	0.0%												
Li		11	11	0.0%												
Mg		1.37	1.31	4.5%												
Mn		472	450	4.8%												
Mo		2.2	2.4	8.7%												
Na		0.04	0.04	0.0%												
Ni		42.1	39.4	6.6%												
P		770	790	2.6%												
Pb		2.66	2.13	22.1%												
Rb		< 10	< 10	0.0%												
S		1.36	1.24	9.2%												
Sb		4	2													
Sc		4.30	4.36	1.4%												

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CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: ROBERT DUESS

Se		< 10	< 10	0.0%												
Sn		< 5	< 5	0.0%												
Sr		89.0	87.4	1.8%												
Ta		< 10	< 10	0.0%												
Te		< 10	< 10	0.0%												
Th		5	6	18.2%												
Ti		< 0.01	< 0.01	0.0%												
Tl		< 5	< 5	0.0%												
U		< 5	< 5	0.0%												
V		19.1	18.3	4.3%												
W		< 1	< 1	0.0%												
Y		5	5	0.0%												
Zn		52.4	50.5	3.7%												
Zr		19	19	0.0%												

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

	REPLICATE #1				REPLICATE #2				REPLICATE #3							
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Au	5841190	0.0294	0.0297	1.0%	5841214	0.0075	0.0067	11.3%	5841237	0.089	0.148					

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Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 14U892538

PROJECT:

CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: ROBERT DUESS

(201-073) Aqua Regia Digest - Metals Package, ICP-OES finish

	CRM #1 (ref.CFRM-100)				CRM #2 (ref.CFRM-100)				CRM #3 (ref.CFRM-100)				CRM #4			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Co	184	175	95%	90% - 110%	184	177	96%	90% - 110%	184	175	95%	90% - 110%				
Cu	3494	3483	100%	90% - 110%	3494	3444	99%	90% - 110%	3494	3448	99%	90% - 110%				
Ni	2985	2817	94%	90% - 110%	2985	2798	94%	90% - 110%	2985	2775	93%	90% - 110%				

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

	CRM #1 (ref.GSP7J)				CRM #2 (ref.GS6D)				CRM #3 (ref.1P5K)				CRM #4			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	0.722	0.71	98%	90% - 110%	6.09	5.95	98%	90% - 110%	1.44	1.5	104%	90% - 110%				
Au-Grav													14.8	15.0	101%	95% - 105%

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Method Summary

CLIENT NAME: GTA RESOURCES & MINING INC

AGAT WORK ORDER: 14U892538

PROJECT:

ATTENTION TO: ROBERT DUESS

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Ag	MIN-200-12020		ICP/OES
Al	MIN-200-12020		ICP/OES
As	MIN-200-12020		ICP/OES
B	MIN-200-12020		ICP/OES
Ba	MIN-200-12020		ICP/OES
Be	MIN-200-12020		ICP/OES
Bi	MIN-200-12020		ICP/OES
Ca	MIN-200-12020		ICP/OES
Cd	MIN-200-12020		ICP/OES
Ce	MIN-200-12020		ICP/OES
Co	MIN-200-12020		ICP/OES
Cr	MIN-200-12020		ICP/OES
Cu	MIN-200-12020		ICP/OES
Fe	MIN-200-12020		ICP/OES
Ga	MIN-200-12020		ICP/OES
Hg	MIN-200-12020		ICP/OES
In	MIN-200-12020		ICP/OES
K	MIN-200-12020		ICP/OES
La	MIN-200-12020		ICP/OES
Li	MIN-200-12020		ICP/OES
Mg	MIN-200-12020		ICP/OES
Mn	MIN-200-12020		ICP/OES
Mo	MIN-200-12020		ICP/OES
Na	MIN-200-12020		ICP/OES
Ni	MIN-200-12020		ICP/OES
P	MIN-200-12020		ICP/OES
Pb	MIN-200-12020		ICP/OES
Rb	MIN-200-12020		ICP/OES
S	MIN-200-12020		ICP/OES
Sb	MIN-200-12020		ICP/OES
Sc	MIN-200-12020		ICP/OES
Se	MIN-200-12020		ICP/OES
Sn	MIN-200-12020		ICP/OES
Sr	MIN-200-12020		ICP/OES
Ta	MIN-200-12020		ICP/OES
Te	MIN-200-12020		ICP/OES
Th	MIN-200-12020		ICP/OES
Ti	MIN-200-12020		ICP/OES
Tl	MIN-200-12020		ICP/OES
U	MIN-200-12020		ICP/OES
V	MIN-200-12020		ICP/OES
W	MIN-200-12020		ICP/OES
Y	MIN-200-12020		ICP/OES
Zn	MIN-200-12020		ICP/OES
Zr	MIN-200-12020		ICP/OES
As-OL	MIN-200-12002/12020		ICP/OES
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES

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Method Summary

CLIENT NAME: GTA RESOURCES & MINING INC

AGAT WORK ORDER: 14U892538

PROJECT:

ATTENTION TO: ROBERT DUESS

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Au-Grav	MIN-200-12006		GRAVIMETRIC

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CLIENT NAME: GTA RESOURCES & MINING INC
1314 BRYNE POINT ROAD
HOWE ISLAND, ON K7G2V6
(613) 542-8822

ATTENTION TO: ROBERT DUESS

PROJECT:

AGAT WORK ORDER: 14U896018

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Lab Co-ordinator

DATE REPORTED: Nov 03, 2014

PAGES (INCLUDING COVER): 5

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

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Certificate of Analysis

AGAT WORK ORDER: 14U896018

PROJECT:

CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: ROBERT DUESS

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Oct 01, 2014 | DATE RECEIVED: Sep 30, 2014 | DATE REPORTED: Nov 03, 2014 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample ID (AGAT ID) RDL:	0.01	0.001
E5568210 (5874896)	0.98	0.005
E5568211 (5874897)	0.72	0.003
E5568212 (5874898)	0.98	0.002
E5568213 (5874899)	1.76	0.015
E5568214 (5874900)	1.50	0.317
E5568215 (5874901)	1.70	0.010
E5568216 (5874902)	0.76	0.006
E5568217 (5874903)	1.08	0.002
E5568964 (5874905)	0.76	0.001
E5568969 (5874906)	0.80	0.004
E5568965 (5875921)	NRC	NRC

Comments: RDL - Reported Detection Limit

Certified By:

AGAT Laboratories

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Quality Assurance - Replicate

