

## **Appendix IV**

### **Assay Certificates**



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.



## Certificate of Analysis

AGAT WORK ORDER: 14B898605

PROJECT:

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

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

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	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

Quality Assurance - Replicate  
 AGAT WORK ORDER: 14B898605  
 PROJECT:

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
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CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: ROBERT DUESS

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

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



**AGAT** Laboratories

Quality Assurance - Certified Reference materials  
 AGAT WORK ORDER: 14B898605  
 PROJECT:

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CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: ROBERT DUESS

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

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



## 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



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: 14U888053

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

DATE REPORTED: Oct 07, 2014

PAGES (INCLUDING COVER): 8

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## Certificate of Analysis

AGAT WORK ORDER: 14U888053

PROJECT:

5623 McADAM ROAD  
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 CANADA L4Z 1N9  
 TEL (905)501-9998  
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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	%		
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01		
Sample ID (AGAT ID)																
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		
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10		
Sample ID (AGAT ID)																
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		
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1		
Sample ID (AGAT ID)																
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:





## Certificate of Analysis

AGAT WORK ORDER: 14U888053

PROJECT:

5623 McADAM ROAD  
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<http://www.agatlabs.com>

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

Sample ID (AGAT ID)	Analyte:	Y	Zn	Zr
	Unit:	ppm	ppm	ppm
	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

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 14U888053

PROJECT:

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 MISSISSAUGA, ONTARIO  
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<http://www.agatlabs.com>

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

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au	Au-Grav
	Unit:	kg	ppm	g/t
	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:



CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: DON HEEREAMA, WAYNE REID

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

Parameter	REPLICATE #1			RPD															
	Sample ID	Original	Replicate																
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%															



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%													



CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: DON HEEREAMA, WAYNE REID

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

Parameter	CRM #1 (ref.CFRM-100)				CRM #2										
	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)

Parameter	CRM #1 (ref.1P5K)				CRM #2										
	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%							



## 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



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: 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

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## Certificate of Analysis

AGAT WORK ORDER: 14U886025

PROJECT:

5623 McADAM ROAD  
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 CANADA L4Z 1N9  
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<http://www.agatlabs.com>

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

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 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:





## Certificate of Analysis

AGAT WORK ORDER: 14U886025

PROJECT:

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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

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	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:



CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: ROBERT DUESS

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

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



CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: ROBERT DUESS

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

Parameter	CRM #1 (ref.1P5K)				CRM #2 (ref.GS6D)				CRM #3 (ref.1P5K)							
	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%				



## 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



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.



## Certificate of Analysis

AGAT WORK ORDER: 14U888471

PROJECT:

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

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

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 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:



## Certificate of Analysis

AGAT WORK ORDER: 14U888471

PROJECT:

5623 McADAM ROAD  
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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

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 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

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 14U888471

PROJECT:

5623 McADAM ROAD  
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<http://www.agatlabs.com>

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

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 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:





## Certificate of Analysis

AGAT WORK ORDER: 14U888471

PROJECT:

5623 McADAM ROAD  
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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

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	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:



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%				



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%				



## 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



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: 14U892538

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

DATE REPORTED: Oct 27, 2014

PAGES (INCLUDING COVER): 11

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.



## Certificate of Analysis

AGAT WORK ORDER: 14U892538

PROJECT:

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

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



## Certificate of Analysis

AGAT WORK ORDER: 14U892538

PROJECT:

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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FAX (905)501-0589  
<http://www.agatlabs.com>

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	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
Sample ID (AGAT ID)															
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	%											
RDL:	1	0.5	5	0.01											
Sample ID (AGAT ID)															
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:



## Certificate of Analysis

AGAT WORK ORDER: 14U892538

PROJECT:

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

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

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm	Au-Grav g/t
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	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 14U892538

PROJECT:

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

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

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm	Au-Grav g/t
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:



## Certificate of Analysis

AGAT WORK ORDER: 14U892538

PROJECT:

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

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

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au	Au-Grav
	Unit:	kg	ppm	g/t
	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:



CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: ROBERT DUESS

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

Parameter	REPLICATE #1			RPD																
	Sample ID	Original	Replicate																	
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%																



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)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3							
	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					



CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: ROBERT DUESS

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

Parameter	CRM #1 (ref.CFRM-100)				CRM #2 (ref.CFRM-100)				CRM #3 (ref.CFRM-100)				CRM #4			
	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)**

Parameter	CRM #1 (ref.GSP7J)				CRM #2 (ref.GS6D)				CRM #3 (ref.1P5K)				CRM #4			
	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%



## 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



## 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



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.





