

**CLIENT NAME: AURORA GEOSCIENCES  
34A LABERGE RD  
WHITEHORSE, YT Y1A5Y9  
(867) 668-7672**

**ATTENTION TO: DAVE WHITE, GABE FORTIN**

**PROJECT NO: KTL-14514-YT**

**AGAT WORK ORDER: 14Y861886**

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

**DATE REPORTED: Jul 29, 2014**

**PAGES (INCLUDING COVER): 23**

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: 14Y861886

PROJECT NO: KTL-14514-YT

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

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

**(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish**

DATE SAMPLED: Jul 10, 2014

DATE RECEIVED: Jul 10, 2014

DATE REPORTED: Jul 29, 2014

SAMPLE TYPE: Rock

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.1	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05	0.1
Sample ID (AGAT ID)														
E5578960 (5558369)	<0.01	0.41	4.8	<5	210	0.48	0.03	12.9	0.21	54.1	24.8	7.3	3.46	17.5
E5578961 (5558370)	0.01	0.18	15.0	<5	24	0.22	0.05	16.9	0.12	13.2	2.3	4.4	0.14	3.8
E5578962 (5558371)	0.07	0.85	60.3	<5	25	2.75	0.11	0.34	1.06	12.1	43.9	1.3	0.22	622
E5578963 (5558372)	0.14	1.70	48.9	<5	37	0.24	0.18	0.20	0.83	21.3	33.5	40.6	0.60	139
E5578964 (5558373)	0.21	0.43	21.6	<5	75	0.30	0.14	0.52	0.38	11.4	6.5	2.6	0.35	139
E5578965 (5558374)	0.03	0.03	4.8	<5	9	<0.05	0.01	5.50	0.05	10.4	1.0	10.9	0.06	3.5
E5578966 (5558375)	0.05	1.79	7.7	<5	1280	0.40	0.15	6.13	0.54	20.2	33.1	26.7	0.60	129
E5578967 (5558376)	0.03	0.82	4.3	<5	36	0.20	0.05	>25	1.24	81.3	6.3	10.1	0.17	42.6
E5578968 (5558377)	0.04	0.71	39.7	6	55	0.53	0.11	11.2	1.78	20.6	21.4	28.7	1.74	103
E5578969 (5558378)	0.02	0.13	4.3	<5	20	0.37	0.03	15.8	0.11	9.68	2.7	2.2	0.11	5.2
E5578970 (5558379)	0.01	2.32	4.9	<5	206	0.57	0.03	3.39	0.22	52.2	26.0	11.4	3.32	22.7
E5578971 (5558380)	0.12	0.16	8.9	<5	51	0.06	0.04	0.30	0.01	14.8	1.0	5.4	0.50	10.3
E5578972 (5558381)	0.08	1.31	9.8	8	74	0.82	0.25	13.5	0.29	33.8	23.7	15.3	1.43	99.6
E5578973 (5558382)	0.10	0.70	12.1	9	53	0.65	0.30	0.20	0.04	23.7	4.7	15.8	0.35	47.9
E5578974 (5558383)	0.14	0.76	37.7	7	39	0.50	0.27	0.09	0.07	19.4	25.9	21.7	0.73	286
E5578975 (5558384)	0.12	0.45	8.7	10	109	0.39	0.39	0.12	0.03	28.4	1.1	5.4	0.64	25.5
E5578976 (5558385)	0.10	1.20	25.1	<5	41	0.70	0.36	0.10	0.29	20.9	23.1	33.1	0.64	129
E5578977 (5558386)	0.16	0.40	5.8	10	90	0.31	0.42	0.01	0.01	23.0	0.8	6.4	0.98	4.9
E5578978 (5558387)	<0.01	0.09	4.3	<5	22	0.25	0.03	7.37	0.14	8.41	2.3	9.4	0.20	2.3
E5578979 (5558388)	0.01	0.25	18.1	<5	10	0.19	0.06	0.10	0.14	6.92	11.9	14.6	0.29	41.6
E5578980 (5558389)	0.23	0.47	6.5	12	130	0.23	0.35	0.13	0.01	21.6	0.3	7.2	0.41	17.9
E5578981 (5558390)	0.13	1.34	90.3	6	44	2.56	0.25	0.06	0.11	20.4	7.9	17.4	1.24	253
E5578982 (5558391)	0.09	0.70	44.3	<5	57	9.34	0.09	0.04	0.87	31.5	400	2.1	0.58	9.4
E5578983 (5558392)	0.07	0.37	30.2	6	51	0.59	0.24	0.07	0.05	22.2	22.3	11.1	1.63	47.6
E5578984 (5558393)	0.01	0.01	0.2	<5	7	0.42	<0.01	21.7	0.13	0.63	0.6	<0.5	<0.05	0.6
E5578985 (5558394)	0.04	0.22	3.6	<5	26	0.86	0.07	14.4	0.10	7.72	5.7	3.3	0.45	13.4
E5578986 (5558395)	0.01	0.04	1.5	<5	4	<0.05	<0.01	0.10	<0.01	0.58	0.8	11.7	<0.05	1.7
E5578987 (5558396)	0.01	0.04	0.8	<5	31	0.18	<0.01	>25	1.04	2.49	1.6	2.6	0.12	1.8
E5578988 (5558397)	0.03	1.00	7.6	<5	27	1.01	0.18	9.08	0.27	9.23	12.8	22.4	0.40	34.7
E5578989 (5558398)	0.08	1.24	35.1	<5	31	0.46	0.45	0.15	0.04	10.7	5.9	18.3	0.90	30.3
E5578990 (5558399)	0.09	1.56	17.7	<5	30	0.43	0.49	0.03	0.03	12.4	3.6	21.0	1.79	33.2
E5578991 (5558400)	0.06	1.39	14.4	<5	22	0.32	0.45	0.03	0.03	10.9	10.3	18.7	1.88	25.5

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 14Y861886

PROJECT NO: KTL-14514-YT

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

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

**(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish**

DATE SAMPLED: Jul 10, 2014

DATE RECEIVED: Jul 10, 2014

DATE REPORTED: Jul 29, 2014

SAMPLE TYPE: Rock

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.1	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05	0.1
Sample ID (AGAT ID)														
E5578992 (5558401)	0.20	0.41	2.5	6	110	0.29	0.42	0.05	0.06	43.0	0.8	4.0	0.34	5.8
E5578993 (5558402)	0.90	1.06	68.0	<5	89	0.53	0.44	0.46	0.37	7.64	55.0	9.9	1.56	169
E5578994 (5558403)	0.11	0.71	7.7	7	28	0.54	0.10	11.2	0.12	9.62	8.0	6.5	0.51	15.9
E5578995 (5558404)	0.09	3.22	2.0	<5	61	0.95	0.18	6.67	0.41	12.4	36.6	53.7	0.69	164
E5578996 (5558405)	0.47	0.54	67.2	<5	124	0.40	0.48	0.09	0.11	13.8	24.0	12.2	0.96	107
E5578997 (5558406)	1.43	0.28	47.9	7	42	0.26	0.18	0.82	0.06	6.47	6.3	7.9	0.81	50.9
E5544510 (5558407)	0.11	0.13	6.2	7	17	0.70	0.09	13.7	0.11	11.4	5.5	2.7	0.11	2.8
E5544511 (5558408)	0.05	1.88	0.9	10	2050	0.98	0.28	12.9	2.28	12.9	18.9	16.6	1.56	63.5
E5544512 (5558409)	0.05	0.45	12.1	9	96	0.51	0.12	13.2	0.24	18.5	7.4	7.3	0.43	14.5
E5544513 (5558410)	0.03	0.15	5.1	<5	14	0.25	0.08	6.77	0.39	7.23	3.7	10.6	0.14	9.5
E5544514 (5558411)	0.01	0.37	5.5	<5	17	0.40	0.10	5.49	0.24	16.1	6.1	7.2	0.29	32.4
E5577410 (5558412)	0.01	0.58	4.2	<5	33	0.21	0.03	>25	0.35	17.4	11.4	21.3	0.10	41.0
E5577411 (5558413)	0.01	0.07	0.6	<5	12	0.39	0.01	23.7	0.02	4.80	1.0	<0.5	0.08	<0.1
E5578260 (5558414)	0.07	0.90	22.9	8	34	0.77	0.20	1.68	0.30	25.1	19.7	12.2	0.65	112
E5578261 (5558415)	0.41	0.63	60.5	<5	22	0.55	0.13	0.24	0.22	29.7	31.4	2.8	0.38	125
E5578262 (5558416)	2.39	0.57	2560	<5	31	1.03	0.14	0.08	0.54	13.0	17.4	28.0	0.73	149
E5578263 (5558417)	0.24	0.25	81.0	<5	30	0.29	0.06	>25	0.05	17.2	3.2	<0.5	0.15	5.1
E5578264 (5558418)	0.05	0.04	5.7	<5	27	0.12	0.01	>25	0.02	5.14	0.9	<0.5	<0.05	<0.1
E5578265 (5558419)	0.05	0.46	9.2	<5	57	0.30	0.07	>25	0.11	20.1	4.3	<0.5	0.12	13.1
E5578266 (5558420)	0.03	0.57	3.2	<5	53	0.40	0.11	23.6	0.06	25.2	1.8	1.1	0.18	13.4
E5578267 (5558421)	0.02	0.16	3.3	<5	36	0.19	0.04	>25	0.03	10.9	2.7	<0.5	0.11	2.9
E5578268 (5558422)	0.03	1.58	6.0	9	34	0.66	0.15	8.59	0.17	16.2	7.5	7.5	0.65	28.2
E5578269 (5558423)	0.07	3.54	1.7	7	89	0.92	0.18	3.46	0.24	36.7	30.2	50.6	1.05	142
E5578270 (5558424)	0.06	2.03	2.5	12	4370	0.89	0.22	17.1	1.20	22.6	21.0	20.1	1.06	65.0
E5578271 (5558425)	0.03	0.35	2.2	<5	769	0.65	0.02	22.7	0.20	2.82	16.4	<0.5	0.32	16.6
E5578272 (5558426)	0.02	2.71	2.3	<5	2820	0.28	0.02	11.0	0.60	41.5	35.6	21.6	0.65	72.6
E5578610 (5558427)	0.07	2.54	29.6	<5	467	0.55	0.33	0.59	0.06	19.4	9.8	22.3	1.23	15.1
E5578611 (5558428)	0.02	0.40	3.3	<5	55	0.33	0.04	>25	0.11	16.8	3.1	4.6	0.13	4.8
E5578612 (5558429)	<0.01	0.05	0.6	<5	29	0.17	0.01	>25	0.47	6.11	0.9	<0.5	0.05	<0.1
E5578613 (5558430)	0.04	0.21	1.2	<5	29	0.24	0.03	>25	0.12	16.0	1.8	2.3	0.07	2.5
E5578614 (5558431)	0.03	0.03	2.4	<5	33	0.16	0.01	>25	0.38	6.12	1.1	<0.5	<0.05	<0.1
E5578615 (5558432)	0.02	0.20	1.0	<5	30	0.22	0.02	>25	0.07	16.9	1.7	<0.5	0.07	<0.1