AGAT WORK ORDER: 14U896018

PROJECT:

CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: ROBERT DUESS

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

	REPLICATE #1															
Parameter	Sample ID	Original	Replicate	RPD												
Au	5874896	0.005	0.006	18.2%												

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Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 14U896018

PROJECT:

CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: ROBERT DUESS

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

	CRM #1 (ref.1P5K)															
Parameter	Expect	Actual	Recovery	Limits												
Au	1.44	1.37	95%	90% - 110%												

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Method Summary

CLIENT NAME: GTA RESOURCES & MINING INC

AGAT WORK ORDER: 14U896018

PROJECT:

ATTENTION TO: ROBERT DUESS

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES

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CLIENT NAME: GTA RESOURCES & MINING INC
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HOWE ISLAND, ON K7G2V6
(613) 542-8822

ATTENTION TO: ROBERT DUESS

PROJECT:

AGAT WORK ORDER: 14U896039

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Lab Co-ordinator

DATE REPORTED: Oct 23, 2014

PAGES (INCLUDING COVER): 5

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

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Certificate of Analysis

AGAT WORK ORDER: 14U896039

PROJECT:

CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: ROBERT DUESS

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Oct 01, 2014 | DATE RECEIVED: Sep 30, 2014 | DATE REPORTED: Oct 23, 2014 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample ID (AGAT ID) RDL:	0.01	0.001
E5568218 (5875088)	1.26	0.004
E5568219 (5875089)	0.86	0.007
E5568220 (5875090)	0.90	0.005
E5568221 (5875091)	0.60	0.008
E5568222 (5875092)	1.78	0.005
E5568223 (5875093)	1.20	0.010
E5568960 (5875094)	1.02	0.005
E5568961 (5875095)	1.12	0.002
E5568962 (5875097)	0.76	0.001
E5568963 (5875098)	1.88	0.001
E5568964 (5875099)	NRC	NRC
E5568966 (5875100)	1.26	0.018
E5568967 (5875101)	0.90	0.019
E5568968 (5875102)	0.84	0.011
E5568970 (5875103)	0.66	0.003
E5568196 (5875104)	2.64	0.008
E5568197 (5875105)	3.22	0.005
E5568198 (5875106)	3.60	0.009
E5568199 (5875107)	3.50	0.043
E5568200 (5875108)	2.92	0.007
E5568201 (5875109)	0.14	9.86
E5568202 (5875110)	4.36	0.008
E5568203 (5875111)	1.22	0.002
E5568204 (5875112)	3.88	0.007
E5568205 (5875113)	1.54	0.009
E5568206 (5875114)	5.84	0.009

Comments: RDL - Reported Detection Limit

Certified By: Y. Chan.

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Quality Assurance - Replicate

AGAT WORK ORDER: 14U896039

PROJECT:

CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: ROBERT DUESS

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

	REPLICATE #1															
Parameter	Sample ID	Original	Replicate	RPD												
Au	5875104	0.008	0.008	0.0%												

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Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 14U896039

PROJECT:

CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: ROBERT DUESS

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

	CRM #1 (ref.GS6D)				CRM #2 (ref.1P5K)											
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Au	6.09	6.07	100%	90% - 110%	1.44	1.46	102%	90% - 110%								

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Method Summary

CLIENT NAME: GTA RESOURCES & MINING INC

AGAT WORK ORDER: 14U896039

PROJECT:

ATTENTION TO: ROBERT DUESS

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES

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CLIENT NAME: GTA RESOURCES & MINING INC
1314 BRYNE POINT ROAD
HOWE ISLAND, ON K7G2V6
(613) 542-8822

ATTENTION TO: ROBERT DUESS

PROJECT:

AGAT WORK ORDER: 14U908503

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Lab Co-ordinator

DATE REPORTED: Nov 21, 2014

PAGES (INCLUDING COVER): 6

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

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Certificate of Analysis

AGAT WORK ORDER: 14U908503

PROJECT:

CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: ROBERT DUESS

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Oct 29, 2014 | DATE RECEIVED: Oct 29, 2014 | DATE REPORTED: Nov 21, 2014 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au	Au-Grav
Unit:	kg	ppm	g/t
Sample ID (AGAT ID) RDL:	0.01	0.001	0.05
E5565070 (6006097)	1.56	0.091	
E5565071 (6006098)	1.02	0.028	
E5565072 (6006099)	0.86	0.007	
E5565073 (6006100)	1.06	0.004	
E5565074 (6006101)	0.46	0.006	
E5565075 (6006102)	1.08	0.011	
E5565076 (6006103)	0.66	0.009	
E5565077 (6006104)	0.60	0.001	
E5565078 (6006105)	0.66	<0.001	
E5565079 (6006106)	0.74	0.005	
E5565080 (6006107)	1.20	0.002	
E5565081 (6006108)	1.04	0.002	
E5565082 (6006109)	1.16	>10	18.1
E5565083 (6006110)	1.32	0.845	
E5565084 (6006111)	1.42	0.015	
E5565085 (6006112)	0.80	0.004	
E5565086 (6006113)	0.94	0.020	
E5565087 (6006114)	1.36	<0.001	
E5565088 (6006115)	0.88	<0.001	
E5568972 (6006116)	0.42	0.008	
E5568973 (6006117)	0.86	0.019	
E5568974 (6006118)	0.80	0.211	
E5568975 (6006119)	0.66	0.027	
E5568976 (6006120)	0.70	0.042	
E5568977 (6006121)	0.54	0.010	
E5568978 (6006122)	0.90	0.017	
E5568979 (6006123)	0.66	0.012	
E5568980 (6006124)	1.10	0.007	
E5568981 (6006125)	0.88	0.002	
E5568982 (6006126)	0.90	0.001	
E5568983 (6006127)	0.96	0.001	

Certified By:

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Certificate of Analysis

AGAT WORK ORDER: 14U908503

PROJECT:

CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: ROBERT DUESS

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Oct 29, 2014 | DATE RECEIVED: Oct 29, 2014 | DATE REPORTED: Nov 21, 2014 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au	Au-Grav
Unit:	kg	ppm	g/t
Sample ID (AGAT ID) RDL:	0.01	0.001	0.05
E5568984 (6006128)	0.80	0.001	

Comments: RDL - Reported Detection Limit

Certified By:

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Quality Assurance - Replicate

AGAT WORK ORDER: 14U908503

PROJECT:

CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: ROBERT DUESS

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

	REPLICATE #1				REPLICATE #2											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	6006097	0.0905	0.0689		6006116	0.008	0.007	13.3%								

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Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 14U908503

PROJECT:

CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: ROBERT DUESS

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

	CRM #1 (ref.GSP7J)				CRM #2 (ref.GSP7J)				CRM #3 (ref.GS6D)							
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Au	0.722	0.759	105%	90% - 110%	0.722	0.684	95%	90% - 110%	6.09	5.71	93%	90% - 110%				

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Method Summary

CLIENT NAME: GTA RESOURCES & MINING INC

AGAT WORK ORDER: 14U908503

PROJECT:

ATTENTION TO: ROBERT DUESS

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Au-Grav	MIN-200-12006		GRAVIMETRIC

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(613) 542-8822

ATTENTION TO: ROBERT DUESS

PROJECT:

AGAT WORK ORDER: 14U910886

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Nov 20, 2014

PAGES (INCLUDING COVER): 8

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*NOTES

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AGAT WORK ORDER: 14U910886

PROJECT:

CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: ROBERT DUESS

(201-073) Aqua Regia Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Nov 03, 2014 | DATE RECEIVED: Oct 31, 2014 | DATE REPORTED: Nov 20, 2014 | SAMPLE TYPE: Rock

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
E5565092 (6029389)	1.2	0.22	9	<5	49	<0.5	3	2.35	5.6	16	9.8	42.8	21.3	2.68
E5565093 (6029390)	<0.2	0.44	9	<5	95	<0.5	<1	0.58	1.1	16	9.9	23.0	20.3	2.19
E5565094 (6029391)	<0.2	1.90	6	<5	63	<0.5	<1	1.98	<0.5	29	13.8	88.0	8.8	2.92
E5565095 (6029393)	0.7	0.22	17	<5	65	<0.5	2	5.30	1.5	4	12.4	31.6	10.7	5.89
E5565096 (6029394)	0.2	0.34	8	<5	55	<0.5	<1	2.09	<0.5	35	10.2	26.1	18.3	2.63
E5565097 (6029396)	0.2	0.33	5	<5	56	<0.5	<1	1.68	0.8	33	9.4	23.1	23.0	2.59
E5565098 (6029397)	<0.2	0.23	8	<5	61	<0.5	<1	0.51	<0.5	8	7.3	51.1	20.1	1.73
E5565099 (6029398)	<0.2	0.23	3	<5	46	<0.5	<1	0.19	<0.5	7	5.3	45.1	16.7	1.62
E5565100 (6029399)	0.2	0.33	7	<5	61	<0.5	<1	0.45	0.8	18	13.7	38.0	29.3	2.13
E5565101 (6029400)	0.2	0.48	28	<5	68	<0.5	2	0.87	<0.5	18	13.2	30.3	13.6	2.01
E5565102 (6029401)	1.5	0.42	11	<5	110	<0.5	2	0.78	2.0	47	10.8	36.5	47.4	2.40

Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
E5565092 (6029389)	<5	<1	2	0.07	10	<1	0.33	832	4.9	0.08	18.5	2680	135	<10
E5565093 (6029390)	<5	<1	<1	0.18	9	1	0.16	450	11.7	0.10	25.0	636	21.2	<10
E5565094 (6029391)	11	<1	<1	0.14	17	12	1.50	621	3.4	0.09	56.5	670	<0.5	<10
E5565095 (6029393)	8	<1	1	0.10	4	<1	1.04	2290	7.7	0.05	37.9	620	30.2	<10
E5565096 (6029394)	<5	<1	2	0.10	21	<1	0.49	845	8.1	0.11	20.0	636	7.5	<10
E5565097 (6029396)	<5	<1	<1	0.10	20	<1	0.37	774	5.9	0.11	22.3	656	6.4	<10
E5565098 (6029397)	<5	1	<1	0.10	5	<1	0.07	487	11.5	0.06	17.7	317	5.6	<10
E5565099 (6029398)	<5	1	2	0.07	4	<1	0.04	430	4.0	0.08	15.5	296	5.1	<10
E5565100 (6029399)	<5	<1	4	0.11	11	<1	0.04	586	128	0.11	30.2	494	9.9	<10
E5565101 (6029400)	<5	<1	3	0.13	11	2	0.16	467	7.7	0.09	37.9	531	4.9	<10
E5565102 (6029401)	5	<1	<1	0.19	29	2	0.17	653	4.1	0.08	26.6	729	216	<10

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Certificate of Analysis

AGAT WORK ORDER: 14U910886

PROJECT:

CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: ROBERT DUESS

(201-073) Aqua Regia Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Nov 03, 2014 | DATE RECEIVED: Oct 31, 2014 | DATE REPORTED: Nov 20, 2014 | SAMPLE TYPE: Rock

Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
E5565092 (6029389)	0.231	3	4.4	<10	<5	182	<10	<10	<5	<0.01	<5	<5	6.3	<1
E5565093 (6029390)	0.175	1	2.5	<10	<5	38.5	<10	<10	<5	<0.01	<5	<5	7.7	<1
E5565094 (6029391)	0.037	3	3.0	<10	<5	80.4	<10	<10	<5	<0.01	<5	<5	25.0	<1
E5565095 (6029393)	0.439	4	5.1	15	<5	351	<10	<10	<5	<0.01	6	<5	10.6	<1
E5565096 (6029394)	0.117	3	3.1	<10	<5	117	<10	<10	<5	<0.01	<5	<5	8.5	<1
E5565097 (6029396)	0.163	1	3.2	<10	<5	92.7	<10	<10	<5	<0.01	<5	<5	7.5	<1
E5565098 (6029397)	0.102	<1	1.5	<10	<5	26.6	<10	<10	<5	<0.01	5	<5	4.5	<1
E5565099 (6029398)	0.045	<1	1.4	<10	<5	18.1	<10	<10	<5	<0.01	<5	<5	3.1	<1
E5565100 (6029399)	0.240	<1	2.7	<10	<5	23.9	<10	<10	<5	<0.01	<5	<5	5.1	<1
E5565101 (6029400)	0.234	<1	3.1	<10	<5	24.3	<10	<10	<5	<0.01	6	<5	8.6	<1
E5565102 (6029401)	0.256	<1	4.8	<10	<5	71.2	<10	<10	<5	<0.01	<5	<5	7.9	<1