## Certificate of Analysis

AGAT WORK ORDER: 14U896018

PROJECT:

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

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

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	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:



CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: ROBERT DUESS

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

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



**AGAT** Laboratories

Quality Assurance - Certified Reference materials  
 AGAT WORK ORDER: 14U896018  
 PROJECT:

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: ROBERT DUESS

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

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



## 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



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: 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.



## Certificate of Analysis

AGAT WORK ORDER: 14U896039

PROJECT:

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

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

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 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:



CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: ROBERT DUESS

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

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



**AGAT** Laboratories

Quality Assurance - Certified Reference materials  
 AGAT WORK ORDER: 14U896039  
 PROJECT:

5623 McADAM ROAD  
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 CANADA L4Z 1N9  
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 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: ROBERT DUESS

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

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





## 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



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.



## Certificate of Analysis

AGAT WORK ORDER: 14U908503

PROJECT:

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

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

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm	Au-Grav g/t
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:



# Certificate of Analysis

AGAT WORK ORDER: 14U908503

PROJECT:

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

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
E5568984 (6006128)		0.80	0.001

Comments: RDL - Reported Detection Limit

Certified By:



**AGAT** Laboratories

Quality Assurance - Replicate  
 AGAT WORK ORDER: 14U908503  
 PROJECT:

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: ROBERT DUESS

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

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



CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: ROBERT DUESS

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

Parameter	CRM #1 (ref.GSP7J)				CRM #2 (ref.GSP7J)				CRM #3 (ref.GS6D)							
	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%				



## 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



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: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Nov 20, 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.





## Certificate of Analysis

AGAT WORK ORDER: 14U910886

PROJECT:

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

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				
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.2	Al % 0.01	As ppm 1	B ppm 5	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 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	
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ga ppm 5	Hg ppm 1	In ppm 1	K % 0.01	La ppm 1	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 0.5	Rb ppm 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	

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 14U910886

PROJECT:

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

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	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
Sample ID (AGAT ID)															
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												
RDL:	1	0.5	5												
Sample ID (AGAT ID)															
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:



## Certificate of Analysis

AGAT WORK ORDER: 14U910886

PROJECT:

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

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

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm	Au-Grav g/t
		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:



CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: ROBERT DUESS

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

Parameter	REPLICATE #1				RPD													
	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%														



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)

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



CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: ROBERT DUESS

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

Parameter	CRM #1 (ref.CFRM-100)				CRM #2 (ref.1P5K)				CRM #3								
	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)**

Parameter	CRM #1 (ref.GS6D)				CRM #2 (ref.1P5K)				CRM #3								
	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%					



## Method Summary

CLIENT NAME: GTA RESOURCES & MINING INC  
 PROJECT:  
 SAMPLING SITE:

AGAT WORK ORDER: 14U910886  
 ATTENTION TO: ROBERT DUESS  
 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



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.





## Certificate of Analysis

AGAT WORK ORDER: 14U910886

PROJECT:

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
FAX (905)501-0589  
<http://www.agatlabs.com>

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

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm	Au-Grav g/t
		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:



CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: ROBERT DUESS

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

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



**AGAT** Laboratories

Quality Assurance - Certified Reference materials  
 AGAT WORK ORDER: 14U910886  
 PROJECT:

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: ROBERT DUESS

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

Parameter	CRM #1 (ref.GS6D)				CRM #2 (ref.1P5K)				CRM #3								
	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%					



## 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



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.



## Certificate of Analysis

AGAT WORK ORDER: 14U911942

PROJECT:

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

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

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	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:



CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: ROBERT DUESS

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

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



**AGAT** Laboratories

Quality Assurance - Certified Reference materials  
 AGAT WORK ORDER: 14U911942  
 PROJECT:

5623 McADAM ROAD  
 MISSISSAUGA, ONTARIO  
 CANADA L4Z 1N9  
 TEL (905)501-9998  
 FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: GTA RESOURCES & MINING INC

ATTENTION TO: ROBERT DUESS

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

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





## 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



**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**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

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

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé", is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control



## 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