Certified By:



**AGAT** Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y861886

PROJECT NO: KTL-14514-YT

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

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

### (201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 10, 2014

DATE RECEIVED: Jul 10, 2014

DATE REPORTED: Jul 29, 2014

SAMPLE TYPE: Rock

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.1	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05	0.1
Sample ID (AGAT ID)														
E5578616 (5558433)	0.01	0.03	1.6	<5	25	0.25	0.02	>25	0.24	10.1	2.3	<0.5	0.05	0.5
E5578617 (5558434)	0.02	0.19	2.1	<5	45	0.23	0.02	>25	0.12	14.7	2.4	<0.5	0.15	2.0
E5578618 (5558435)	0.02	0.27	0.4	<5	52	0.33	0.05	>25	0.19	18.9	2.2	<0.5	0.12	1.9
E5578619 (5558436)	0.02	0.50	1.6	<5	41	0.38	0.07	>25	0.08	21.5	5.4	<0.5	0.20	4.2
E5578620 (5558437)	0.98	1.79	159	7	63	1.00	0.67	3.63	0.04	40.7	49.0	16.4	1.14	37.2
E5578621 (5558438)	0.18	2.02	13.5	<5	30	0.85	0.30	0.34	0.04	19.7	33.8	17.8	2.03	26.6
E5578998 (5558439)	0.04	0.29	1.7	<5	32	0.56	0.03	2.00	0.74	5.27	15.5	7.6	0.16	31.4
E5578999 (5558440)	0.02	0.10	2.5	<5	12	0.26	0.04	9.10	0.09	6.54	2.4	3.9	0.14	<0.1
E5579000 (5558441)	0.02	0.14	6.7	<5	7	0.09	0.03	3.39	0.08	1.64	2.4	8.9	0.17	18.4
E5579001 (5558442)	0.01	0.06	5.6	<5	13	0.22	0.01	>25	0.04	5.16	1.1	<0.5	0.11	<0.1
E5579002 (5558443)	0.03	0.07	0.3	<5	211	0.56	<0.01	>25	1.14	7.31	16.8	1.4	0.05	3.3
E5579003 (5558444)	0.04	3.56	3.1	<5	224	0.57	0.10	6.82	0.22	68.4	54.8	17.9	1.55	126
E5577560 (5558445)	0.02	0.92	4.2	<5	19	0.35	0.06	7.85	0.20	13.6	24.9	55.1	0.50	72.9
E5577561 (5558446)	0.04	4.24	15.5	<5	21	0.46	0.15	5.00	0.31	32.9	36.4	84.7	0.38	134
E5577562 (5558447)	0.02	0.45	11.3	6	46	0.53	0.08	17.8	4.29	13.7	9.3	3.9	0.32	25.1
E5577564 (5558448)	0.01	0.39	4.5	<5	15	0.24	0.05	6.88	0.11	13.3	5.0	2.7	0.24	7.9
E5578622 (5558449)	0.02	2.45	5.9	6	104	1.38	0.54	0.08	0.15	6.10	8.4	30.9	1.14	41.1
E5578623 (5558450)	0.09	2.26	22.0	<5	70	1.43	0.46	0.04	0.12	11.4	11.4	33.8	1.55	37.4
E5578624 (5558451)	0.08	0.11	3.0	<5	11	0.28	0.04	15.8	0.04	4.24	4.7	<0.5	0.13	1.7
E5578625 (5558452)	0.05	2.54	5.4	<5	51	1.04	0.49	0.28	0.15	8.39	7.5	34.1	1.39	37.3
E5578626 (5558453)	0.02	2.02	4.4	<5	47	0.70	0.46	0.10	0.07	3.69	6.8	26.4	1.09	32.9
E5578627 (5558454)	0.02	2.50	3.0	<5	59	1.05	0.29	0.19	0.30	12.5	6.4	30.6	1.69	25.9
E5578628 (5558455)	0.06	0.14	3.0	<5	28	0.43	0.05	19.5	0.04	11.1	3.2	<0.5	0.29	2.5
E5578629 (5558456)	0.05	0.88	3.5	<5	27	0.30	0.13	0.22	0.01	10.5	4.8	18.7	0.79	14.6
E5578630 (5558457)	0.01	0.38	1.0	<5	57	0.27	0.05	>25	0.09	9.13	3.9	1.8	0.69	4.2
E5578631 (5558458)	0.01	0.09	1.0	<5	26	0.25	0.03	>25	0.05	5.02	3.7	<0.5	0.18	10.4

Certified By:

*Y. Chen*



## Certificate of Analysis

AGAT WORK ORDER: 14Y861886

PROJECT NO: KTL-14514-YT

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

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

### (201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 10, 2014		DATE RECEIVED: Jul 10, 2014						DATE REPORTED: Jul 29, 2014				SAMPLE TYPE: Rock			
	Analyte:	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Sample ID (AGAT ID)	RDL:	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05	0.01	0.05
E5578960 (5558369)		2.03	9.67	0.14	0.06	0.03	0.040	0.09	27.9	26.3	0.49	2380	1.40	<0.01	0.11
E5578961 (5558370)		1.34	0.47	<0.05	0.10	0.05	0.014	0.07	5.1	1.5	0.52	830	0.62	<0.01	0.08
E5578962 (5558371)		29.8	0.66	0.24	0.20	0.40	0.039	0.08	5.1	1.4	0.08	966	3.48	<0.01	0.27
E5578963 (5558372)		17.3	8.42	0.16	0.05	0.12	0.041	0.11	10.7	17.0	0.92	790	195	0.02	0.11
E5578964 (5558373)		18.1	0.80	0.15	0.22	1.74	0.040	0.11	5.4	0.8	0.10	971	86.0	<0.01	0.13
E5578965 (5558374)		0.44	0.10	<0.05	0.04	0.08	<0.005	0.01	4.2	0.2	0.07	668	1.91	<0.01	0.09
E5578966 (5558375)		7.23	5.77	0.07	0.03	0.20	0.049	0.12	8.0	30.4	2.03	1830	1.30	<0.01	<0.05
E5578967 (5558376)		1.70	3.29	<0.05	0.04	0.03	0.037	0.03	19.8	15.5	0.67	8050	0.45	<0.01	0.11
E5578968 (5558377)		6.35	2.22	<0.05	0.04	0.03	0.044	0.08	8.7	15.5	4.13	1780	0.32	0.06	0.05
E5578969 (5558378)		3.43	0.33	<0.05	0.06	0.03	0.017	0.06	4.0	1.7	7.71	2410	0.45	0.02	0.06
E5578970 (5558379)		6.96	10.3	0.13	0.06	0.03	0.041	0.05	27.2	30.9	1.53	761	1.42	0.02	0.07
E5578971 (5558380)		3.41	0.53	0.06	0.11	0.11	<0.005	0.10	6.6	0.7	0.14	71	0.53	<0.01	<0.05
E5578972 (5558381)		3.86	3.72	<0.05	0.36	0.25	0.039	0.23	16.6	29.2	0.70	1130	2.81	<0.01	<0.05
E5578973 (5558382)		2.75	2.84	0.07	0.26	0.40	0.024	0.26	12.7	6.3	0.11	69	1.22	0.02	<0.05
E5578974 (5558383)		14.2	4.47	0.12	0.19	1.13	0.046	0.24	10.0	3.3	0.11	96	18.2	<0.01	<0.05
E5578975 (5558384)		0.57	1.53	0.07	0.33	1.55	0.007	0.28	15.7	1.3	0.05	12	7.26	0.02	<0.05
E5578976 (5558385)		15.3	7.91	0.14	0.10	0.88	0.067	0.20	10.3	8.4	0.22	135	1.55	<0.01	<0.05
E5578977 (5558386)		0.52	1.30	0.06	0.45	1.23	0.008	0.26	11.7	1.1	0.03	16	2.09	<0.01	<0.05
E5578978 (5558387)		1.88	0.25	<0.05	0.06	0.08	0.023	0.04	3.6	0.4	0.56	565	1.10	<0.01	0.11
E5578979 (5558388)		2.84	0.28	0.07	0.06	0.10	0.012	0.03	3.0	1.4	0.02	249	1.32	<0.01	0.11
E5578980 (5558389)		1.60	2.27	0.06	0.41	1.69	0.013	0.41	10.9	2.7	0.04	10	2.49	0.07	<0.05
E5578981 (5558390)		19.6	1.42	0.15	0.03	0.50	0.083	0.23	10.3	4.4	0.05	105	5.64	<0.01	0.08
E5578982 (5558391)		36.3	0.92	0.36	0.43	0.15	0.021	0.06	14.1	3.2	0.17	14800	1.14	<0.01	0.35
E5578983 (5558392)		7.58	2.29	0.10	0.18	0.90	0.080	0.66	11.9	2.1	0.03	532	2.13	0.09	0.11
E5578984 (5558393)		0.33	<0.05	<0.05	0.05	0.01	<0.005	<0.01	0.3	1.3	10.4	656	0.25	0.01	0.12
E5578985 (5558394)		4.02	0.64	<0.05	0.16	0.08	0.027	0.11	3.0	3.2	6.08	3890	0.73	0.01	0.06
E5578986 (5558395)		0.52	0.17	<0.05	0.02	<0.01	<0.005	<0.01	0.2	0.3	0.02	77	0.91	<0.01	0.08
E5578987 (5558396)		0.60	0.12	<0.05	0.02	0.02	0.005	<0.01	1.6	0.7	0.21	1360	0.42	<0.01	0.10
E5578988 (5558397)		3.12	3.49	<0.05	0.37	0.02	0.045	0.15	3.9	49.9	4.40	2730	0.80	0.01	0.08
E5578989 (5558398)		3.15	4.71	0.06	0.38	0.12	0.026	0.18	6.1	50.8	0.77	118	1.93	0.01	<0.05
E5578990 (5558399)		5.95	5.90	0.07	0.27	0.05	0.031	0.17	6.1	65.0	0.63	140	0.78	0.02	<0.05
E5578991 (5558400)		4.47	4.61	0.07	0.19	0.12	0.069	0.15	5.4	60.6	0.52	201	0.40	0.02	<0.05