Analyte:	Y	Zn	Zr
Unit:	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.5	5
E5565092 (6029389)	8	638	19
E5565093 (6029390)	4	126	11
E5565094 (6029391)	5	105	8
E5565095 (6029393)	4	170	9
E5565096 (6029394)	6	56.4	8
E5565097 (6029396)	6	56.6	9
E5565098 (6029397)	2	31.2	5
E5565099 (6029398)	2	73.9	<5
E5565100 (6029399)	3	69.6	9
E5565101 (6029400)	4	28.0	14
E5565102 (6029401)	8	223	23

Comments: RDL - Reported Detection Limit

Certified By:

AGAT Laboratories

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Certificate of Analysis

AGAT WORK ORDER: 14U910886

PROJECT:

CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: ROBERT DUESS

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Nov 03, 2014 | DATE RECEIVED: Oct 31, 2014 | DATE REPORTED: Nov 20, 2014 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au	Au-Grav
Unit:	kg	ppm	g/t
Sample ID (AGAT ID) RDL:	0.01	0.001	0.05
E5565089 (6029386)	1.00	0.052	
E5565090 (6029387)	1.02	0.020	
E5565091 (6029388)	1.16	0.028	
E5565092 (6029389)	0.80	1.71	
E5565093 (6029390)	1.24	0.017	
E5565094 (6029391)	0.98	0.002	
E5565095 (6029393)	1.34	0.338	
E5565096 (6029394)	0.88	0.005	
E5565097 (6029396)	1.18	0.004	
E5565098 (6029397)	0.94	0.023	
E5565099 (6029398)	0.94	0.003	
E5565100 (6029399)	0.70	0.031	
E5565101 (6029400)	0.54	0.079	
E5565102 (6029401)	0.72	3.42	3.64
E5565103 (6029403)	0.64	0.307	
E5565104 (6029404)	1.08	0.091	
E5565105 (6029405)	0.84	0.022	
E5565106 (6029407)	0.68	0.003	
E5565107 (6029408)	1.50	0.011	
E5565108 (6029409)	0.54	0.009	
E5565109 (6029410)	0.86	0.007	
E5568985 (6029412)	0.74	0.004	
E5568986 (6029413)	0.80	0.131	
E5568987 (6029414)	0.62	0.023	
E5568988 (6029415)	0.50	0.008	
E5568989 (6029416)	0.06	0.004	
E5568990 (6029418)	0.06	5.16	5.46

Comments: RDL - Reported Detection Limit

Certified By:

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Quality Assurance - Replicate

AGAT WORK ORDER: 14U910886

PROJECT:

CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: ROBERT DUESS

(201-073) Aqua Regia Digest - Metals Package, ICP-OES finish

	REPLICATE #1															
Parameter	Sample ID	Original	Replicate	RPD												
Ag	6029401	1.49	1.42	4.8%												
Al	6029401	0.42	0.42	0.0%												
As	6029401	11	9	20.0%												
B	6029401	< 5	< 5	0.0%												
Ba	6029401	110	110	0.0%												
Be	6029401	< 0.5	< 0.5	0.0%												
Bi	6029401	2	< 1													
Ca	6029401	0.777	0.764	1.7%												
Cd	6029401	2.0	1.9	5.1%												
Ce	6029401	47	45	4.3%												
Co	6029401	10.8	10.9	0.9%												
Cr	6029401	36.5	35.3	3.3%												
Cu	6029401	47.4	46.8	1.3%												
Fe	6029401	2.40	2.36	1.7%												
Ga	6029401	5	< 5													
Hg	6029401	< 1	< 1	0.0%												
In	6029401	< 1	2													
K	6029401	0.19	0.19	0.0%												
La	6029401	29	28	3.5%												
Li	6029401	2	2	0.0%												
Mg	6029401	0.17	0.17	0.0%												
Mn	6029401	653	641	1.9%												
Mo	6029401	4.1	4.1	0.0%												
Na	6029401	0.08	0.08	0.0%												
Ni	6029401	26.6	26.6	0.0%												
P	6029401	729	705	3.3%												
Pb	6029401	216	217	0.5%												
Rb	6029401	< 10	< 10	0.0%												
S	6029401	0.256	0.255	0.4%												
Sb	6029401	< 1	1													
Sc	6029401	4.79	4.73	1.3%												

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AGAT WORK ORDER: 14U910886

PROJECT:

CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: ROBERT DUESS

Se	6029401	< 10	< 10	0.0%												
Sn	6029401	< 5	< 5	0.0%												
Sr	6029401	71.2	71.2	0.0%												
Ta	6029401	< 10	< 10	0.0%												
Te	6029401	< 10	< 10	0.0%												
Th	6029401	< 5	< 5	0.0%												
Ti	6029401	< 0.01	< 0.01	0.0%												
Tl	6029401	< 5	< 5	0.0%												
U	6029401	< 5	< 5	0.0%												
V	6029401	7.87	7.78	1.2%												
W	6029401	< 1	< 1	0.0%												
Y	6029401	8	8	0.0%												
Zn	6029401	223	222	0.4%												
Zr	6029401	23	23	0.0%												
(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)																
	REPLICATE #1															
Parameter	Sample ID	Original	Replicate	RPD												
Au		0.006	0.006	0.0%												

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Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 14U910886

PROJECT:

CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: ROBERT DUESS

(201-073) Aqua Regia Digest - Metals Package, ICP-OES finish

	CRM #1 (ref.CFRM-100)				CRM #2 (ref.1P5K)				CRM #3							
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Co	184	177	96%	90% - 110%												
Cu	3494	3694	106%	90% - 110%												
Ni	2985	2819	94%	90% - 110%												

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

	CRM #1 (ref.GS6D)				CRM #2 (ref.1P5K)				CRM #3							
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Au	6.09	5.51	90%	90% - 110%	1.44	1.54	107%	90% - 110%								
Au-Grav									14.8	15.2	102%	95% - 105%				

AGAT Laboratories

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Method Summary

CLIENT NAME: GTA RESOURCES & MINING INC

AGAT WORK ORDER: 14U910886

PROJECT:

ATTENTION TO: ROBERT DUESS

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Ag	MIN-200-12020		ICP/OES
Al	MIN-200-12020		ICP/OES
As	MIN-200-12020		ICP/OES
B	MIN-200-12020		ICP/OES
Ba	MIN-200-12020		ICP/OES
Be	MIN-200-12020		ICP/OES
Bi	MIN-200-12020		ICP/OES
Ca	MIN-200-12020		ICP/OES
Cd	MIN-200-12020		ICP/OES
Ce	MIN-200-12020		ICP/OES
Co	MIN-200-12020		ICP/OES
Cr	MIN-200-12020		ICP/OES
Cu	MIN-200-12020		ICP/OES
Fe	MIN-200-12020		ICP/OES
Ga	MIN-200-12020		ICP/OES
Hg	MIN-200-12020		ICP/OES
In	MIN-200-12020		ICP/OES
K	MIN-200-12020		ICP/OES
La	MIN-200-12020		ICP/OES
Li	MIN-200-12020		ICP/OES
Mg	MIN-200-12020		ICP/OES
Mn	MIN-200-12020		ICP/OES
Mo	MIN-200-12020		ICP/OES
Na	MIN-200-12020		ICP/OES
Ni	MIN-200-12020		ICP/OES
P	MIN-200-12020		ICP/OES
Pb	MIN-200-12020		ICP/OES
Rb	MIN-200-12020		ICP/OES
S	MIN-200-12020		ICP/OES
Sb	MIN-200-12020		ICP/OES
Sc	MIN-200-12020		ICP/OES
Se	MIN-200-12020		ICP/OES
Sn	MIN-200-12020		ICP/OES
Sr	MIN-200-12020		ICP/OES
Ta	MIN-200-12020		ICP/OES
Te	MIN-200-12020		ICP/OES
Th	MIN-200-12020		ICP/OES
Ti	MIN-200-12020		ICP/OES
Tl	MIN-200-12020		ICP/OES
U	MIN-200-12020		ICP/OES
V	MIN-200-12020		ICP/OES
W	MIN-200-12020		ICP/OES
Y	MIN-200-12020		ICP/OES
Zn	MIN-200-12020		ICP/OES
Zr	MIN-200-12020		ICP/OES
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Au-Grav	MIN-200-12006		GRAVIMETRIC

AGAT Laboratories

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CLIENT NAME: GTA RESOURCES & MINING INC
1314 BRYNE POINT ROAD
HOWE ISLAND, ON K7G2V6
(613) 542-8822

ATTENTION TO: ROBERT DUESS

PROJECT:

AGAT WORK ORDER: 14U910886

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Lab Co-ordinator

DATE REPORTED: Nov 20, 2014

PAGES (INCLUDING COVER): 5

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

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Certificate of Analysis

AGAT WORK ORDER: 14U910886

PROJECT:

CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: ROBERT DUESS

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Nov 03, 2014 | DATE RECEIVED: Oct 31, 2014 | DATE REPORTED: Nov 20, 2014 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au	Au-Grav
Unit:	kg	ppm	g/t
Sample ID (AGAT ID) RDL:	0.01	0.001	0.05
E5565089 (6029386)	1.00	0.052	
E5565090 (6029387)	1.02	0.020	
E5565091 (6029388)	1.16	0.028	
E5565092 (6029389)	0.80	1.71	
E5565093 (6029390)	1.24	0.017	
E5565094 (6029391)	0.98	0.002	
E5565095 (6029393)	1.34	0.338	
E5565096 (6029394)	0.88	0.005	
E5565097 (6029396)	1.18	0.004	
E5565098 (6029397)	0.94	0.023	
E5565099 (6029398)	0.94	0.003	
E5565100 (6029399)	0.70	0.031	
E5565101 (6029400)	0.54	0.079	
E5565102 (6029401)	0.72	3.42	3.64
E5565103 (6029403)	0.64	0.307	
E5565104 (6029404)	1.08	0.091	
E5565105 (6029405)	0.84	0.022	
E5565106 (6029407)	0.68	0.003	
E5565107 (6029408)	1.50	0.011	
E5565108 (6029409)	0.54	0.009	
E5565109 (6029410)	0.86	0.007	
E5568985 (6029412)	0.74	0.004	
E5568986 (6029413)	0.80	0.131	
E5568987 (6029414)	0.62	0.023	
E5568988 (6029415)	0.50	0.008	
E5568989 (6029416)	0.06	0.004	
E5568990 (6029418)	0.06	5.16	5.46

Comments: RDL - Reported Detection Limit

Certified By: Y. Chan.

AGAT Laboratories

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Quality Assurance - Replicate

AGAT WORK ORDER: 14U910886

PROJECT:

CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: ROBERT DUESS

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

	REPLICATE #1															
Parameter	Sample ID	Original	Replicate	RPD												
Au		0.006	0.006	0.0%												

AGAT Laboratories

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Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 14U910886

PROJECT:

CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: ROBERT DUESS

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

	CRM #1 (ref.GS6D)				CRM #2 (ref.1P5K)				CRM #3							
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Au	6.09	5.51	90%	90% - 110%	1.44	1.54	107%	90% - 110%								
Au-Grav									14.8	15.2	102%	95% - 105%				

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Method Summary

CLIENT NAME: GTA RESOURCES & MINING INC

AGAT WORK ORDER: 14U910886

PROJECT:

ATTENTION TO: ROBERT DUESS

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Au-Grav	MIN-200-12006		GRAVIMETRIC

AGAT Laboratories

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http://www.agatlabs.com

CLIENT NAME: GTA RESOURCES & MINING INC
1314 BRYNE POINT ROAD
HOWE ISLAND, ON K7G2V6
(613) 542-8822

ATTENTION TO: ROBERT DUESS

PROJECT:

AGAT WORK ORDER: 14U911942

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Lab Co-ordinator

DATE REPORTED: Nov 19, 2014

PAGES (INCLUDING COVER): 5

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

AGAT Laboratories
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Certificate of Analysis

AGAT WORK ORDER: 14U911942

PROJECT:

CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: ROBERT DUESS

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Nov 05, 2014 | DATE RECEIVED: Nov 05, 2014 | DATE REPORTED: Nov 19, 2014 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample ID (AGAT ID) RDL:	0.01	0.001
E5568991 (6039702)	1.20	0.002
E5568992 (6039703)	0.70	0.002
E5568993 (6039704)	1.46	<0.001
E5568994 (6039705)	0.64	0.001
E5568228 (6039706)	1.08	0.003
E5568229 (6039707)	0.90	0.003
E5568230 (6039708)	1.06	0.002

Comments: RDL - Reported Detection Limit

Certified By:

AGAT Laboratories

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Quality Assurance - Replicate