Certified By:

*Y. Chen*



## Certificate of Analysis

AGAT WORK ORDER: 14Y861886

PROJECT NO: KTL-14514-YT

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

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

### (201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 10, 2014		DATE RECEIVED: Jul 10, 2014						DATE REPORTED: Jul 29, 2014				SAMPLE TYPE: Rock			
	Analyte:	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Sample ID (AGAT ID)	RDL:	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05	0.01	0.05
E5578992 (5558401)		0.25	1.12	0.07	0.48	0.61	0.010	0.20	23.4	1.4	0.03	21	0.87	0.01	<0.05
E5578993 (5558402)		14.2	5.45	0.12	0.26	0.43	0.041	0.08	3.6	12.8	0.52	305	63.8	<0.01	0.06
E5578994 (5558403)		2.70	1.96	<0.05	0.14	0.03	0.034	0.11	4.3	14.5	4.20	795	1.41	<0.01	<0.05
E5578995 (5558404)		7.23	11.2	0.07	0.02	0.24	0.048	0.15	5.2	68.9	3.05	1620	0.39	0.01	<0.05
E5578996 (5558405)		15.2	5.46	0.13	0.46	0.48	0.044	0.13	6.7	3.6	0.14	180	18.8	<0.01	0.08
E5578997 (5558406)		4.81	0.77	0.06	0.25	0.52	0.026	0.15	2.7	0.9	0.35	144	2.65	<0.01	0.10
E5544510 (5558407)		2.28	0.37	<0.05	0.16	0.22	0.029	0.07	5.0	1.3	6.97	1090	0.48	0.02	0.06
E5544511 (5558408)		4.80	6.35	<0.05	0.06	0.01	0.037	0.17	4.9	25.6	1.37	2550	0.46	<0.01	<0.05
E5544512 (5558409)		2.43	1.28	<0.05	0.16	0.02	0.029	0.10	7.9	7.9	3.92	1200	0.58	<0.01	0.06
E5544513 (5558410)		2.33	0.48	<0.05	0.08	0.05	0.020	0.06	3.2	1.4	3.06	726	9.22	<0.01	0.11
E5544514 (5558411)		3.40	1.09	0.08	0.15	0.06	0.028	0.11	7.2	3.6	2.22	592	2.56	<0.01	0.09
E5577410 (5558412)		2.67	2.38	<0.05	0.04	0.02	0.052	0.02	5.6	11.1	0.87	3570	0.29	<0.01	0.05
E5577411 (5558413)		1.99	0.17	<0.05	0.04	<0.01	<0.005	0.01	1.8	1.9	8.20	424	0.16	0.01	<0.05
E5578260 (5558414)		18.8	4.35	0.19	0.12	0.64	0.056	0.17	11.5	7.6	0.63	313	1.38	<0.01	0.06
E5578261 (5558415)		30.3	3.88	0.25	0.32	0.13	0.056	0.12	14.1	2.4	0.23	417	15.6	0.01	0.09
E5578262 (5558416)		17.0	8.38	0.17	0.37	0.51	0.083	0.06	4.8	0.7	0.04	195	126	0.02	0.06
E5578263 (5558417)		1.13	0.77	<0.05	0.25	0.04	0.015	0.10	8.8	7.3	0.33	157	3.70	<0.01	<0.05
E5578264 (5558418)		0.25	<0.05	<0.05	0.06	0.01	<0.005	0.02	2.2	2.6	0.26	52	0.74	<0.01	<0.05
E5578265 (5558419)		1.00	1.13	<0.05	0.25	0.03	0.015	0.13	10.8	15.3	0.49	125	0.46	<0.01	<0.05
E5578266 (5558420)		1.20	1.50	<0.05	0.39	<0.01	0.026	0.14	12.9	17.5	0.69	142	0.19	<0.01	<0.05
E5578267 (5558421)		0.55	0.33	<0.05	0.18	0.01	0.010	0.05	5.4	6.2	0.34	87	0.27	<0.01	<0.05
E5578268 (5558422)		3.70	4.24	0.07	0.19	0.03	0.033	0.15	7.4	20.0	2.04	660	0.43	<0.01	<0.05
E5578269 (5558423)		6.71	12.1	0.15	0.06	0.06	0.059	0.18	16.9	39.2	3.36	945	0.26	0.01	<0.05
E5578270 (5558424)		3.91	6.49	0.07	0.11	0.02	0.056	0.27	8.8	21.4	1.24	2510	0.35	0.01	<0.05
E5578271 (5558425)		5.39	1.15	<0.05	0.04	0.04	0.007	0.05	1.2	4.2	8.65	1120	0.47	0.04	<0.05
E5578272 (5558426)		5.89	11.5	0.10	0.07	0.03	0.072	0.05	20.4	44.0	2.50	1440	1.05	0.02	0.30
E5578610 (5558427)		5.08	7.21	0.12	0.32	0.04	0.030	0.17	9.7	94.1	1.35	370	0.46	0.01	<0.05
E5578611 (5558428)		0.61	1.54	<0.05	0.29	0.01	0.011	0.03	9.3	12.6	0.73	186	0.46	<0.01	0.10
E5578612 (5558429)		0.21	<0.05	<0.05	0.11	0.01	<0.005	0.02	3.7	1.6	0.63	139	0.16	<0.01	0.10
E5578613 (5558430)		0.38	0.87	<0.05	0.23	0.02	0.007	0.02	8.9	6.3	0.52	176	0.15	<0.01	0.09
E5578614 (5558431)		0.20	<0.05	<0.05	0.15	0.02	<0.005	0.01	3.7	1.4	0.69	105	0.47	<0.01	0.06
E5578615 (5558432)		0.44	0.68	<0.05	0.17	0.02	0.006	0.01	7.6	6.4	0.92	253	0.14	<0.01	0.06

Certified By:



# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y861886

PROJECT NO: KTL-14514-YT

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

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

### (201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 10, 2014		DATE RECEIVED: Jul 10, 2014						DATE REPORTED: Jul 29, 2014				SAMPLE TYPE: Rock			
	Analyte:	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Sample ID (AGAT ID)	RDL:	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05	0.01	0.05
E5578616 (5558433)		0.27	<0.05	<0.05	0.17	0.02	0.006	0.01	5.1	1.2	1.18	272	0.26	<0.01	0.05
E5578617 (5558434)		0.38	0.41	<0.05	0.18	0.02	0.006	0.03	8.9	5.5	1.03	128	0.18	<0.01	0.06
E5578618 (5558435)		0.59	0.66	<0.05	0.32	<0.01	0.013	0.10	10.4	7.6	3.08	240	0.12	<0.01	<0.05
E5578619 (5558436)		0.80	1.31	<0.05	0.25	0.02	0.018	0.12	10.8	15.5	0.89	702	0.18	<0.01	<0.05
E5578620 (5558437)		5.75	5.39	0.13	0.27	0.19	0.026	0.35	18.0	32.5	0.80	135	15.1	0.01	<0.05
E5578621 (5558438)		4.14	5.17	0.12	0.42	0.04	0.032	0.20	8.3	66.2	0.92	939	0.87	0.02	<0.05
E5578998 (5558439)		1.98	0.27	0.08	0.08	0.02	0.006	0.03	2.1	1.8	0.48	849	1.34	<0.01	0.21
E5578999 (5558440)		1.85	0.23	<0.05	0.08	0.02	0.011	0.05	2.8	0.5	4.51	877	1.16	<0.01	0.14
E5579000 (5558441)		4.65	0.42	0.09	0.03	0.06	0.008	0.01	0.7	1.9	0.58	248	1.41	<0.01	0.20
E5579001 (5558442)		0.43	0.09	<0.05	0.04	0.06	0.007	0.02	2.3	0.6	0.39	213	0.24	<0.01	0.05
E5579002 (5558443)		3.30	0.56	<0.05	<0.02	0.04	0.011	<0.01	1.9	0.2	1.12	2230	0.57	<0.01	<0.05
E5579003 (5558444)		7.98	16.2	0.16	0.07	0.04	0.073	0.06	34.3	46.2	2.82	1450	1.56	0.04	0.42
E5577560 (5558445)		6.64	3.61	0.11	0.02	0.04	0.061	0.03	5.8	14.8	2.93	1560	0.19	0.02	<0.05
E5577561 (5558446)		7.70	15.9	0.17	0.05	0.04	0.077	0.06	15.0	56.8	3.38	1060	0.18	0.01	<0.05
E5577562 (5558447)		4.47	1.52	<0.05	0.10	0.57	0.206	0.11	5.4	3.0	3.01	1850	0.64	<0.01	0.07
E5577564 (5558448)		1.44	1.10	0.06	0.12	0.02	0.016	0.06	5.6	4.4	2.43	454	0.61	<0.01	0.06
E5578622 (5558449)		4.54	7.38	0.12	0.33	0.05	0.056	0.28	2.1	37.8	1.15	160	0.46	0.02	<0.05
E5578623 (5558450)		5.05	7.54	0.14	0.39	0.12	0.054	0.19	2.7	39.4	1.10	126	7.54	0.02	<0.05
E5578624 (5558451)		2.43	0.40	<0.05	0.12	<0.01	0.007	0.04	1.4	1.4	8.70	2960	1.34	0.01	0.06
E5578625 (5558452)		4.79	7.81	0.12	0.24	0.08	0.070	0.19	2.0	44.0	1.44	161	1.37	0.01	<0.05
E5578626 (5558453)		4.07	6.02	0.12	0.31	0.04	0.047	0.19	1.3	30.8	1.10	126	0.41	0.01	<0.05
E5578627 (5558454)		4.58	7.55	0.13	0.19	0.04	0.050	0.20	4.0	43.1	1.37	399	0.63	<0.01	<0.05
E5578628 (5558455)		1.58	0.43	<0.05	0.13	0.01	0.014	0.07	3.8	1.3	10.1	2850	2.01	<0.01	<0.05
E5578629 (5558456)		3.14	3.49	0.11	0.20	0.04	0.033	0.13	3.5	10.0	0.43	56	0.44	<0.01	<0.05
E5578630 (5558457)		1.06	1.07	<0.05	0.08	0.01	0.021	0.08	3.1	7.8	0.60	592	0.22	<0.01	<0.05
E5578631 (5558458)		2.42	0.17	<0.05	0.04	0.02	0.012	0.04	1.5	1.3	5.33	985	0.50	0.01	<0.05