AGAT WORK ORDER: 14U911942

PROJECT:

CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: ROBERT DUESS

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

	REPLICATE #1															
Parameter	Sample ID	Original	Replicate	RPD												
Au	6039702	0.002	0.002	0.0%												

AGAT Laboratories

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Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 14U911942

PROJECT:

CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: ROBERT DUESS

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

	CRM #1 (ref.1P5K)															
Parameter	Expect	Actual	Recovery	Limits												
Au	1.44	1.54	107%	90% - 110%												

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Method Summary

CLIENT NAME: GTA RESOURCES & MINING INC

AGAT WORK ORDER: 14U911942

PROJECT:

ATTENTION TO: ROBERT DUESS

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES

Quality Analysis ... *Innovative Technologies*

Date Submitted: 05-Nov-14
Invoice No.: A14-08476
Invoice Date: 25-Nov-14
Your Reference:

GTA Resources and Mining Inc.
855 Brant Street
Burlington Ontario L7R 2J6
Canada

ATTN: Robert Duess

CERTIFICATE OF ANALYSIS

37 Soil samples were submitted for analysis.

The following analytical package was requested: Code 1EPI INAA(INAAGEO)/Aqua Regia ICP(AQUAGEO)

REPORT **A14-08476**

Notes:
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

SCC Accredited LAB
LAB Accrédité CCN

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Results

Analyte Symbol	Fe	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	S	As	Ba	Hg	Sb	W	Mass
Unit Symbol	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	g
Lower Limit	0.02	5	0.2	0.5	1	2	2	1	2	1	0.001	2	50	1	0.2	4	
Method Code	INAA	INAA	MULT INAA / AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	INAA	INAA	INAA	INAA	INAA	INAA
E5565160	2.20	29	< 0.2	< 0.5	9	186	< 2	19	6	133	0.010	< 2	420	< 1	0.4	< 4	29.7
E5565161	1.84	< 5	< 0.2	< 0.5	4	76	< 2	3	6	19	0.009	3	590	< 1	< 0.2	< 4	22.7
E5565162	2.82	< 5	< 0.2	< 0.5	4	149	< 2	6	6	23	0.017	4	390	< 1	< 0.2	< 4	25.7
E5565163	2.43	< 5	< 0.2	< 0.5	8	175	< 2	14	4	29	0.012	7	440	< 1	< 0.2	< 4	27.0
E5565164	2.04	< 5	< 0.2	< 0.5	4	92	< 2	9	3	18	0.010	6	160	< 1	< 0.2	< 4	27.4
E5565165	2.43	< 5	< 0.2	< 0.5	3	94	< 2	11	5	16	0.013	6	530	1	< 0.2	< 4	28.3
E5565166	1.95	< 5	< 0.2	< 0.5	4	196	< 2	6	5	17	0.010	< 2	360	< 1	< 0.2	< 4	26.9
E5565167	1.87	< 5	< 0.2	< 0.5	3	116	< 2	9	3	15	0.009	< 2	500	< 1	< 0.2	< 4	26.4
E5565168	2.43	< 5	< 0.2	< 0.5	6	168	< 2	15	3	21	0.013	7	470	< 1	< 0.2	< 4	27.0
E5565169	2.40	< 5	< 0.2	< 0.5	5	299	< 2	12	4	22	0.010	4	350	< 1	0.5	< 4	28.5
E5565170	2.10	< 5	< 0.2	< 0.5	3	295	< 2	7	4	24	0.008	< 2	550	< 1	< 0.2	< 4	27.1
E5565171	1.60	< 5	< 0.2	< 0.5	3	92	< 2	6	5	19	0.006	< 2	420	< 1	0.6	< 4	26.2
E5565172	1.50	< 5	< 0.2	< 0.5	2	157	< 2	7	4	14	0.007	< 2	370	< 1	< 0.2	< 4	27.0
E5565173	1.89	< 5	< 0.2	< 0.5	5	198	< 2	12	4	17	0.009	< 2	430	< 1	0.2	< 4	25.4
E5565174	0.81	< 5	< 0.2	< 0.5	2	61	< 2	1	3	8	0.005	3	440	< 1	0.3	< 4	26.3
E5565175	1.58	< 5	< 0.2	< 0.5	11	102	< 2	12	3	16	0.009	< 2	390	< 1	< 0.2	< 4	29.1
E5565176	1.88	< 5	< 0.2	< 0.5	4	216	< 2	8	3	18	0.007	< 2	600	< 1	< 0.2	< 4	25.8
E5565177	0.91	< 5	< 0.2	< 0.5	2	63	< 2	3	2	14	0.008	2	330	< 1	0.8	< 4	22.1
E5565178	1.12	< 5	< 0.2	< 0.5	2	119	< 2	3	42	17	0.007	< 2	410	< 1	< 0.2	< 4	24.5
E5565179	1.32	< 5	< 0.2	< 0.5	2	77	< 2	1	7	23	0.010	4	600	< 1	< 0.2	< 4	24.6
E5565180	2.11	14	< 0.2	< 0.5	4	219	< 2	9	5	46	0.009	3	540	< 1	< 0.2	< 4	24.2
E5565181	2.25	< 5	0.4	< 0.5	19	365	< 2	18	3	31	0.007	14	290	< 1	< 0.2	< 4	24.2
E5565182	1.76	< 5	< 0.2	< 0.5	5	115	< 2	7	4	16	0.008	4	420	< 1	< 0.2	< 4	28.2
E5565183	2.20	< 5	< 0.2	< 0.5	8	320	< 2	12	3	23	0.017	< 2	440	< 1	< 0.2	< 4	25.9
E5565184	1.58	< 5	< 0.2	< 0.5	3	152	< 2	7	3	15	0.011	2	360	< 1	0.3	< 4	27.3
E5565185	2.03	< 5	< 0.2	< 0.5	3	108	< 2	8	4	19	0.011	4	340	< 1	0.6	< 4	26.7
E5565186	1.68	< 5	< 0.2	< 0.5	4	133	< 2	7	3	12	0.008	< 2	260	< 1	< 0.2	< 4	29.5
E5565187	1.65	< 5	< 0.2	< 0.5	3	80	< 2	3	4	10	0.007	< 2	410	< 1	< 0.2	< 4	27.7
E5565188	1.94	< 5	< 0.2	< 0.5	8	132	< 2	14	3	21	0.009	4	380	< 1	< 0.2	< 4	28.5
E5565189	1.11	< 5	< 0.2	< 0.5	2	69	< 2	3	4	11	0.007	4	450	< 1	0.3	< 4	28.0
E5565190	1.90	< 5	< 0.2	< 0.5	4	165	< 2	10	3	17	0.008	< 2	410	< 1	< 0.2	< 4	31.2
E5565191	1.87	< 5	< 0.2	< 0.5	6	134	< 2	9	3	14	0.007	4	420	< 1	< 0.2	< 4	29.5
E5565192	1.65	< 5	< 0.2	< 0.5	5	116	< 2	10	3	16	0.010	3	350	< 1	< 0.2	< 4	29.9
E5565193	1.64	< 5	< 0.2	< 0.5	7	104	< 2	10	4	12	0.007	< 2	480	< 1	< 0.2	< 4	30.7
E5565194	2.24	< 5	< 0.2	< 0.5	7	259	< 2	15	3	16	0.005	< 2	460	< 1	< 0.2	< 4	27.4
E5565195	1.78	< 5	< 0.2	< 0.5	3	68	< 2	3	4	12	0.009	4	480	< 1	< 0.2	< 4	25.7
E5565196	2.13	< 5	< 0.2	< 0.5	6	163	< 2	19	4	18	0.009	6	210	< 1	< 0.2	< 4	27.5