Certified By:

*Y. Chen*



# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y861886

PROJECT NO: KTL-14514-YT

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

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

### (201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 10, 2014

DATE RECEIVED: Jul 10, 2014

DATE REPORTED: Jul 29, 2014

SAMPLE TYPE: Rock

Analyte:	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
Unit:	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.1
Sample ID (AGAT ID)														
E5578960 (5558369)	11.4	116	2.7	2.0	<0.001	0.135	0.08	8.7	0.4	<0.2	28.1	<0.01	0.03	2.4
E5578961 (5558370)	3.4	250	3.5	2.6	<0.001	0.167	0.10	2.6	0.2	<0.2	393	<0.01	0.02	1.1
E5578962 (5558371)	132	401	8.4	3.1	0.002	0.051	0.33	6.2	1.1	<0.2	12.4	<0.01	0.05	1.9
E5578963 (5558372)	44.7	456	146	4.5	<0.001	0.060	0.76	7.1	7.9	<0.2	12.6	<0.01	0.17	1.7
E5578964 (5558373)	15.7	228	78.5	4.2	<0.001	0.053	1.09	5.5	1.0	<0.2	5.9	<0.01	0.07	5.0
E5578965 (5558374)	1.5	68	1.7	0.5	<0.001	0.052	<0.05	0.3	<0.2	<0.2	78.4	<0.01	0.02	0.5
E5578966 (5558375)	49.8	491	8.3	5.1	<0.001	0.095	0.15	15.6	0.5	<0.2	87.8	<0.01	0.08	1.5
E5578967 (5558376)	10.8	165	39.0	1.4	<0.001	0.296	<0.05	14.9	1.0	<0.2	746	<0.01	0.03	0.3
E5578968 (5558377)	40.3	184	33.9	3.6	<0.001	0.149	0.60	13.7	1.0	<0.2	166	<0.01	0.08	1.5
E5578969 (5558378)	4.3	192	2.6	2.4	0.002	0.151	0.06	5.2	0.2	<0.2	202	<0.01	0.02	1.1
E5578970 (5558379)	17.3	1380	2.8	2.0	<0.001	0.046	0.08	9.3	0.3	<0.2	29.5	<0.01	0.01	2.4
E5578971 (5558380)	1.8	33	20.2	3.3	<0.001	0.897	0.30	0.4	0.3	<0.2	5.2	<0.01	<0.01	0.9
E5578972 (5558381)	40.0	646	15.5	10.0	0.007	0.160	0.40	7.7	0.8	0.2	854	<0.01	0.06	6.1
E5578973 (5558382)	14.2	252	24.6	8.9	0.002	0.095	0.46	5.1	0.7	0.2	34.4	<0.01	0.05	5.1
E5578974 (5558383)	32.9	573	21.3	8.4	0.018	0.086	1.61	5.9	3.3	0.2	11.3	<0.01	0.09	5.0
E5578975 (5558384)	2.3	43	19.1	10.6	0.039	0.068	0.66	2.6	0.5	0.4	11.3	<0.01	0.08	2.6
E5578976 (5558385)	58.2	639	24.7	7.5	0.008	0.098	0.51	9.2	2.7	0.2	20.3	<0.01	0.18	5.0
E5578977 (5558386)	1.6	39	16.9	10.2	0.032	0.255	0.36	1.9	1.9	0.4	2.4	<0.01	0.06	2.9
E5578978 (5558387)	3.9	91	5.6	1.8	<0.001	0.072	0.08	1.2	<0.2	<0.2	18.1	<0.01	0.01	0.5
E5578979 (5558388)	26.2	71	4.5	1.5	0.001	0.009	0.47	3.7	0.3	<0.2	5.2	<0.01	0.02	0.9
E5578980 (5558389)	1.1	65	25.0	13.8	0.024	0.502	0.30	2.3	0.9	0.5	17.1	<0.01	0.04	3.9
E5578981 (5558390)	38.7	3120	29.2	8.9	0.019	0.051	2.17	23.2	3.2	0.2	18.2	0.01	0.05	7.8
E5578982 (5558391)	336	143	6.5	3.2	<0.001	0.021	0.30	10.9	1.0	<0.2	16.2	0.02	0.05	3.5
E5578983 (5558392)	25.3	1540	53.6	19.4	0.016	1.31	0.29	12.4	2.1	0.2	298	<0.01	0.04	23.6
E5578984 (5558393)	0.4	66	0.7	0.3	<0.001	0.219	<0.05	0.4	<0.2	<0.2	414	<0.01	<0.01	0.4
E5578985 (5558394)	9.4	517	6.6	5.0	0.003	0.260	0.11	6.0	0.3	<0.2	460	<0.01	0.02	3.6
E5578986 (5558395)	1.6	<10	2.3	0.3	<0.001	<0.005	<0.05	0.2	<0.2	<0.2	5.9	<0.01	<0.01	0.2
E5578987 (5558396)	4.7	<10	4.2	0.5	<0.001	0.285	<0.05	1.1	<0.2	<0.2	2300	<0.01	0.02	0.3
E5578988 (5558397)	30.5	576	32.0	7.1	<0.001	0.539	0.15	10.1	0.7	0.2	581	<0.01	0.02	7.7
E5578989 (5558398)	15.1	120	33.7	7.9	0.005	0.582	0.99	2.2	0.6	<0.2	22.3	<0.01	0.07	6.7
E5578990 (5558399)	17.7	209	33.5	7.8	<0.001	0.474	0.74	3.6	0.3	0.2	15.1	<0.01	0.06	6.0
E5578991 (5558400)	27.2	212	18.3	6.9	<0.001	1.21	0.22	3.1	<0.2	<0.2	16.0	<0.01	0.05	5.9

Certified By:

*Y. Chen*





# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y861886

PROJECT NO: KTL-14514-YT

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

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

### (201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 10, 2014

DATE RECEIVED: Jul 10, 2014

DATE REPORTED: Jul 29, 2014

SAMPLE TYPE: Rock

Analyte:	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
Unit:	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.1
Sample ID (AGAT ID)														
E5578992 (5558401)	1.9	24	17.3	8.0	0.029	0.030	0.45	1.7	0.2	0.3	6.8	<0.01	0.03	4.0
E5578993 (5558402)	34.9	347	110	3.3	0.017	1.03	1.03	4.8	9.2	<0.2	12.0	<0.01	1.32	3.1
E5578994 (5558403)	8.8	260	11.1	4.5	0.001	0.252	0.16	4.0	0.4	<0.2	111	<0.01	0.06	3.3
E5578995 (5558404)	52.7	606	14.1	6.1	0.001	1.15	0.17	13.7	0.9	<0.2	98.6	<0.01	0.07	1.3
E5578996 (5558405)	25.0	756	213	4.8	0.002	0.362	1.56	5.2	12.5	0.3	9.0	<0.01	0.45	4.1
E5578997 (5558406)	13.2	109	169	4.9	<0.001	1.92	9.76	1.0	1.0	<0.2	7.4	<0.01	0.07	1.8
E5544510 (5558407)	6.2	263	8.8	2.9	0.001	0.170	0.26	5.2	0.4	<0.2	291	<0.01	0.03	1.7
E5544511 (5558408)	31.5	329	19.7	7.2	0.001	0.189	0.08	7.2	0.6	0.3	404	<0.01	0.09	2.2
E5544512 (5558409)	9.1	246	11.0	3.7	<0.001	0.181	0.26	4.3	0.4	<0.2	156	<0.01	0.02	2.4
E5544513 (5558410)	5.3	173	6.5	2.2	<0.001	0.071	0.27	3.3	0.2	<0.2	72.7	<0.01	0.02	1.2
E5544514 (5558411)	4.6	430	6.9	4.0	<0.001	0.056	0.44	4.8	0.3	<0.2	50.0	<0.01	0.05	2.0
E5577410 (5558412)	12.3	179	7.1	0.9	<0.001	0.254	<0.05	18.4	0.6	<0.2	1860	<0.01	0.04	0.5
E5577411 (5558413)	<0.2	710	0.7	0.8	<0.001	0.234	<0.05	1.3	<0.2	<0.2	877	<0.01	0.02	0.5
E5578260 (5558414)	44.5	501	15.7	7.1	0.003	0.073	0.50	9.0	1.7	<0.2	63.2	<0.01	0.17	3.3
E5578261 (5558415)	50.1	427	115	5.0	<0.001	0.078	4.31	7.4	1.1	<0.2	40.3	<0.01	0.05	6.5
E5578262 (5558416)	15.3	1310	545	2.7	0.002	0.176	38.4	9.9	3.4	0.2	104	<0.01	0.21	10.9
E5578263 (5558417)	<0.2	281	17.7	3.9	<0.001	0.357	0.99	3.2	0.5	<0.2	1850	<0.01	0.03	2.7
E5578264 (5558418)	<0.2	228	2.7	0.8	<0.001	0.411	0.12	0.7	0.2	<0.2	1840	<0.01	0.04	0.5
E5578265 (5558419)	2.7	329	6.5	4.7	<0.001	0.377	0.21	3.0	0.2	<0.2	1850	<0.01	0.03	2.9
E5578266 (5558420)	0.4	394	2.2	5.5	<0.001	0.258	0.08	5.1	0.3	<0.2	1350	<0.01	0.02	4.1
E5578267 (5558421)	<0.2	287	3.3	2.0	<0.001	0.482	0.11	2.1	0.4	<0.2	1960	<0.01	0.03	1.4
E5578268 (5558422)	6.6	343	14.2	6.2	<0.001	0.134	0.15	4.8	<0.2	0.3	288	<0.01	0.02	3.0
E5578269 (5558423)	43.8	570	11.2	7.1	<0.001	0.036	0.13	16.0	0.3	0.4	42.8	<0.01	0.05	2.4
E5578270 (5558424)	17.6	256	35.1	10.7	0.001	0.254	0.11	14.2	0.8	0.4	472	<0.01	0.06	2.2
E5578271 (5558425)	28.5	69	6.4	2.3	<0.001	0.240	0.08	3.3	0.4	<0.2	232	<0.01	0.03	0.4
E5578272 (5558426)	29.3	1670	3.9	2.2	0.001	0.275	0.11	16.0	0.6	<0.2	439	<0.01	<0.01	1.8
E5578610 (5558427)	24.7	538	34.5	8.1	0.001	0.125	1.04	3.9	0.3	<0.2	41.1	<0.01	0.04	6.4
E5578611 (5558428)	1.0	233	5.7	2.0	<0.001	0.382	0.11	2.3	0.4	<0.2	1060	<0.01	<0.01	2.7
E5578612 (5558429)	<0.2	220	3.7	0.7	<0.001	0.402	<0.05	0.6	<0.2	<0.2	1060	<0.01	0.02	0.5
E5578613 (5558430)	<0.2	243	5.0	1.1	<0.001	0.358	0.05	1.7	0.3	<0.2	1010	<0.01	0.01	1.8
E5578614 (5558431)	<0.2	244	3.1	0.6	<0.001	0.410	0.08	0.8	0.4	<0.2	1760	<0.01	0.02	0.9
E5578615 (5558432)	<0.2	155	4.9	0.8	<0.001	0.415	0.06	1.2	0.5	<0.2	1710	<0.01	0.01	1.4

Certified By:

*Y. Chen*



# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y861886

PROJECT NO: KTL-14514-YT

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

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

### (201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 10, 2014

DATE RECEIVED: Jul 10, 2014

DATE REPORTED: Jul 29, 2014

SAMPLE TYPE: Rock

Analyte:	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
Unit:	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.1
Sample ID (AGAT ID)														
E5578616 (5558433)	<0.2	864	4.2	0.7	<0.001	0.365	0.11	1.3	0.3	<0.2	1190	<0.01	0.02	1.2
E5578617 (5558434)	<0.2	89	3.3	1.5	<0.001	0.352	0.06	1.4	<0.2	<0.2	1580	<0.01	<0.01	1.2
E5578618 (5558435)	<0.2	414	5.3	3.8	<0.001	0.288	<0.05	2.5	0.3	<0.2	1000	<0.01	0.02	2.6
E5578619 (5558436)	1.3	921	3.8	4.8	<0.001	0.330	0.06	3.3	0.2	<0.2	1120	<0.01	<0.01	2.8
E5578620 (5558437)	44.4	6240	171	13.6	0.004	2.49	6.09	4.2	2.0	0.3	272	<0.01	0.37	10.1
E5578621 (5558438)	37.0	687	25.5	10.0	<0.001	0.441	0.83	6.1	0.4	0.2	36.4	<0.01	0.05	6.6
E5578998 (5558439)	18.8	1130	0.9	1.6	<0.001	0.029	0.07	2.0	0.2	<0.2	55.5	<0.01	0.02	0.8
E5578999 (5558440)	<0.2	132	1.0	2.1	<0.001	0.108	0.05	1.8	<0.2	<0.2	148	<0.01	<0.01	0.9
E5579000 (5558441)	<0.2	73	9.3	0.5	0.001	3.15	0.46	1.9	1.0	<0.2	54.0	<0.01	<0.01	0.3
E5579001 (5558442)	<0.2	<10	6.6	0.9	<0.001	0.407	0.10	1.1	0.3	<0.2	489	<0.01	0.02	0.6
E5579002 (5558443)	21.1	92	2.6	0.2	<0.001	0.326	<0.05	3.7	0.5	<0.2	69.8	<0.01	0.03	0.2
E5579003 (5558444)	36.7	2530	5.9	2.8	<0.001	1.08	0.13	18.0	1.3	0.4	273	<0.01	0.06	3.5
E5577560 (5558445)	43.0	323	4.0	1.5	<0.001	0.402	<0.05	22.9	0.4	<0.2	289	<0.01	0.04	0.7
E5577561 (5558446)	52.6	581	7.2	2.7	<0.001	0.055	0.14	19.7	0.4	0.2	144	<0.01	0.11	1.9
E5577562 (5558447)	6.7	375	10.4	4.5	<0.001	0.177	0.38	6.2	1.1	0.3	86.4	<0.01	0.03	3.7
E5577564 (5558448)	1.2	172	3.1	2.5	<0.001	0.068	0.07	2.4	<0.2	<0.2	66.4	<0.01	0.01	1.3
E5578622 (5558449)	16.3	537	9.8	12.4	0.005	0.059	0.28	7.6	0.4	0.8	12.5	<0.01	0.07	6.7
E5578623 (5558450)	19.3	1260	21.0	9.5	0.013	0.130	0.76	7.6	1.5	0.8	18.1	<0.01	0.07	8.1
E5578624 (5558451)	2.5	188	12.5	1.9	0.005	1.54	0.32	1.7	0.4	<0.2	271	<0.01	0.01	1.3
E5578625 (5558452)	18.4	1850	8.8	9.1	0.006	0.083	0.31	7.6	0.5	0.8	14.6	<0.01	0.05	8.9
E5578626 (5558453)	14.0	395	7.2	8.9	0.008	0.042	0.18	6.7	0.4	0.6	5.3	<0.01	0.05	5.4
E5578627 (5558454)	20.6	1940	7.4	9.9	0.005	0.097	0.16	7.2	0.4	0.8	14.1	<0.01	0.03	10.0
E5578628 (5558455)	5.5	152	3.8	3.1	0.011	0.282	0.14	2.7	0.6	<0.2	382	<0.01	0.01	1.9
E5578629 (5558456)	7.3	229	9.8	6.1	0.002	0.034	0.17	4.5	0.2	0.4	10.9	<0.01	0.03	2.7
E5578630 (5558457)	5.5	150	3.4	4.2	<0.001	0.435	0.05	3.5	0.3	<0.2	455	<0.01	0.02	1.3
E5578631 (5558458)	5.2	236	3.0	1.8	<0.001	0.927	<0.05	2.1	0.3	<0.2	642	<0.01	0.03	0.8

Certified By:

*Y. Chen*



# Certificate of Analysis

AGAT WORK ORDER: 14Y861886

PROJECT NO: KTL-14514-YT

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

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

**(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish**

DATE SAMPLED: Jul 10, 2014

DATE RECEIVED: Jul 10, 2014

DATE REPORTED: Jul 29, 2014

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte:	Ti	Ti	U	V	W	Y	Zn	Zr
	Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	RDL:	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
E5578960 (5558369)		<0.005	0.03	0.10	147	<0.05	9.79	30.0	3.0
E5578961 (5558370)		<0.005	0.03	0.14	5.3	<0.05	12.3	18.9	3.1
E5578962 (5558371)		<0.005	0.15	0.69	9.1	<0.05	29.5	556	8.9
E5578963 (5558372)		<0.005	0.13	0.43	74.5	<0.05	3.57	65.8	2.3
E5578964 (5558373)		<0.005	0.22	0.76	7.2	<0.05	4.13	31.1	10.3
E5578965 (5558374)		<0.005	<0.01	0.13	1.8	<0.05	1.71	0.9	1.3
E5578966 (5558375)		<0.005	0.04	0.10	62.0	0.07	13.3	89.7	1.1
E5578967 (5558376)		<0.005	0.01	<0.05	32.6	<0.05	35.4	18.0	0.7
E5578968 (5558377)		<0.005	0.04	0.15	115	<0.05	11.4	776	1.4
E5578969 (5558378)		<0.005	0.02	0.26	13.7	<0.05	8.84	35.3	4.3
E5578970 (5558379)		<0.005	0.03	0.10	155	<0.05	10.1	76.0	3.2
E5578971 (5558380)		<0.005	0.02	0.10	5.1	<0.05	1.13	5.3	3.7
E5578972 (5558381)		<0.005	0.09	1.84	23.1	<0.05	20.9	81.1	17.5
E5578973 (5558382)		<0.005	0.10	0.71	13.3	<0.05	5.47	41.1	10.7
E5578974 (5558383)		<0.005	0.18	0.53	47.9	<0.05	1.81	82.4	8.7
E5578975 (5558384)		<0.005	0.11	0.40	12.9	<0.05	1.80	3.2	14.1
E5578976 (5558385)		<0.005	0.20	0.26	43.1	<0.05	3.54	87.0	5.8
E5578977 (5558386)		<0.005	0.06	0.40	9.5	<0.05	2.22	8.5	21.0
E5578978 (5558387)		<0.005	0.02	0.22	3.6	<0.05	6.73	33.3	2.2
E5578979 (5558388)		<0.005	0.02	0.17	8.2	<0.05	3.62	42.4	2.0
E5578980 (5558389)		<0.005	0.17	0.39	13.1	<0.05	1.11	0.8	19.0
E5578981 (5558390)		<0.005	0.13	4.93	54.4	<0.05	7.36	126	2.1
E5578982 (5558391)		<0.005	0.10	4.43	9.1	0.08	96.9	1260	26.1
E5578983 (5558392)		<0.005	1.90	0.55	11.4	0.09	4.50	76.6	7.9
E5578984 (5558393)		<0.005	0.01	0.08	1.1	<0.05	1.69	2.7	0.8
E5578985 (5558394)		<0.005	0.05	9.07	60.5	<0.05	13.1	50.2	7.5
E5578986 (5558395)		<0.005	<0.01	0.07	2.7	<0.05	0.22	2.1	0.9
E5578987 (5558396)		<0.005	0.01	0.14	2.8	<0.05	7.18	23.5	0.8
E5578988 (5558397)		<0.005	0.07	1.31	16.3	<0.05	13.3	74.9	16.7
E5578989 (5558398)		<0.005	0.13	1.19	12.8	<0.05	3.19	65.9	16.3
E5578990 (5558399)		<0.005	0.06	0.69	16.9	<0.05	2.64	65.7	12.4
E5578991 (5558400)		<0.005	0.05	0.68	12.6	<0.05	2.62	90.5	8.9