QC

Analyte Symbol	Fe	Au	Ag	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	S	As	Ba	Hg	Sb	W	Mass
Unit Symbol	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	g
Lower Limit	0.02	5	5	0.2	0.5	1	2	2	1	2	1	0.001	2	50	1	0.2	4	
Method Code	INAA	INAA	INAA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	INAA	INAA	INAA	INAA	INAA	INAA
GXR-4 Meas				3.5	0.6	6360	145	352	35	44	69	1.699						
GXR-4 Cert				4.0	0.860	6520	155	310	42.0	52.0	73.0	1.77						
GXR-6 Meas				0.3	0.8	67	1080	< 2	22	95	126	0.021						
GXR-6 Cert				1.30	1.00	66.0	1010	2.40	27.0	101	118	0.0160						
SAR-M (U.S.G.S.) Meas				3.6	4.9	332	4540	12	37	1000	988							
SAR-M (U.S.G.S.) Cert				3.64	5.27	331.0000	5220	13.1	41.5	982	930.0							
OREAS 45d (4-Acid) Meas						371	440	2	210	13	39	0.043						
OREAS 45d (4-Acid) Cert						371.0	490.000	2.500	231.0	21.8	45.7	0.049						
DMMAS 117 Meas	3.22	1740											1710	1130		7.2		
DMMAS 117 Cert	3.11	1720											1745	1228		6.7		
DMMAS 117 Meas	3.19	1730											1700	1060		5.9		
DMMAS 117 Cert	3.11	1720											1745	1228		6.7		
E5565161 Orig				< 0.2	< 0.5	4	76	< 2	3	5	20	0.008						
E5565161 Dup				< 0.2	< 0.5	4	75	< 2	4	6	19	0.009						
E5565190 Orig				< 0.2	< 0.5	4	166	< 2	10	3	17	0.008						
E5565190 Dup				< 0.2	< 0.5	4	165	< 2	10	3	17	0.008						
E5565191 Orig				< 0.2	< 0.5	6	135	< 2	9	3	14	0.007						
E5565191 Dup				< 0.2	< 0.5	6	132	< 2	9	2	13	0.007						
Method Blank				< 0.2	< 0.5	< 1	< 2	< 2	< 1	< 2	< 1	< 0.001						
Method Blank	< 0.02	< 5	< 5										2	< 50	< 1	< 0.2	< 4	30.0

Appendix V

Maps

392,500 mE 395,000 mE 397,500 mE 400,000 mE 402,500 mE 405,000 mE 407,500 mE 410,000 mE 412,500 mE

5,342,500 mN 5,340,000 mN 5,337,500 mN 5,335,000 mN 5,332,500 mN 5,330,000 mN

N

4261221 4261220 4261219 4261222 4261225 4271235 4261218 4261201 4261205 4261227 4261204 4261203 4271239 4271238 4271237 4271236 4271211 4271213 4271212 4269072 4269076 4261223 4271240 4271215 4275387 4275388 4271214 4269077 4269078 4275378 4269073 4269075 4244837 4275389 4261208 4275379 4275377 4275381 4275382 4275384 4275385 4261224 4275383 4275698 4268961 4268959 4275699 4278035 4275370 4275376

E5565091 E5565093 E5565090 E5565092 E5565094 E5565096 E5565097 E5565109 E5565098 E5565089 E5568172 E5565099 E5568392 E5568171 E5565100 E5565107 E5568985 E5568987 E5565101 E5568178 E5568991 E5565558 E5565105 E5568179 E5565106 E5568170 E5565557 E5565103 E5565102 E5568986 E5565556 E5568160 E5565555 E5565104 E5565530 E5565534 E5565533 E5565539 E5565531 E5565095 E5565536 E5568488 E5565537 E5565532 E5568493 E5565066 E5568489 E5568490 E5568494 E5568491 E5565538 E5565065 E5565540 E5565546 E5565547 E5565083 E5565082 E5565077 E5565081 E5565079 E5565078 E5565080 E5565064 E5565063 E5565541 E5565108 E5565519 E5565076 E5565071 E5565072 E5565517 E5565516 E5565515 E5565513 E5565514 E5565520 E5565512 E5565510 E5565511 E5565545 E5565543 E5565542 E5565544 E5565061 E5565060 E5565062 E5565559 E5565085 E5565084 E5565081 E5565526 E5565522 E5565481 E5565523 E5565524 E5565525 E5565521 E5565477 E5565067 E5565068 E5565069 E5565549 E5565550 E5565553 E5565554 E5565552 E5565551 E5565548 E5565087 E5565088 E5565086

E5568963 E5568962 E5568961 E5568960 E5568994 E5568223 E5568177 E5568972 E5568173 E5565073 E5565074 E5565075 E5568175 E5568965 E5568174 E5568967 E5568968 E5568176 E5565070 E5568180 E5568966 E5568974 E5568973 E5568977 E5568979 E5568230 E5565539 E5565540 E5565546 E5565547 E5565541 E5565063 E5565064 E5565519 E5565519 E5565516 E5565515 E5565514 E5565513 E5565512 E5565511 E5565510 E5568169 E5568222 E5568185 E5568970 E5568474 E5568473 E5568472 E5568976 E5568221 E5568471 E5568220 E5568470 E5568219 E5568469 E5568218 E5568181 E5568468 E5568182 E5568184 E5568183 E5565062 E5565061 E5565060 E5565559 E5568978 E5568167 E5568975 E5568166 E5568168 E5568993 E5568228 E5568229 E5568227 E5568226 E5568971 E5568224 E5568225 E5568980 E5568467 E5568466 E5568465 E5568981 E5568463 E5568982 E5568462 E5568464 E5568487 E5568483 E5568484 E5568482 E5568479 E5568478 E5568527 E5565529 E5565528 E5568477 E5565525 E5568523 E5568524 E5568475 E5568476 E5565522 E5568481 E5568480 E5568485 E5568492 E5568495 E5568496 E5568486 E5565067 E5565068 E5565069 E5568984

2014 PROSPECTING SAMPLES

GTA Resources and Mining Inc.

0 7

kilometres

392,500 mE 395,000 mE 397,500 mE 400,000 mE 402,500 mE 405,000 mE 407,500 mE 410,000 mE 412,500 mE

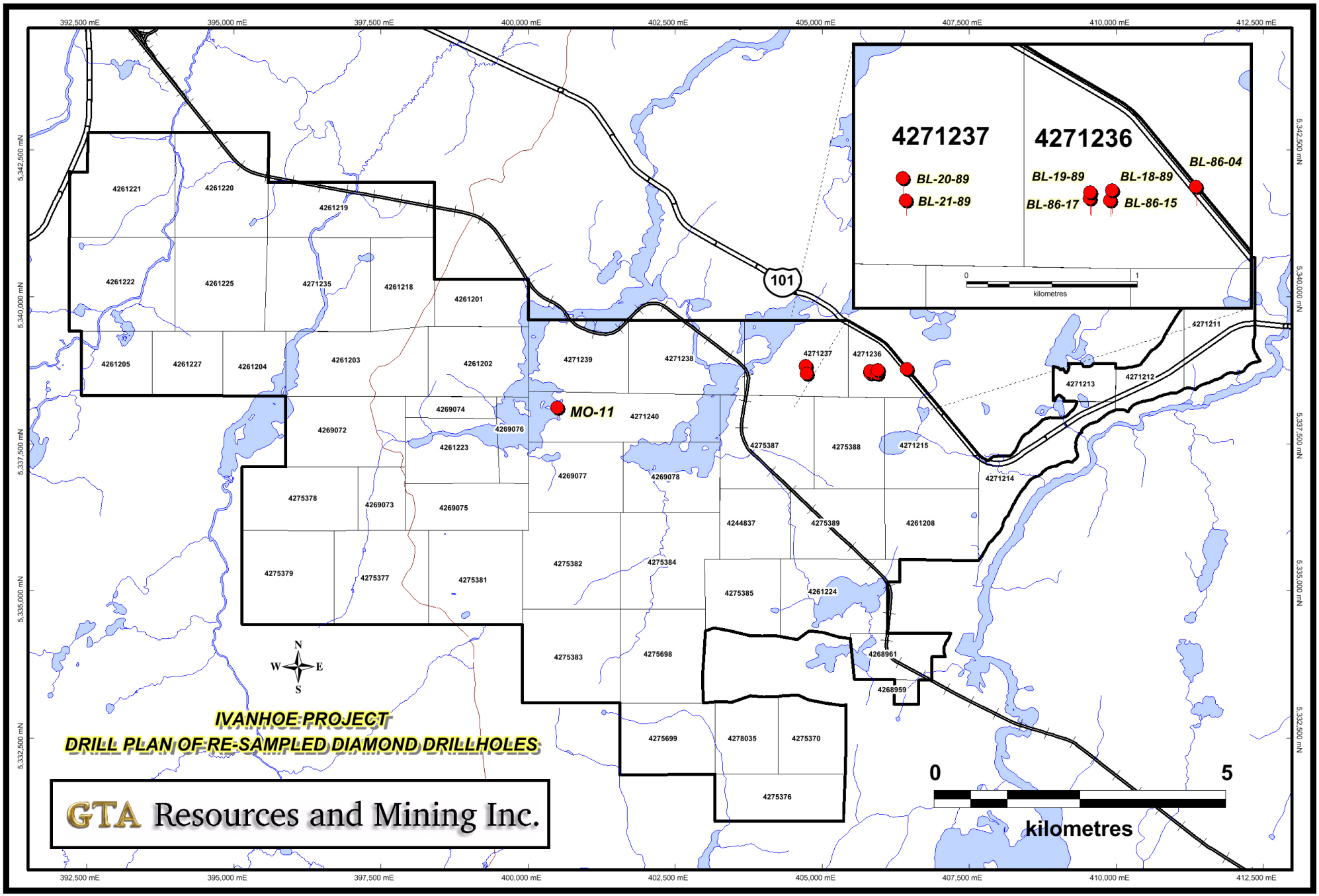
5,342,500 mN 5,340,000 mN 5,337,500 mN 5,335,000 mN 5,332,500 mN 5,330,000 mN

4261221 4271235 4261218 4261201 4261203 4271239 4271238 4271237 4271236 4271211 4271213 4271212 Montana Zone 4271240 4269072 4269076 4261223 18.1g/t Au 4269077 4269078 4275387 4275388 4271215 4271214 4275378 4269073 4269075 4244837 4275389 4261208 4275379 4275377 4275381 4275382 4275384 4275385 4261224 4275383 4275698 4268961 4268959 4275699 4278035 4275370 4275376

Sample_Comp_by Au_g/t
- 3 to 5
- 1 to 3
- 0.5 to 1
- 0.1 to 0.5
- 0.04 to 0.1
- 0.001 to 0.04
- all others

GTA Resources and Mining Inc.

0 7
kilometres


392,500 mE
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397,500 mE
400,000 mE
402,500 mE
405,000 mE
407,500 mE
410,000 mE
412,500 mE
5,342,500 mN
5,340,000 mN
5,337,500 mN
5,335,000 mN
5,332,500 mN
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4271236
BL-20-89
BL-21-89
BL-19-89
BL-18-89
BL-86-04
BL-86-17
BL-86-15
0
1
kilometres
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DRILL PLAN OF RE-SAMPLED DIAMOND DRILLHOLES
GTA Resources and Mining Inc.
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