Certified By:



# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y861886

PROJECT NO: KTL-14514-YT

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

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

### (201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 10, 2014		DATE RECEIVED: Jul 10, 2014				DATE REPORTED: Jul 29, 2014			SAMPLE TYPE: Rock
Analyte:	Ti	Ti	U	V	W	Y	Zn	Zr	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5	
Sample ID (AGAT ID)									
E5578992 (5558401)	<0.005	0.12	0.49	7.5	<0.05	3.45	3.3	17.9	
E5578993 (5558402)	<0.005	0.05	3.60	34.8	<0.05	5.16	44.9	11.7	
E5578994 (5558403)	<0.005	0.05	0.60	12.2	<0.05	9.37	40.6	6.0	
E5578995 (5558404)	<0.005	0.06	0.11	92.2	<0.05	12.7	91.0	0.9	
E5578996 (5558405)	<0.005	0.08	0.81	28.8	<0.05	6.05	27.7	18.4	
E5578997 (5558406)	<0.005	0.24	0.39	6.7	<0.05	2.48	19.6	10.0	
E5544510 (5558407)	<0.005	0.03	0.25	9.3	<0.05	13.5	24.8	5.1	
E5544511 (5558408)	<0.005	0.05	0.28	43.7	<0.05	23.5	60.7	2.5	
E5544512 (5558409)	<0.005	0.05	0.39	11.6	<0.05	14.6	46.6	6.0	
E5544513 (5558410)	<0.005	0.04	0.16	8.8	<0.05	10.4	23.9	2.9	
E5544514 (5558411)	<0.005	0.04	0.32	22.6	<0.05	7.61	54.9	5.1	
E5577410 (5558412)	<0.005	0.01	0.07	115	<0.05	34.4	23.7	1.0	
E5577411 (5558413)	<0.005	<0.01	0.38	12.5	<0.05	1.89	<0.5	3.0	
E5578260 (5558414)	<0.005	0.21	0.49	44.6	<0.05	6.61	88.3	5.8	
E5578261 (5558415)	<0.005	0.07	10.8	11.3	<0.05	8.89	95.4	15.3	
E5578262 (5558416)	<0.005	0.09	8.14	44.7	<0.05	4.13	278	13.6	
E5578263 (5558417)	<0.005	0.04	2.40	5.6	<0.05	8.56	10.6	8.5	
E5578264 (5558418)	<0.005	0.01	2.60	2.6	<0.05	3.58	<0.5	2.6	
E5578265 (5558419)	<0.005	0.04	2.77	5.8	<0.05	10.3	27.2	9.3	
E5578266 (5558420)	<0.005	0.04	1.89	8.3	<0.05	11.1	25.1	14.3	
E5578267 (5558421)	<0.005	0.02	2.31	4.0	<0.05	7.93	<0.5	7.1	
E5578268 (5558422)	<0.005	0.05	0.65	29.0	<0.05	9.20	46.0	6.8	
E5578269 (5558423)	0.015	0.06	0.25	128	<0.05	11.6	79.1	2.2	
E5578270 (5558424)	<0.005	0.08	0.20	57.8	<0.05	25.8	40.4	4.3	
E5578271 (5558425)	<0.005	0.08	0.65	50.8	<0.05	6.80	56.6	2.2	
E5578272 (5558426)	0.005	0.03	0.16	187	0.24	18.8	64.5	1.5	
E5578610 (5558427)	<0.005	0.07	1.07	29.5	0.06	4.50	97.5	12.4	
E5578611 (5558428)	<0.005	0.02	11.1	9.7	<0.05	5.44	9.3	10.0	
E5578612 (5558429)	<0.005	<0.01	5.62	3.7	<0.05	4.04	3.4	3.2	
E5578613 (5558430)	<0.005	0.01	8.63	7.2	<0.05	5.53	5.4	7.5	
E5578614 (5558431)	<0.005	0.03	7.36	4.2	<0.05	3.29	0.8	4.8	
E5578615 (5558432)	<0.005	0.01	3.46	6.3	<0.05	4.84	6.6	5.7	

Certified By:

*Y. Chen.*



**AGAT** Laboratories

# Certificate of Analysis

AGAT WORK ORDER: 14Y861886

PROJECT NO: KTL-14514-YT

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

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

## (201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 10, 2014

DATE RECEIVED: Jul 10, 2014

DATE REPORTED: Jul 29, 2014

SAMPLE TYPE: Rock

Analyte:	Ti	Ti	U	V	W	Y	Zn	Zr
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
Sample ID (AGAT ID)								
E5578616 (5558433)	<0.005	<0.01	5.74	3.5	<0.05	10.2	7.0	5.9
E5578617 (5558434)	<0.005	0.02	4.40	6.9	<0.05	3.95	2.8	7.3
E5578618 (5558435)	<0.005	0.02	4.39	8.0	<0.05	7.00	6.4	12.3
E5578619 (5558436)	<0.005	0.03	2.38	8.2	<0.05	9.85	10.7	10.5
E5578620 (5558437)	<0.005	0.18	2.20	25.1	<0.05	20.0	76.9	13.8
E5578621 (5558438)	<0.005	0.08	1.42	17.9	<0.05	9.55	71.5	16.3
E5578998 (5558439)	<0.005	0.06	0.14	5.1	<0.05	8.65	54.0	3.2
E5578999 (5558440)	<0.005	0.03	0.19	5.7	<0.05	4.29	11.6	2.7
E5579000 (5558441)	<0.005	0.01	<0.05	11.7	0.06	3.42	11.8	1.5
E5579001 (5558442)	<0.005	0.02	0.49	5.1	<0.05	10.0	12.1	1.8
E5579002 (5558443)	<0.005	0.02	0.17	32.5	0.06	13.4	32.5	0.8
E5579003 (5558444)	0.014	0.06	0.40	269	<0.05	19.3	73.9	3.0
E5577560 (5558445)	<0.005	0.02	0.08	221	<0.05	8.46	83.0	0.9
E5577561 (5558446)	0.006	0.02	0.09	286	<0.05	8.18	90.2	1.9
E5577562 (5558447)	<0.005	0.10	0.35	36.2	<0.05	21.1	473	5.0
E5577564 (5558448)	<0.005	0.03	0.19	9.3	<0.05	6.04	21.6	4.8
E5578622 (5558449)	0.005	0.11	1.08	52.6	<0.05	8.40	72.0	13.5
E5578623 (5558450)	0.005	0.16	1.74	58.9	<0.05	10.7	81.1	15.7
E5578624 (5558451)	<0.005	0.05	2.31	32.6	<0.05	3.68	7.9	5.1
E5578625 (5558452)	0.005	0.09	1.08	46.6	<0.05	12.6	68.9	9.7
E5578626 (5558453)	<0.005	0.10	1.37	45.5	<0.05	7.93	66.9	10.9
E5578627 (5558454)	<0.005	0.09	1.55	39.4	<0.05	11.7	67.5	8.1
E5578628 (5558455)	<0.005	0.09	2.35	25.2	<0.05	7.21	14.4	5.9
E5578629 (5558456)	<0.005	0.08	0.23	34.4	<0.05	3.58	60.6	6.8
E5578630 (5558457)	<0.005	0.04	0.37	12.6	<0.05	8.68	39.9	3.4
E5578631 (5558458)	<0.005	0.03	0.28	6.6	<0.05	8.32	13.8	2.9

Comments: RDL - Reported Detection Limit

**Certified By:**

*Y. Chen.*



# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y861886

PROJECT NO: KTL-14514-YT

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

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 10, 2014

DATE RECEIVED: Jul 10, 2014

DATE REPORTED: Jul 29, 2014

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit: RDL:	kg	ppm
E5578960 (5558369)		0.35	0.004
E5578961 (5558370)		0.35	0.003
E5578962 (5558371)		0.46	0.004
E5578963 (5558372)		0.65	0.011
E5578964 (5558373)		0.38	0.042
E5578965 (5558374)		0.68	0.003
E5578966 (5558375)		0.39	0.003
E5578967 (5558376)		0.44	0.003
E5578968 (5558377)		0.40	0.002
E5578969 (5558378)		0.64	0.001
E5578970 (5558379)		0.52	0.001
E5578971 (5558380)		0.45	0.002
E5578972 (5558381)		0.49	0.009
E5578973 (5558382)		0.36	0.006
E5578974 (5558383)		0.37	0.009
E5578975 (5558384)		0.32	0.018
E5578976 (5558385)		0.58	0.007
E5578977 (5558386)		0.49	0.006
E5578978 (5558387)		0.30	0.002
E5578979 (5558388)		0.45	0.002
E5578980 (5558389)		0.52	0.008
E5578981 (5558390)		0.40	0.007
E5578982 (5558391)		0.48	0.002
E5578983 (5558392)		0.53	0.004
E5578984 (5558393)		0.57	0.002
E5578985 (5558394)		0.27	0.002
E5578986 (5558395)		0.49	0.001
E5578987 (5558396)		0.59	0.001
E5578988 (5558397)		0.55	0.017
E5578989 (5558398)		0.44	0.003
E5578990 (5558399)		0.42	0.003

Certified By:

*Y. Chen*



**AGAT** Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y861886

PROJECT NO: KTL-14514-YT

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

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 10, 2014

DATE RECEIVED: Jul 10, 2014

DATE REPORTED: Jul 29, 2014

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	RDL:	0.01	0.001
E5578991 (5558400)		0.30	0.001
E5578992 (5558401)		0.31	0.004
E5578993 (5558402)		0.30	0.044
E5578994 (5558403)		0.76	0.003
E5578995 (5558404)		0.57	0.008
E5578996 (5558405)		0.50	0.029
E5578997 (5558406)		0.41	0.005
E5544510 (5558407)		0.76	0.001
E5544511 (5558408)		0.95	0.003
E5544512 (5558409)		0.54	0.002
E5544513 (5558410)		1.03	0.002
E5544514 (5558411)		0.64	0.002
E5577410 (5558412)		0.53	0.002
E5577411 (5558413)		0.97	<0.001
E5578260 (5558414)		0.30	0.004
E5578261 (5558415)		0.17	0.005
E5578262 (5558416)		0.32	0.026
E5578263 (5558417)		0.57	0.003
E5578264 (5558418)		0.40	0.002
E5578265 (5558419)		0.27	<0.001
E5578266 (5558420)		0.39	0.001
E5578267 (5558421)		0.57	0.002
E5578268 (5558422)		0.14	0.002
E5578269 (5558423)		0.20	0.004
E5578270 (5558424)		0.07	0.003
E5578271 (5558425)		0.08	<0.001
E5578272 (5558426)		1.30	0.018
E5578610 (5558427)		0.35	0.002
E5578611 (5558428)		0.58	0.002
E5578612 (5558429)		0.27	0.002
E5578613 (5558430)		0.35	0.002

Certified By:



**AGAT** Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y861886

PROJECT NO: KTL-14514-YT

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

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 10, 2014

DATE RECEIVED: Jul 10, 2014

DATE REPORTED: Jul 29, 2014

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	RDL:	0.01	0.001
E5578614 (5558431)		0.42	0.003
E5578615 (5558432)		0.31	0.003
E5578616 (5558433)		0.64	0.020
E5578617 (5558434)		0.28	0.031
E5578618 (5558435)		0.47	0.003
E5578619 (5558436)		0.64	0.003
E5578620 (5558437)		0.36	0.011
E5578621 (5558438)		0.38	0.004
E5578998 (5558439)		0.41	0.003
E5578999 (5558440)		0.49	0.002
E5579000 (5558441)		0.59	0.001
E5579001 (5558442)		0.35	0.001
E5579002 (5558443)		0.50	0.005
E5579003 (5558444)		0.41	0.003
E5577560 (5558445)		0.67	0.002
E5577561 (5558446)		0.26	0.005
E5577562 (5558447)		0.14	0.008
E5577564 (5558448)		0.40	0.003
E5578622 (5558449)		0.43	0.005
E5578623 (5558450)		0.52	0.024
E5578624 (5558451)		0.39	0.004
E5578625 (5558452)		0.53	0.005
E5578626 (5558453)		0.52	0.004
E5578627 (5558454)		0.39	0.002
E5578628 (5558455)		0.41	0.003
E5578629 (5558456)		0.52	0.003
E5578630 (5558457)		0.46	0.003
E5578631 (5558458)		0.45	0.003

Comments: RDL - Reported Detection Limit

Certified By:





CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

### (201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	5558372	0.143	0.168	16.1%	5558393	0.01	< 0.01		5558421	0.02	0.02	0.0%	5558443	0.03	0.03	0.0%
Al	5558372	1.70	1.72	1.2%	5558393	0.01	0.01	0.0%	5558421	0.16	0.16	0.0%	5558443	0.07	0.07	0.0%
As	5558372	48.9	49.4	1.0%	5558393	0.2	0.3		5558421	3.3	2.6	23.7%	5558443	0.3	< 0.1	
B	5558372	< 5	< 5	0.0%	5558393	< 5	< 5	0.0%	5558421	< 5	< 5	0.0%	5558443	< 5	< 5	0.0%
Ba	5558372	37	37	0.0%	5558393	7	7	0.0%	5558421	36	35	2.8%	5558443	211	217	2.8%
Be	5558372	0.238	0.223	6.5%	5558393	0.42	0.42	0.0%	5558421	0.191	0.161	17.0%	5558443	0.561	0.579	3.2%
Bi	5558372	0.18	0.18	0.0%	5558393	< 0.01	< 0.01	0.0%	5558421	0.04	0.04	0.0%	5558443	< 0.01	< 0.01	0.0%
Ca	5558372	0.204	0.205	0.5%	5558393	21.7	21.2	2.3%	5558421	35.5	34.9	1.7%	5558443	31.8	32.6	2.5%
Cd	5558372	0.83	0.84	1.2%	5558393	0.126	0.120	4.9%	5558421	0.03	0.03	0.0%	5558443	1.14	1.13	0.9%
Ce	5558372	21.3	21.4	0.5%	5558393	0.63	0.57	10.0%	5558421	10.9	10.8	0.9%	5558443	7.31	7.43	1.6%
Co	5558372	33.5	34.1	1.8%	5558393	0.62	0.53	15.7%	5558421	2.67	2.64	1.1%	5558443	16.8	17.2	2.4%
Cr	5558372	40.6	42.0	3.4%	5558393	< 0.5	< 0.5	0.0%	5558421	< 0.5	< 0.5	0.0%	5558443	1.4	1.0	
Cs	5558372	0.604	0.626	3.6%	5558393	< 0.05	< 0.05	0.0%	5558421	0.11	0.11	0.0%	5558443	0.05	0.05	0.0%
Cu	5558372	139	139	0.0%	5558393	0.6	0.4		5558421	2.9	2.8	3.5%	5558443	3.3	3.4	3.0%
Fe	5558372	17.3	17.6	1.7%	5558393	0.326	0.318	2.5%	5558421	0.545	0.535	1.9%	5558443	3.30	3.36	1.8%
Ga	5558372	8.42	8.52	1.2%	5558393	< 0.05	< 0.05	0.0%	5558421	0.327	0.321	1.9%	5558443	0.563	0.632	11.5%
Ge	5558372	0.16	0.16	0.0%	5558393	< 0.05	< 0.05	0.0%	5558421	< 0.05	< 0.05	0.0%	5558443	< 0.05	< 0.05	0.0%
Hf	5558372	0.048	0.045	6.5%	5558393	0.05	0.02		5558421	0.18	0.18	0.0%	5558443	< 0.02	< 0.02	0.0%
Hg	5558372	0.12	0.12	0.0%	5558393	0.01	< 0.01		5558421	0.01	0.02		5558443	0.04	0.05	22.2%
In	5558372	0.041	0.041	0.0%	5558393	< 0.005	< 0.005	0.0%	5558421	0.010	0.010	0.0%	5558443	0.011	0.010	9.5%
K	5558372	0.11	0.11	0.0%	5558393	< 0.01	< 0.01	0.0%	5558421	0.05	0.05	0.0%	5558443	< 0.01	< 0.01	0.0%
La	5558372	10.7	10.6	0.9%	5558393	0.26	0.23	12.2%	5558421	5.39	5.32	1.3%	5558443	1.92	1.97	2.6%
Li	5558372	17.0	17.5	2.9%	5558393	1.27	1.21	4.8%	5558421	6.2	5.9	5.0%	5558443	0.2	0.2	0.0%
Mg	5558372	0.919	0.928	1.0%	5558393	10.4	10.2	1.9%	5558421	0.340	0.334	1.8%	5558443	1.12	1.13	0.9%
Mn	5558372	790	803	1.6%	5558393	656	653	0.5%	5558421	87	83	4.7%	5558443	2230	2300	3.1%
Mo	5558372	195	198	1.5%	5558393	0.246	0.189	26.2%	5558421	0.274	0.299	8.7%	5558443	0.57	0.52	9.2%
Na	5558372	0.02	0.02	0.0%	5558393	0.01	0.01	0.0%	5558421	< 0.01	< 0.01	0.0%	5558443	< 0.01	< 0.01	0.0%
Nb	5558372	0.11	0.11	0.0%	5558393	0.12	0.07		5558421	< 0.05	< 0.05	0.0%	5558443	< 0.05	< 0.05	0.0%
Ni	5558372	44.7	46.7	4.4%	5558393	0.4	0.4	0.0%	5558421	< 0.2	< 0.2	0.0%	5558443	21.1	20.8	1.4%
P	5558372	456	441	3.3%	5558393	66	55	18.2%	5558421	287	256	11.4%	5558443	92	63	
Pb	5558372	146	149	2.0%	5558393	0.7	0.5		5558421	3.3	3.3	0.0%	5558443	2.6	2.7	3.8%



CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

Rb	5558372	4.47	4.55	1.8%	5558393	0.3	0.2		5558421	2.0	2.0	0.0%	5558443	0.2	0.2	0.0%
Re	5558372	< 0.001	< 0.001	0.0%	5558393	< 0.001	< 0.001	0.0%	5558421	< 0.001	< 0.001	0.0%	5558443	< 0.001	< 0.001	0.0%
S	5558372	0.0598	0.0607	1.5%	5558393	0.219	0.213	2.8%	5558421	0.482	0.468	2.9%	5558443	0.326	0.330	1.2%
Sb	5558372	0.76	0.77	1.3%	5558393	< 0.05	< 0.05	0.0%	5558421	0.11	0.11	0.0%	5558443	< 0.05	< 0.05	0.0%
Sc	5558372	7.12	7.18	0.8%	5558393	0.4	0.3	28.6%	5558421	2.1	2.0	4.9%	5558443	3.7	3.7	0.0%
Se	5558372	7.9	8.0	1.3%	5558393	< 0.2	< 0.2	0.0%	5558421	0.4	0.2		5558443	0.54	0.55	1.8%
Sn	5558372	< 0.2	< 0.2	0.0%	5558393	< 0.2	< 0.2	0.0%	5558421	< 0.2	< 0.2	0.0%	5558443	< 0.2	< 0.2	0.0%
Sr	5558372	12.6	12.9	2.4%	5558393	414	404	2.4%	5558421	1960	1920	2.1%	5558443	69.8	69.4	0.6%
Ta	5558372	< 0.01	< 0.01	0.0%	5558393	< 0.01	< 0.01	0.0%	5558421	< 0.01	< 0.01	0.0%	5558443	< 0.01	< 0.01	0.0%
Te	5558372	0.17	0.19	11.1%	5558393	< 0.01	< 0.01	0.0%	5558421	0.028	0.023	19.6%	5558443	0.029	0.036	21.5%
Th	5558372	1.7	1.7	0.0%	5558393	0.4	0.2		5558421	1.4	1.4	0.0%	5558443	0.2	< 0.1	
Ti	5558372	< 0.005	< 0.005	0.0%	5558393	< 0.005	< 0.005	0.0%	5558421	< 0.005	< 0.005	0.0%	5558443	< 0.005	< 0.005	0.0%
Tl	5558372	0.13	0.13	0.0%	5558393	0.01	< 0.01		5558421	0.02	0.02	0.0%	5558443	0.02	0.02	0.0%
U	5558372	0.432	0.435	0.7%	5558393	0.08	0.08	0.0%	5558421	2.31	2.28	1.3%	5558443	0.17	0.17	0.0%
V	5558372	74.5	75.3	1.1%	5558393	1.14	1.19	4.3%	5558421	3.98	3.81	4.4%	5558443	32.5	32.9	1.2%
W	5558372	< 0.05	< 0.05	0.0%	5558393	< 0.05	< 0.05	0.0%	5558421	< 0.05	< 0.05	0.0%	5558443	0.06	0.06	0.0%
Y	5558372	3.57	3.54	0.8%	5558393	1.69	1.64	3.0%	5558421	7.93	7.72	2.7%	5558443	13.4	13.6	1.5%
Zn	5558372	65.8	65.0	1.2%	5558393	2.74	2.77	1.1%	5558421	< 0.5	< 0.5	0.0%	5558443	32.5	33.5	3.0%
Zr	5558372	2.34	2.36	0.9%	5558393	0.8	< 0.5		5558421	7.06	6.60	6.7%	5558443	0.8	0.7	13.3%

REPLICATE #5																
Parameter	Sample ID	Original	Replicate	RPD												
Ag	5558453	0.02	0.03													
Al	5558453	2.02	1.98	2.0%												
As	5558453	4.4	4.3	2.3%												
B	5558453	< 5	< 5	0.0%												
Ba	5558453	47	49	4.2%												
Be	5558453	0.70	0.66	5.9%												
Bi	5558453	0.463	0.476	2.8%												
Ca	5558453	0.10	0.10	0.0%												
Cd	5558453	0.07	0.07	0.0%												
Ce	5558453	3.69	3.84	4.0%												
Co	5558453	6.8	6.8	0.0%												
Cr	5558453	26.4	24.9	5.8%												
Cs	5558453	1.09	1.13	3.6%												



CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

Cu	5558453	32.9	31.0	5.9%												
Fe	5558453	4.07	4.00	1.7%												
Ga	5558453	6.02	5.95	1.2%												
Ge	5558453	0.12	0.12	0.0%												
Hf	5558453	0.314	0.338	7.4%												
Hg	5558453	0.044	0.048	8.7%												
In	5558453	0.047	0.052	10.1%												
K	5558453	0.188	0.183	2.7%												
La	5558453	1.3	1.3	0.0%												
Li	5558453	30.8	30.5	1.0%												
Mg	5558453	1.10	1.07	2.8%												
Mn	5558453	126	122	3.2%												
Mo	5558453	0.413	0.423	2.4%												
Na	5558453	0.01	0.01	0.0%												
Nb	5558453	< 0.05	< 0.05	0.0%												
Ni	5558453	14.0	13.6	2.9%												
P	5558453	395	398	0.8%												
Pb	5558453	7.2	7.4	2.7%												
Rb	5558453	8.85	8.77	0.9%												
Re	5558453	0.008	0.008	0.0%												
S	5558453	0.042	0.042	0.0%												
Sb	5558453	0.18	0.18	0.0%												
Sc	5558453	6.7	6.9	2.9%												
Se	5558453	0.4	0.4	0.0%												
Sn	5558453	0.6	0.6	0.0%												
Sr	5558453	5.3	5.3	0.0%												
Ta	5558453	< 0.01	< 0.01	0.0%												
Te	5558453	0.05	0.05	0.0%												
Th	5558453	5.4	5.7	5.4%												
Ti	5558453	< 0.005	< 0.005	0.0%												
Tl	5558453	0.103	0.107	3.8%												
U	5558453	1.37	1.40	2.2%												
V	5558453	45.5	46.0	1.1%												
W	5558453	< 0.05	< 0.05	0.0%												



**AGAT** Laboratories

**Quality Assurance - Replicate**

**AGAT WORK ORDER: 14Y861886**

**PROJECT NO: KTL-14514-YT**

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

**CLIENT NAME: AURORA GEOSCIENCES**

**ATTENTION TO: DAVE WHITE, GABE FORTIN**

Y	5558453	7.93	7.92	0.1%												
Zn	5558453	66.9	64.6	3.5%												
Zr	5558453	10.9	11.9	8.8%												
<b>(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)</b>																
	<b>REPLICATE #1</b>				<b>REPLICATE #2</b>				<b>REPLICATE #3</b>				<b>REPLICATE #4</b>			
<b>Parameter</b>	<b>Sample ID</b>	<b>Original</b>	<b>Replicate</b>	<b>RPD</b>	<b>Sample ID</b>	<b>Original</b>	<b>Replicate</b>	<b>RPD</b>	<b>Sample ID</b>	<b>Original</b>	<b>Replicate</b>	<b>RPD</b>	<b>Sample ID</b>	<b>Original</b>	<b>Replicate</b>	<b>RPD</b>
Au	5558443	0.005	0.005	0.0%	5558453	0.004	0.004	0.0%	5558405	0.029	0.028	3.5%	5558421	0.002	0.002	0.0%



CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

### (201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

	CRM #1 (ref.CFRM-100)				CRM #2 (ref.CFRM-100)				CRM #3 (ref.CFRM-100)				CRM #4 (ref.CFRM-100)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Co	180	163	91%	90% - 110%	180	168	93%	90% - 110%	180	187	104%	90% - 110%	180	186	104%	90% - 110%
Cu	3494	3687	106%	90% - 110%	3494	3676	105%	90% - 110%	3494	3695	106%	90% - 110%	3494	3684	105%	90% - 110%
Ni	2985	2821	95%	90% - 110%	2985	2726	91%	90% - 110%	2985	2824	95%	90% - 110%	2985	3074	103%	90% - 110%
	CRM #5 (ref.CFRM-100)				CRM #6 (ref.CFRM-100)											
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Co	180	193	107%	90% - 110%	180	199	110%	90% - 110%								
Cu	3494	3619	104%	90% - 110%	3494	3614	103%	90% - 110%								
Ni	2985	2919	98%	90% - 110%	2985	2803	94%	90% - 110%								

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

	CRM #1 (1P5K)				CRM #2 (GS6D)				CRM #3 (GSP7J)				CRM #4 (1P5K)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	1.44	1.58	109%	90% - 110%	6.09	5.58	91%	90% - 110%	0.722	0.665	92%	90% - 110%	1.44	1.46	102%	90% - 110%

## Method Summary

CLIENT NAME: AURORA GEOSCIENCES

AGAT WORK ORDER: 14Y861886

PROJECT NO: KTL-14514-YT

ATTENTION TO: DAVE WHITE, GABE FORTIN

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
<b>Solid Analysis</b>			
Ag	MIN-200-12017		ICP-MS
Al	MIN-200-12017		ICP/OES
As	MIN-200-12017		ICP-MS
B	MIN-200-12017		ICP/OES
Ba	MIN-200-12017		ICP-MS
Be	MIN-200-12017		ICP-MS
Bi	MIN-200-12017		ICP-MS
Ca	MIN-200-12017		ICP/OES
Cd	MIN-200-12017		ICP-MS
Ce	MIN-200-12017		ICP-MS
Co	MIN-200-12017		ICP-MS
Cr	MIN-200-12017		ICP/OES
Cs	MIN-200-12017		ICP-MS
Cu	MIN-200-12017		ICP-MS
Fe	MIN-200-12017		ICP/OES
Ga	MIN-200-12017		ICP-MS
Ge	MIN-200-12017		ICP-MS
Hf	MIN-200-12017		ICP-MS
Hg	MIN-200-12017		ICP-MS
In	MIN-200-12017		ICP-MS
K	MIN-200-12017		ICP/OES
La	MIN-200-12017		ICP-MS
Li	MIN-200-12017		ICP-MS
Mg	MIN-200-12017		ICP/OES
Mn	MIN-200-12017		ICP/OES
Mo	MIN-200-12017		ICP-MS
Na	MIN-200-12017		ICP/OES
Nb	MIN-200-12017		ICP-MS
Ni	MIN-200-12017		ICP-MS
P	MIN-200-12017		ICP/OES
Pb	MIN-200-12017		ICP-MS
Rb	MIN-200-12017		ICP-MS
Re	MIN-200-12017		ICP-MS
S	MIN-200-12017		ICP/OES
Sb	MIN-200-12017		ICP-MS
Sc	MIN-200-12017		ICP-MS
Se	MIN-200-12017		ICP-MS
Sn	MIN-200-12017		ICP-MS
Sr	MIN-200-12017		ICP-MS
Ta	MIN-200-12017		ICP-MS
Te	MIN-200-12017		ICP-MS
Th	MIN-200-12017		ICP-MS
Ti	MIN-200-12017		ICP/OES
Tl	MIN-200-12017		ICP-MS
U	MIN-200-12017		ICP-MS
V	MIN-200-12017		ICP/OES
W	MIN-200-12017		ICP-MS
Y	MIN-200-12017		ICP-MS
Zn	MIN-200-12017		ICP-MS

## Method Summary

CLIENT NAME: AURORA GEOSCIENCES

AGAT WORK ORDER: 14Y861886

PROJECT NO: KTL-14514-YT

ATTENTION TO: DAVE WHITE, GABE FORTIN

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Zr	MIN-200-12017		ICP-MS
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES