

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

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

**PROJECT NO:**

**AGAT WORK ORDER: 14Y860831**

**SOLID ANALYSIS REVIEWED BY: Ron Cardinal, Certified Assayer - Director - Technical Services (Mining)**

**DATE REPORTED: Jul 21, 2014**

**PAGES (INCLUDING COVER): 45**

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

**\*NOTES**

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



# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y860831

PROJECT NO:

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 08, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.01	0.1	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5
Sample ID (AGAT ID)														
E5544068 (5550142)	0.43	0.17	0.56	25.4	0.007	<5	144	0.75	0.33	1.16	0.89	21.1	25.8	17.4
E5544069 (5550143)	0.46	0.29	1.20	10.8	0.019	<5	295	0.99	0.29	0.52	0.66	37.4	37.0	34.9
E5544070 (5550144)	0.47	0.18	1.99	14.7	0.018	<5	413	0.96	0.27	0.46	0.57	34.2	67.6	41.2
E5544071 (5550145)	0.29	0.14	2.81	14.4	0.028	<5	707	1.02	0.21	0.53	0.44	35.1	53.1	39.4
E5544072 (5550146)	0.46	0.10	2.92	12.8	<0.005	<5	289	1.11	0.31	0.41	0.70	46.1	37.3	40.4
E5544073 (5550147)	0.33	0.45	1.47	17.9	0.022	<5	633	2.80	0.24	0.75	1.71	64.3	53.6	28.4
E5544074 (5550148)	0.38	0.21	1.25	9.8	0.012	<5	325	1.32	0.24	0.93	0.91	33.2	45.5	36.7
E5544075 (5550149)	0.05	0.12	1.38	4.8	<0.005	5	113	0.16	0.06	1.12	0.17	9.88	8.4	38.1
E5544076 (5550150)	0.33	0.12	2.59	6.9	<0.005	<5	409	1.22	0.26	0.78	0.59	38.7	43.0	38.5
E5578454 (5550151)	0.40	0.14	1.60	10.5	<0.005	<5	145	0.47	0.29	0.24	0.59	22.5	23.1	34.6
E5578455 (5550152)	0.38	0.12	1.23	15.4	<0.005	<5	178	0.76	0.24	2.46	0.41	16.8	11.9	17.1
E5578456 (5550153)	0.43	0.13	1.16	16.7	<0.005	<5	117	0.72	0.24	2.78	0.56	22.0	12.4	16.2
E5578457 (5550154)	0.49	0.18	1.25	28.3	<0.005	<5	219	0.83	0.30	1.97	0.52	24.8	16.9	17.8
E5578458 (5550155)	0.45	0.21	2.05	13.4	0.010	<5	243	0.80	0.27	0.86	0.59	36.5	33.6	32.8
E5578459 (5550156)	0.33	0.19	1.75	12.1	0.010	<5	304	0.83	0.25	1.47	0.45	32.0	23.1	29.1
E5578553 (5550157)	0.45	0.31	1.44	16.5	<0.005	<5	97	0.54	0.39	0.06	0.27	36.6	37.5	24.8
E5578554 (5550158)	0.40	0.23	1.88	25.7	<0.005	<5	177	0.91	0.35	0.34	0.38	44.7	64.2	29.2
E5578555 (5550159)	0.38	0.11	1.77	31.9	<0.005	<5	135	0.74	0.35	0.10	0.38	28.2	85.0	29.0
E5578556 (5550160)	0.38	0.16	1.43	70.7	<0.005	<5	62	0.43	0.34	0.03	0.33	21.8	12.4	21.6
E5578557 (5550161)	0.25	0.28	1.06	42.9	<0.005	<5	69	0.42	0.28	0.03	0.52	24.4	27.5	13.2
E5578558 (5550162)	0.49	0.09	1.74	14.8	<0.005	<5	103	0.41	0.28	0.06	0.20	28.6	11.4	27.6
E5578559 (5550163)	0.53	0.08	1.19	59.7	<0.005	<5	55	0.59	0.34	0.09	0.29	36.9	30.4	16.7
E5578589 (5550164)	0.40	0.21	2.62	4.4	0.014	<5	440	0.78	0.20	1.84	0.43	31.6	28.6	43.4
E5578590 (5550165)	0.35	0.22	2.82	3.1	0.017	<5	463	0.90	0.24	1.33	0.40	35.3	31.1	45.9
E5578591 (5550166)	0.13	0.22	2.65	5.6	0.016	<5	535	0.83	0.20	1.58	0.34	27.0	25.6	45.3
E5578592 (5550167)	0.12	0.18	1.40	11.7	0.009	<5	335	0.61	0.22	2.19	0.27	18.6	19.4	27.2
E5578593 (5550168)	0.11	0.20	1.58	8.1	0.011	<5	483	0.69	0.20	1.89	0.34	21.3	18.6	29.4
E5578594 (5550169)	0.12	0.17	2.29	6.9	0.008	<5	632	1.14	0.26	1.00	0.26	26.0	25.3	32.0
E5578595 (5550170)	0.16	0.14	1.62	10.0	<0.005	<5	113	0.68	0.24	1.66	0.18	16.1	15.8	24.6
E5578596 (5550171)	0.31	0.14	1.05	27.4	<0.005	<5	113	0.69	0.25	2.23	0.47	15.7	15.8	17.7
E5578597 (5550172)	0.24	0.13	1.43	20.3	<0.005	<5	212	0.66	0.26	1.55	0.48	19.6	19.0	23.3

Certified By:

*Ron Cardinal*



# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y860831

PROJECT NO:

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 08, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.01	0.1	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5
Sample ID (AGAT ID)														
E5578598 (5550173)	0.19	0.13	1.58	13.7	<0.005	<5	355	0.59	0.23	2.06	0.34	16.9	18.4	25.4
E5578599 (5550174)	0.13	0.17	1.76	7.0	0.015	<5	355	0.65	0.18	1.44	0.31	22.8	23.6	31.1
E5578600 (5550175)	0.07	1.22	1.00	3.7	0.048	24	15	<0.05	0.50	0.42	0.61	2.33	327	1330
E5578601 (5550176)	0.23	0.22	1.30	15.9	<0.005	<5	179	0.64	0.25	2.60	0.66	19.3	19.6	20.4
E5578602 (5550177)	0.13	0.16	1.50	11.5	0.005	<5	182	0.70	0.22	1.97	0.56	20.6	19.7	24.8
E5578603 (5550178)	0.19	0.15	1.21	26.2	<0.005	<5	98	0.65	0.28	1.98	0.64	15.3	17.8	20.4
E5577253 (5550179)	0.30	0.15	2.60	39.3	<0.005	<5	160	1.10	0.22	0.67	0.64	41.2	88.1	49.9
E5577254 (5550180)	0.34	0.07	3.09	15.8	<0.005	<5	185	1.09	0.26	0.51	0.54	40.9	84.4	54.4
E5577255 (5550181)	0.40	0.30	2.85	23.6	<0.005	<5	109	0.88	0.23	0.53	0.39	39.5	56.8	56.4
E5577256 (5550182)	0.32	0.10	2.39	17.8	<0.005	<5	142	0.74	0.22	0.34	0.21	27.5	35.7	46.8
E5577257 (5550183)	0.24	0.10	2.14	30.7	<0.005	<5	135	0.81	0.24	0.35	0.27	24.7	28.5	39.5
E5577258 (5550184)	0.34	0.08	1.86	23.3	<0.005	<5	109	0.83	0.29	0.21	0.28	25.1	36.9	31.4
E5577259 (5550185)	0.47	0.12	1.05	70.9	<0.005	<5	60	1.03	0.40	0.60	1.33	27.2	43.2	15.2
E5577660 (5550186)	0.48	0.20	0.84	76.5	0.005	<5	59	0.36	0.36	0.01	0.12	20.3	25.0	18.0
E5577661 (5550187)	0.44	0.10	1.72	24.0	<0.005	<5	70	0.60	0.34	0.11	0.16	35.5	26.9	27.6
E5577662 (5550188)	0.37	0.27	1.16	15.9	0.005	<5	77	0.45	0.31	0.09	0.39	22.7	17.1	26.0
E5577663 (5550189)	0.33	0.10	1.68	28.2	<0.005	<5	82	0.57	0.33	0.12	0.17	32.6	25.3	31.7
E5577664 (5550190)	0.34	0.14	1.45	32.0	<0.005	<5	54	0.54	0.41	0.05	0.28	30.8	18.5	27.4
E5577665 (5550191)	0.39	0.26	0.87	88.0	<0.005	<5	75	0.42	0.43	0.42	0.24	26.7	17.8	21.3
E5577666 (5550192)	0.35	0.14	1.52	37.7	<0.005	<5	60	0.61	0.33	0.03	0.13	28.4	17.9	25.7
E5577667 (5550193)	0.45	0.13	1.48	39.0	0.005	<5	77	0.59	0.28	0.06	0.17	27.9	20.3	23.8
E5577668 (5550194)	0.40	0.13	1.38	48.6	<0.005	<5	86	0.58	0.31	0.26	0.25	26.9	33.4	24.1
E5577669 (5550195)	0.46	0.10	2.30	53.4	<0.005	<5	74	0.70	0.25	0.22	0.22	40.3	44.3	36.9
E5577670 (5550196)	0.44	0.10	2.37	36.8	<0.005	<5	124	0.63	0.23	0.21	0.38	41.9	37.2	39.6
E5577671 (5550197)	0.43	0.09	2.49	25.1	<0.005	<5	110	0.63	0.22	0.13	0.35	32.6	40.1	42.5
E5577672 (5550198)	0.36	0.06	2.38	24.5	<0.005	<5	83	0.51	0.23	0.12	0.25	27.6	27.6	44.2
E5577673 (5550199)	0.34	0.11	2.39	18.9	<0.005	<5	108	0.62	0.24	0.51	0.69	30.5	43.2	46.7
E5577674 (5550200)	0.50	0.05	2.57	25.8	<0.005	<5	99	0.59	0.22	0.09	0.22	32.0	38.2	44.5
E5577675 (5550201)	0.05	0.10	1.40	5.2	<0.005	<5	114	0.15	0.05	1.18	0.16	10.2	9.0	40.1
E5577676 (5550202)	0.42	0.14	2.39	40.3	<0.005	<5	96	0.72	0.31	0.19	0.58	32.7	35.2	45.0
E5577677 (5550203)	0.46	0.08	2.28	30.3	<0.005	<5	148	0.68	0.26	0.23	0.40	39.2	43.0	41.6

Certified By:

*Ron Cardinal*



## Certificate of Analysis

AGAT WORK ORDER: 14Y860831

PROJECT NO:

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 08, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.01	0.1	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5
Sample ID (AGAT ID)														
E5577678 (5550204)	0.44	0.12	2.22	23.3	<0.005	<5	122	0.66	0.24	0.11	0.75	33.1	53.2	38.2
E5577679 (5550205)	0.52	0.08	2.20	17.6	<0.005	<5	119	0.57	0.24	0.41	0.24	35.7	47.6	41.0
E5578410 (5550206)	0.23	0.10	1.56	6.8	<0.005	<5	106	0.43	0.21	0.10	0.44	29.1	21.4	35.7
E5578411 (5550207)	0.34	0.09	2.01	7.0	<0.005	<5	129	0.54	0.23	0.09	0.44	35.0	34.0	38.9
E5578412 (5550208)	0.35	0.12	2.05	9.9	0.005	<5	177	0.66	0.30	0.45	0.53	35.1	21.2	32.2
E5578413 (5550209)	0.48	0.09	2.35	8.2	<0.005	<5	130	0.67	0.28	0.08	0.51	37.8	43.0	44.0
E5578414 (5550210)	0.35	0.07	2.38	8.4	0.007	<5	268	0.80	0.20	0.31	0.43	34.8	34.1	37.3
E5578415 (5550211)	0.32	0.10	1.73	9.6	<0.005	<5	126	0.43	0.28	0.07	0.22	24.1	14.6	31.7
E5578416 (5550212)	0.33	0.06	2.29	9.6	<0.005	<5	138	0.56	0.26	0.10	0.23	28.4	14.4	34.7
E5578417 (5550213)	0.32	0.09	1.96	8.7	<0.005	<5	99	0.40	0.29	0.05	0.30	27.8	15.8	34.7
E5578418 (5550214)	0.35	0.06	2.23	7.5	<0.005	<5	107	0.47	0.30	0.05	0.31	29.7	20.9	38.5
E5578419 (5550215)	0.46	0.05	2.33	11.1	<0.005	<5	105	0.48	0.27	0.09	0.24	31.0	16.9	39.6
E5544077 (5550216)	0.41	0.14	0.27	20.5	<0.005	<5	29	0.58	0.30	3.46	0.09	8.68	12.9	4.2
E5544078 (5550217)	0.56	0.17	0.29	23.9	<0.005	<5	30	0.57	0.31	1.60	0.07	8.27	12.5	3.4
E5544079 (5550218)	0.49	0.16	0.52	307	<0.005	<5	33	1.04	0.26	1.02	0.10	14.8	13.2	6.2
E5544080 (5550219)	0.52	0.08	0.72	19.5	<0.005	<5	38	0.60	0.25	0.03	0.09	7.38	10.5	10.0
E5544081 (5550220)	0.34	0.13	0.58	15.7	<0.005	<5	47	0.40	0.25	0.09	0.07	7.12	8.5	7.6
E5544082 (5550221)	0.40	0.12	0.53	17.6	<0.005	<5	63	0.65	0.25	0.61	0.13	12.9	10.7	7.5
E5544083 (5550222)	0.42	0.17	0.39	22.7	<0.005	<5	50	0.69	0.26	2.09	0.20	15.7	12.1	6.9
E5544084 (5550223)	0.36	0.11	0.49	16.4	<0.005	<5	64	0.66	0.22	2.00	0.08	12.4	11.9	5.4
E5544085 (5550224)	0.37	0.13	1.00	16.7	<0.005	<5	78	0.88	0.29	1.08	0.14	22.6	16.7	13.2
E5544086 (5550225)	0.58	0.13	0.44	27.3	<0.005	<5	52	0.65	0.29	7.71	0.18	14.7	16.3	8.3
E5544087 (5550226)	0.52	0.16	0.72	26.7	<0.005	<5	52	0.82	0.62	0.37	0.11	14.6	27.8	11.9
E5544088 (5550227)	0.64	0.09	0.98	17.6	<0.005	<5	47	0.94	0.48	0.26	0.09	13.9	26.8	13.5
E5544089 (5550228)	0.49	0.11	0.91	15.3	<0.005	<5	73	0.80	0.39	0.14	0.12	14.3	19.0	12.6
E5544090 (5550229)	0.41	0.20	0.87	13.9	<0.005	<5	84	0.65	0.38	0.06	0.12	13.9	15.9	14.4
E5544091 (5550230)	0.32	0.11	1.82	20.8	<0.005	<5	80	1.24	0.56	0.11	0.06	27.5	27.3	28.6
E5544092 (5550231)	0.41	0.39	1.17	24.8	<0.005	<5	69	1.43	0.49	0.29	0.16	23.7	60.8	25.1
E5544093 (5550232)	0.34	0.17	1.56	15.9	<0.005	<5	37	0.75	0.49	0.04	0.14	13.8	21.1	25.9
E5544094 (5550233)	0.68	0.15	1.02	24.0	<0.005	<5	65	0.48	0.34	0.24	0.15	34.1	23.9	18.6
E5544095 (5550234)	0.40	0.17	0.35	23.2	<0.005	<5	52	0.74	0.31	3.32	0.11	11.1	15.8	6.0

Certified By:

*Ron Cardinal*



## Certificate of Analysis

AGAT WORK ORDER: 14Y860831

PROJECT NO:

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 08, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.01	0.1	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5
Sample ID (AGAT ID)														
E5544096 (5550235)	0.36	0.15	0.34	22.3	<0.005	<5	42	0.63	0.28	1.53	0.10	9.64	12.3	5.0
E5544097 (5550236)	0.37	0.18	0.31	29.9	<0.005	<5	41	0.75	0.43	4.87	0.12	9.37	21.3	5.3
E5577310 (5550237)	0.43	0.12	2.04	8.9	0.010	<5	317	0.74	0.24	1.39	0.37	36.9	34.1	34.8
E5577311 (5550238)	0.47	0.14	2.13	12.4	0.014	<5	156	0.74	0.23	0.78	0.42	42.0	29.7	38.1
E5577312 (5550239)	0.18	0.12	2.19	14.6	0.015	<5	430	0.86	0.21	1.85	0.47	43.9	37.2	35.8
E5577313 (5550240)	0.24	0.14	2.12	11.6	0.016	<5	335	0.91	0.18	2.46	0.81	31.9	40.9	33.0
E5577314 (5550241)	0.27	0.10	1.96	12.5	0.015	<5	344	0.76	0.16	3.10	1.14	31.0	40.3	31.3
E5578604 (5550242)	0.13	0.21	1.37	15.3	0.007	<5	269	0.76	0.23	2.01	0.52	16.8	18.5	24.1
E5578605 (5550243)	0.12	0.15	1.24	11.0	<0.005	6	135	0.63	0.20	2.38	0.41	11.4	13.9	19.6
E5578606 (5550244)	0.10	0.15	1.22	6.2	<0.005	5	229	0.69	0.20	2.80	0.29	12.4	12.6	18.6
E5578607 (5550245)	0.14	0.16	1.31	4.3	0.007	<5	419	0.81	0.21	2.06	0.37	16.1	21.0	21.9
E5578608 (5550246)	0.16	0.17	1.62	6.1	0.007	<5	484	0.84	0.25	2.55	0.59	20.1	26.5	24.9
E5578609 (5550247)	0.24	0.14	2.35	9.2	0.008	<5	499	1.04	0.25	1.47	0.34	32.7	35.5	37.7
E5544098 (5550248)	0.54	0.11	0.87	19.7	<0.005	<5	55	0.84	0.65	0.44	0.10	16.2	51.3	11.7
E5544099 (5550249)	0.46	0.15	0.85	24.3	<0.005	<5	47	0.71	0.70	1.84	0.11	14.1	41.3	11.8
E5544100 (5550250)	0.08	1.21	1.01	3.9	0.044	24	13	<0.05	0.52	0.42	0.63	2.54	351	1400
E5544101 (5550251)	0.38	0.25	0.95	20.7	<0.005	<5	42	0.75	0.61	0.55	0.08	12.3	27.2	13.0
E5544102 (5550252)	0.52	0.14	0.87	15.9	<0.005	<5	50	0.77	0.46	1.06	0.10	13.3	19.2	14.0
E5544103 (5550253)	0.41	0.13	1.24	11.4	<0.005	<5	89	0.60	0.26	1.34	0.33	41.9	10.6	18.9
E5544104 (5550254)	0.42	0.12	1.98	17.7	<0.005	<5	73	0.58	0.40	0.03	0.10	25.6	12.1	27.9
E5544105 (5550255)	0.42	0.06	2.01	15.2	<0.005	<5	120	0.67	0.40	0.07	0.08	27.9	14.9	28.6
E5544106 (5550256)	0.47	0.06	1.68	14.7	<0.005	<5	63	0.50	0.39	0.03	0.09	31.8	10.2	21.4
E5544107 (5550257)	0.50	0.41	2.30	135	0.010	<5	29	1.66	1.13	0.04	0.11	36.9	193	27.6
E5544108 (5550258)	0.38	0.20	2.28	18.9	<0.005	<5	35	1.08	0.54	0.07	0.08	43.8	61.7	32.5
E5544109 (5550259)	0.62	0.22	1.94	23.6	<0.005	<5	40	0.99	0.49	0.07	0.09	36.3	69.9	30.2
E5577318 (5550260)	0.42	0.09	0.56	16.0	<0.005	<5	40	0.56	0.31	0.02	0.08	7.45	9.6	6.9
E5577319 (5550261)	0.38	0.07	1.36	25.0	<0.005	<5	40	0.46	0.44	0.03	0.12	18.4	16.9	24.7
E5577320 (5550262)	0.55	0.21	0.69	47.6	<0.005	<5	37	0.64	0.46	0.16	0.26	27.0	23.5	13.3
E5577321 (5550263)	0.33	0.10	0.44	24.3	<0.005	<5	44	0.71	0.47	1.14	0.12	11.0	18.4	8.7
E5577322 (5550264)	0.47	0.13	0.33	34.2	<0.005	<5	40	0.75	0.55	1.66	0.09	14.3	22.8	6.6
E5577323 (5550265)	0.41	0.08	1.45	23.3	<0.005	<5	65	0.51	0.39	0.40	0.23	22.7	15.9	25.9

Certified By:

*Ron Cardinal*



# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y860831

PROJECT NO:

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 08, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.01	0.1	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5
Sample ID (AGAT ID)														
E5577324 (5550266)	0.55	0.08	0.50	36.9	<0.005	<5	59	0.60	0.38	12.4	0.33	19.1	17.4	8.9
E5577325 (5550267)	0.40	0.07	0.49	36.9	<0.005	<5	57	0.59	0.40	12.1	0.33	19.3	17.9	8.7
E5577326 (5550268)	0.41	0.10	0.41	49.3	<0.005	<5	53	0.58	0.47	0.18	0.10	9.55	16.8	12.4
E5577327 (5550269)	0.51	0.07	0.91	20.6	<0.005	<5	40	0.47	0.35	0.09	0.18	16.3	14.0	19.3
E5577328 (5550270)	0.51	0.13	1.39	18.6	<0.005	<5	86	0.98	0.42	0.08	0.13	31.2	22.8	24.9
E5577329 (5550271)	0.73	0.22	0.47	38.3	<0.005	<5	55	0.89	0.69	0.28	0.37	14.6	40.0	9.1
E5577330 (5550272)	0.40	0.14	0.54	29.2	<0.005	<5	56	0.65	0.53	0.11	0.14	8.04	17.9	10.7
E5577331 (5550273)	0.50	0.05	1.08	28.0	<0.005	<5	43	0.48	0.56	0.02	0.12	11.2	16.2	19.4
E5577332 (5550274)	0.39	0.08	1.21	17.5	<0.005	<5	57	0.50	0.44	0.04	0.17	15.1	11.4	24.3
E5577333 (5550275)	0.33	0.08	0.70	33.8	<0.005	<5	58	0.31	0.50	0.04	0.17	16.6	15.1	16.0
E5577334 (5550276)	0.47	0.09	0.88	40.0	<0.005	<5	64	0.94	0.56	0.26	0.23	37.7	23.3	14.9
E5577335 (5550277)	0.45	0.12	0.56	114	<0.005	<5	67	0.87	0.48	0.97	0.22	24.1	19.0	13.3
E5577336 (5550278)	0.40	0.10	0.52	46.1	<0.005	<5	86	0.83	0.45	4.91	0.12	19.9	21.8	8.6
E5577337 (5550279)	0.40	0.06	0.95	27.0	<0.005	<5	48	0.35	0.35	0.05	0.13	14.4	12.1	21.0
E5577338 (5550280)	0.40	0.05	1.32	23.0	<0.005	<5	64	0.51	0.32	0.09	0.24	16.5	15.1	24.5
E5577339 (5550281)	0.44	0.10	1.73	20.7	<0.005	<5	70	0.78	0.38	0.12	0.16	37.7	19.9	35.8
E5577340 (5550282)	0.49	0.08	1.53	29.3	<0.005	<5	85	0.54	0.34	0.09	0.23	26.9	11.8	27.2
E5577341 (5550283)	0.39	0.08	1.69	20.8	<0.005	<5	92	0.52	0.25	0.18	0.26	26.9	17.0	30.1
E5577342 (5550284)	0.69	0.05	1.75	15.6	<0.005	<5	67	0.57	0.31	0.16	0.17	27.4	15.3	28.7
E5577343 (5550285)	0.34	0.13	0.70	44.5	<0.005	<5	65	0.49	0.45	0.06	0.12	12.7	15.5	15.5
E5577344 (5550286)	0.46	0.08	1.20	44.9	<0.005	<5	80	0.66	0.49	0.07	0.13	25.9	19.3	24.5
E5577345 (5550287)	0.49	0.11	0.62	41.0	<0.005	<5	71	0.57	0.44	0.35	0.12	16.1	14.6	14.2
E5577346 (5550288)	0.35	0.17	0.86	29.0	<0.005	<5	67	0.88	0.46	0.42	0.11	14.5	19.5	15.4
E5577347 (5550289)	0.47	0.16	0.82	40.0	<0.005	<5	68	0.89	0.46	0.43	0.12	15.1	20.9	15.9
E5577348 (5550290)	0.36	0.23	0.87	30.3	<0.005	<5	76	0.89	0.42	0.58	0.15	13.3	17.5	15.3
E5577349 (5550291)	0.32	0.21	1.13	26.7	<0.005	<5	82	0.95	0.45	0.74	0.20	18.6	19.7	19.2
E5577350 (5550292)	0.05	1.71	1.98	4.2	0.174	<5	54	0.15	0.80	1.31	0.54	16.5	114	98.8
E5577351 (5550293)	0.22	0.31	1.14	21.5	<0.005	<5	91	0.82	0.40	0.99	0.17	12.9	17.9	18.8
E5577352 (5550294)	0.64	0.15	1.28	19.4	<0.005	<5	79	0.85	0.43	0.53	0.14	11.7	15.1	21.1
E5577353 (5550295)	0.43	0.13	1.21	18.7	<0.005	<5	76	0.74	0.43	0.35	0.13	14.3	16.5	20.1
E5577354 (5550296)	0.28	0.24	1.09	17.2	<0.005	<5	78	0.85	0.44	0.27	0.08	11.9	15.5	16.8

Certified By:

*Ron Cardinal*



# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y860831

PROJECT NO:

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 08, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.01	0.1	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5
Sample ID (AGAT ID)														
E5577355 (5550297)	0.51	0.13	2.32	10.9	<0.005	<5	66	1.03	0.43	0.05	0.19	30.4	22.8	34.5
E5577356 (5550298)	0.38	0.10	1.41	21.7	<0.005	<5	70	0.96	0.56	0.55	0.14	24.5	20.2	22.4
E5577357 (5550299)	0.43	0.29	1.10	54.2	<0.005	<5	101	1.08	0.61	0.10	0.18	18.5	58.6	14.7
E5577358 (5550300)	0.34	0.10	1.23	17.9	<0.005	<5	63	0.61	0.49	0.04	0.13	15.1	17.0	20.2
E5577359 (5550301)	0.40	0.08	1.33	20.3	<0.005	<5	31	0.35	0.46	0.03	0.13	18.6	13.9	24.8
E5578160 (5550302)	0.29	0.24	1.39	20.8	<0.005	<5	56	0.77	0.46	0.55	0.19	38.0	18.8	22.2
E5578161 (5550303)	0.41	0.23	1.38	18.8	0.008	<5	52	0.70	0.38	0.51	0.22	41.5	18.8	22.2
E5578162 (5550304)	0.37	0.26	1.45	16.2	<0.005	<5	50	0.78	0.40	0.77	0.20	32.1	17.3	23.4
E5578163 (5550305)	0.37	0.34	1.50	15.4	<0.005	<5	50	0.93	0.40	0.93	0.23	35.9	17.9	25.3
E5578164 (5550306)	0.39	0.19	1.33	11.0	<0.005	<5	43	0.67	0.36	0.70	0.13	24.1	9.7	20.3
E5578165 (5550307)	0.35	0.15	1.38	12.1	<0.005	<5	47	0.61	0.43	0.65	0.12	19.6	10.1	21.0
E5578166 (5550308)	0.35	0.14	1.96	13.4	<0.005	<5	102	0.91	0.28	0.54	0.22	68.8	13.6	32.2
E5578167 (5550309)	0.39	0.07	1.63	12.2	<0.005	<5	79	0.82	0.27	0.43	0.21	69.7	11.6	30.4
E5578168 (5550310)	0.54	0.15	1.73	15.2	<0.005	<5	46	0.77	0.36	0.72	0.15	41.1	18.3	25.7
E5578169 (5550311)	0.52	0.09	1.89	15.4	<0.005	<5	71	0.69	0.42	0.34	0.15	30.6	11.7	29.2
E5578170 (5550312)	0.50	0.03	2.07	20.2	<0.005	<5	64	0.70	0.52	0.07	0.13	46.6	22.0	29.3
E5578171 (5550313)	0.42	0.05	1.97	15.2	<0.005	<5	100	0.58	0.41	0.07	0.09	37.3	13.5	28.2
E5578172 (5550314)	0.34	0.03	1.96	15.5	<0.005	<5	74	0.55	0.40	0.09	0.16	36.8	17.3	29.2
E5578173 (5550315)	0.43	0.05	2.08	17.6	<0.005	<5	53	0.67	0.40	0.09	0.15	44.9	20.5	26.7
E5578174 (5550316)	0.49	0.08	1.52	14.7	<0.005	<5	75	0.43	0.38	0.09	0.12	20.1	9.8	24.9
E5578175 (5550317)	0.05	0.09	1.60	5.7	<0.005	6	127	0.17	0.06	1.22	0.16	11.6	9.2	39.9
E5578176 (5550318)	0.47	0.05	2.18	17.6	<0.005	<5	67	0.62	0.40	0.06	0.15	35.4	17.8	28.5
E5578177 (5550319)	0.45	0.05	2.23	15.9	<0.005	<5	62	0.57	0.40	0.07	0.18	46.2	17.2	28.5
E5578178 (5550320)	0.45	0.05	1.61	16.6	<0.005	<5	80	0.43	0.36	0.16	0.21	29.3	10.3	25.8
E5578179 (5550321)	0.46	0.04	1.97	15.6	<0.005	<5	57	0.53	0.39	0.05	0.12	37.6	13.4	26.5
E5578180 (5550322)	0.38	0.09	1.67	12.5	<0.005	<5	93	0.45	0.35	0.09	0.11	28.9	8.2	24.9
E5578181 (5550323)	0.52	0.05	1.99	19.0	<0.005	<5	70	0.58	0.41	0.06	0.15	28.3	16.5	27.8
E5578182 (5550324)	0.57	0.08	1.95	17.1	<0.005	<5	37	0.71	0.42	0.14	0.10	31.6	29.4	26.5
E5578183 (5550325)	0.40	0.16	2.21	25.2	<0.005	<5	100	1.02	0.54	0.42	0.12	28.7	19.9	33.9
E5578184 (5550326)	0.36	0.07	1.68	17.3	<0.005	<5	76	0.48	0.36	0.12	0.16	32.1	10.9	29.7
E5578185 (5550327)	0.33	0.10	1.79	15.0	<0.005	<5	70	0.54	0.34	0.11	0.13	37.5	10.7	24.6

Certified By:

*Ron Cardinal*



## Certificate of Analysis

AGAT WORK ORDER: 14Y860831

PROJECT NO:

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 08, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.01	0.1	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5
Sample ID (AGAT ID)														
E5578503 (5550328)	0.35	0.12	1.41	8.1	<0.005	<5	82	0.80	0.20	1.01	0.57	92.4	9.2	26.7
E5578504 (5550329)	0.33	0.09	1.67	10.4	<0.005	<5	95	0.61	0.27	0.35	0.31	42.6	10.4	31.1
E5578505 (5550330)	0.28	0.06	1.70	12.6	<0.005	<5	97	0.69	0.29	0.46	0.30	35.5	11.3	30.3
E5578506 (5550331)	0.36	0.12	1.63	11.4	<0.005	<5	102	0.63	0.27	0.89	0.29	45.5	9.0	27.2
E5578507 (5550332)	0.36	0.09	1.94	12.3	<0.005	<5	123	0.74	0.29	0.34	0.17	74.2	10.3	31.9
E5578508 (5550333)	0.47	0.11	1.86	11.9	<0.005	<5	65	0.84	0.28	0.57	0.38	61.5	12.5	28.5
E5578509 (5550334)	0.33	0.18	1.31	14.8	<0.005	<5	61	0.74	0.35	1.57	0.16	30.9	10.4	18.5
E5634719 (5550335)	0.32	0.11	0.77	15.3	<0.005	<5	64	0.72	0.23	1.07	0.17	29.3	8.5	12.3
E5634720 (5550336)	0.51	0.13	0.42	24.1	<0.005	<5	46	0.63	0.32	1.60	0.18	11.1	15.9	5.8
E5634721 (5550337)	0.36	0.21	0.55	45.9	<0.005	<5	59	0.54	0.38	1.11	0.13	16.1	9.8	8.6
E5634722 (5550338)	0.39	0.18	0.47	20.9	<0.005	<5	56	0.52	0.33	1.65	0.15	11.2	11.7	8.0
E5634723 (5550339)	0.43	0.15	0.39	20.8	<0.005	<5	34	0.58	0.30	5.00	0.20	18.8	13.2	6.2
E5634724 (5550340)	0.37	0.18	0.63	17.3	<0.005	<5	51	0.72	0.24	0.98	0.16	16.9	27.6	7.8
E5634725 (5550341)	0.40	0.19	0.62	16.9	<0.005	<5	57	0.74	0.25	1.07	0.17	17.4	38.1	7.1
E5634726 (5550342)	0.37	0.17	0.52	17.4	<0.005	<5	42	0.64	0.21	5.37	0.20	13.5	19.5	4.4
E5634727 (5550343)	0.35	0.16	0.42	16.6	<0.005	<5	41	0.70	0.25	0.94	0.17	13.4	16.3	4.9
E5634728 (5550344)	0.35	0.20	0.45	26.6	<0.005	<5	66	0.72	0.27	4.30	0.27	13.6	21.3	5.5
E5634729 (5550345)	0.58	0.19	2.58	37.5	<0.005	<5	34	1.04	0.65	<0.01	0.03	28.8	28.6	35.2
E5634730 (5550346)	0.60	0.48	2.61	73.8	<0.005	<5	54	1.61	2.10	0.02	0.06	46.5	94.7	33.7
E5634731 (5550347)	0.52	0.21	2.19	96.0	<0.005	<5	118	1.93	0.54	0.12	0.27	31.4	72.0	30.1
E5634732 (5550348)	0.45	0.09	1.96	5.0	<0.005	<5	55	0.45	0.33	0.03	0.13	9.21	16.1	24.4
E5634733 (5550349)	0.44	0.08	2.13	8.1	<0.005	<5	70	1.11	0.48	0.09	0.09	18.5	19.9	26.4
E5634734 (5550350)	0.53	0.07	2.23	14.2	<0.005	<5	272	1.26	0.20	0.31	0.88	11.7	23.0	30.3
E5634735 (5550351)	0.51	0.06	2.60	8.2	<0.005	<5	67	0.77	0.37	0.06	0.26	16.5	19.6	32.1
E5634736 (5550352)	0.53	0.06	1.80	9.0	<0.005	<5	73	0.78	0.37	0.11	0.20	27.7	16.3	26.0
E5634737 (5550353)	0.44	0.12	2.09	15.9	<0.005	<5	146	1.07	0.44	0.25	0.58	15.8	18.8	27.9
E5634738 (5550354)	0.51	0.05	1.86	14.9	<0.005	<5	108	0.68	0.34	0.18	0.29	21.7	14.5	29.5
E5634739 (5550355)	0.42	0.07	1.62	16.4	<0.005	<5	115	0.64	0.24	0.26	0.22	57.6	17.5	33.6
E5634740 (5550356)	0.36	0.04	1.90	9.6	<0.005	<5	117	0.59	0.23	0.16	0.20	66.2	10.8	39.1
E5634741 (5550357)	0.43	0.08	2.24	13.5	<0.005	<5	88	0.69	0.24	0.90	0.33	84.0	15.1	46.9
E5634742 (5550358)	0.35	0.08	0.91	23.8	<0.005	<5	87	0.78	0.22	0.84	0.25	69.7	12.3	13.9

Certified By:

*Ron Cardinali*





**AGAT** Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y860831

PROJECT NO:

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 08, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

**Certified By:**

*Ron Cardinal*



# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y860831

PROJECT NO:

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 08, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

Analyte:	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
RDL:	0.05	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05
Sample ID (AGAT ID)														
E5544068 (5550142)	0.98	81.9	4.68	1.90	0.27	0.17	0.19	0.055	0.12	9.6	2.1	0.46	1340	1.47
E5544069 (5550143)	1.95	147	7.28	4.18	0.34	0.09	0.15	0.065	0.08	18.2	8.9	0.86	1850	1.16
E5544070 (5550144)	3.01	249	8.35	6.36	0.32	0.09	0.08	0.067	0.09	15.7	18.2	1.48	2450	0.99
E5544071 (5550145)	11.2	171	6.34	8.39	0.29	0.08	0.08	0.068	0.07	12.6	23.8	1.76	2620	1.20
E5544072 (5550146)	10.7	120	5.39	8.26	0.27	0.03	0.04	0.082	0.05	11.3	19.4	1.28	2880	1.58
E5544073 (5550147)	2.97	181	13.4	3.78	0.44	0.09	1.49	0.078	0.07	29.6	5.2	0.46	4330	2.61
E5544074 (5550148)	1.28	218	9.05	3.96	0.32	0.04	0.11	0.059	0.08	15.8	8.4	0.93	3200	3.06
E5544075 (5550149)	0.35	48.9	2.90	4.55	0.22	0.21	0.02	0.018	0.10	4.6	6.7	0.78	498	5.72
E5544076 (5550150)	3.54	165	5.91	8.37	0.28	0.08	0.05	0.069	0.09	15.1	18.9	1.58	2790	3.96
E5578454 (5550151)	2.77	64.1	5.18	7.15	0.24	<0.02	0.12	0.053	0.07	9.4	8.8	0.40	1990	1.56
E5578455 (5550152)	1.28	33.5	4.54	3.24	0.25	0.12	0.07	0.055	0.07	7.8	10.6	1.65	1460	0.69
E5578456 (5550153)	0.91	30.1	4.87	2.89	0.27	0.08	0.06	0.067	0.05	9.3	8.7	1.52	1860	1.10
E5578457 (5550154)	1.73	41.9	5.76	3.24	0.28	0.12	0.12	0.069	0.06	9.8	10.1	1.40	1980	1.16
E5578458 (5550155)	4.31	136	5.81	6.34	0.30	0.10	0.29	0.073	0.06	15.3	20.1	1.54	1510	0.87
E5578459 (5550156)	2.86	120	5.29	5.44	0.26	0.10	0.09	0.064	0.07	14.1	17.0	1.59	1470	0.96
E5578553 (5550157)	2.87	43.8	4.85	6.81	0.28	<0.02	0.11	0.039	0.08	16.7	10.3	0.27	2690	2.07
E5578554 (5550158)	2.82	44.9	4.70	5.59	0.30	0.06	0.06	0.042	0.08	17.9	17.2	0.47	4930	1.70
E5578555 (5550159)	4.08	48.3	5.10	6.29	0.28	<0.02	0.08	0.032	0.08	12.6	20.9	0.42	3420	1.72
E5578556 (5550160)	1.35	51.6	6.59	3.91	0.28	<0.02	2.34	0.034	0.05	10.1	10.3	0.28	287	3.02
E5578557 (5550161)	1.05	76.0	4.00	2.93	0.27	0.03	0.40	0.028	0.06	11.7	4.6	0.14	606	3.38
E5578558 (5550162)	1.54	36.9	4.39	5.19	0.28	<0.02	0.37	0.031	0.05	13.1	17.0	0.48	403	1.67
E5578559 (5550163)	1.55	83.1	5.68	3.02	0.29	<0.02	1.26	0.036	0.07	18.1	13.6	0.38	701	3.37
E5578589 (5550164)	4.70	216	5.39	7.62	0.25	0.06	0.16	0.056	0.07	13.7	20.2	1.88	1190	0.71
E5578590 (5550165)	4.68	258	5.16	9.26	0.26	0.07	0.15	0.059	0.07	16.9	26.1	2.00	1380	0.50
E5578591 (5550166)	5.95	214	5.15	8.70	0.24	0.06	0.12	0.062	0.06	12.5	23.9	1.75	1160	0.81
E5578592 (5550167)	2.38	134	4.27	4.50	0.24	0.06	0.15	0.046	0.07	8.4	11.6	1.07	763	0.90
E5578593 (5550168)	3.27	119	3.91	4.97	0.23	0.09	0.18	0.042	0.07	9.5	11.8	1.00	850	0.98
E5578594 (5550169)	5.03	141	5.09	7.39	0.26	0.12	0.10	0.040	0.08	13.2	20.0	1.38	772	0.88
E5578595 (5550170)	2.52	47.2	3.91	4.87	0.23	0.10	0.09	0.036	0.07	7.8	13.9	1.06	548	0.70
E5578596 (5550171)	1.54	59.5	4.92	3.15	0.25	0.07	0.19	0.047	0.05	7.6	8.3	0.85	833	0.97
E5578597 (5550172)	1.81	65.7	5.01	4.34	0.26	0.07	0.17	0.047	0.06	8.3	11.7	0.99	851	0.97
E5578598 (5550173)	2.49	67.7	4.29	4.96	0.24	0.07	0.10	0.043	0.04	7.5	13.3	0.93	1050	0.91

Certified By:

*Ron Cardinal*



## Certificate of Analysis

AGAT WORK ORDER: 14Y860831

PROJECT NO:

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 08, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

Analyte:	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
RDL:	0.05	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05
Sample ID (AGAT ID)														
E5578599 (5550174)	3.53	98.7	3.97	5.68	0.24	0.39	0.16	0.045	0.04	10.8	15.1	1.02	787	0.85
E5578600 (5550175)	0.19	4190	13.7	2.61	0.79	0.07	0.04	0.144	<0.01	1.1	0.7	11.5	578	1.34
E5578601 (5550176)	2.15	95.2	4.37	3.94	0.25	0.13	0.11	0.050	0.04	7.3	10.7	0.77	1280	1.05
E5578602 (5550177)	2.39	100	4.10	4.76	0.25	0.10	0.14	0.049	0.05	9.2	12.7	0.88	854	0.95
E5578603 (5550178)	2.32	71.0	4.88	3.75	0.26	0.08	0.16	0.047	0.06	7.0	10.2	0.96	742	1.55
E5577253 (5550179)	3.92	215	6.32	9.63	0.32	0.08	0.07	0.102	0.05	20.9	23.6	1.50	3580	1.58
E5577254 (5550180)	3.02	164	6.44	11.7	0.30	0.08	0.05	0.091	0.05	14.3	28.8	1.70	3700	1.43
E5577255 (5550181)	7.59	208	6.26	10.9	0.31	0.09	0.09	0.082	0.06	20.9	32.6	1.93	1870	1.14
E5577256 (5550182)	3.79	94.9	4.80	9.05	0.26	0.04	0.03	0.059	0.04	10.9	23.5	1.31	1460	1.42
E5577257 (5550183)	3.29	96.7	4.85	7.86	0.25	0.05	0.06	0.062	0.05	10.1	19.9	1.06	1250	1.35
E5577258 (5550184)	2.63	80.2	5.20	6.12	0.26	0.06	0.04	0.043	0.07	10.4	18.2	0.76	1500	1.32
E5577259 (5550185)	1.16	160	9.17	2.24	0.32	0.08	0.47	0.081	0.09	11.7	5.7	0.46	1730	4.81
E5577660 (5550186)	2.63	106	5.56	3.18	0.28	0.02	0.47	0.039	0.09	9.8	7.4	0.21	389	9.50
E5577661 (5550187)	1.94	52.9	4.48	4.66	0.29	<0.02	0.04	0.026	0.07	14.9	22.5	0.63	910	1.37
E5577662 (5550188)	1.69	36.7	4.25	5.32	0.26	0.02	0.07	0.024	0.08	9.8	7.5	0.26	1280	1.42
E5577663 (5550189)	2.29	46.5	4.61	5.19	0.28	<0.02	0.05	0.027	0.08	14.4	20.4	0.54	1330	1.34
E5577664 (5550190)	2.33	55.5	5.70	5.47	0.29	<0.02	0.06	0.035	0.06	13.8	13.8	0.41	740	1.97
E5577665 (5550191)	2.05	74.3	4.79	3.51	0.27	0.06	0.58	0.040	0.10	12.0	8.1	0.30	839	4.87
E5577666 (5550192)	1.73	57.2	5.05	4.91	0.29	<0.02	0.09	0.029	0.08	13.0	12.0	0.37	744	2.35
E5577667 (5550193)	1.34	55.6	4.84	4.11	0.28	<0.02	0.13	0.032	0.07	12.0	17.2	0.46	584	2.52
E5577668 (5550194)	2.15	78.9	5.28	4.46	0.28	<0.02	0.13	0.036	0.08	11.6	13.4	0.49	1360	3.00
E5577669 (5550195)	2.09	115	6.00	6.58	0.29	0.05	0.05	0.043	0.07	15.0	24.7	1.17	1180	2.47
E5577670 (5550196)	2.19	138	5.33	6.57	0.28	<0.02	0.05	0.044	0.07	15.8	19.7	1.27	1160	1.84
E5577671 (5550197)	1.51	98.9	5.43	8.29	0.28	0.03	0.04	0.051	0.06	12.1	21.4	1.28	1760	1.33
E5577672 (5550198)	1.74	74.1	5.38	8.13	0.28	<0.02	0.02	0.049	0.05	11.4	21.7	1.23	1140	1.29
E5577673 (5550199)	3.31	89.2	5.01	9.08	0.26	0.04	0.06	0.067	0.07	9.7	23.3	1.42	1980	1.16
E5577674 (5550200)	2.12	81.2	5.23	8.07	0.28	<0.02	0.02	0.054	0.05	12.3	25.7	1.33	1280	1.38
E5577675 (5550201)	0.37	49.3	2.95	4.94	0.24	0.20	0.02	0.019	0.10	4.8	6.9	0.79	515	6.00
E5577676 (5550202)	1.86	84.7	6.55	10.1	0.28	0.03	0.07	0.069	0.09	12.8	18.5	0.99	1680	1.62
E5577677 (5550203)	3.85	96.7	4.97	7.81	0.27	0.02	0.03	0.052	0.07	14.1	21.5	1.18	1620	1.53
E5577678 (5550204)	2.65	102	5.28	7.36	0.26	0.04	0.05	0.056	0.06	11.6	19.1	1.09	2690	1.71
E5577679 (5550205)	5.67	76.4	4.61	7.34	0.25	<0.02	0.03	0.049	0.07	12.6	18.9	1.07	1030	1.36

Certified By:

*Ron Cardinal*



## Certificate of Analysis

AGAT WORK ORDER: 14Y860831

PROJECT NO:

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 08, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

Analyte:	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
RDL:	0.05	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05
Sample ID (AGAT ID)														
E5578410 (5550206)	1.70	107	5.45	5.92	0.27	<0.02	0.14	0.034	0.04	11.9	11.8	0.66	1010	2.06
E5578411 (5550207)	1.40	132	5.76	6.54	0.29	<0.02	0.12	0.036	0.05	13.8	16.6	1.01	1630	1.21
E5578412 (5550208)	1.50	109	5.42	6.43	0.28	0.06	0.37	0.040	0.06	15.5	18.5	1.16	1010	7.24
E5578413 (5550209)	1.79	137	6.71	7.90	0.31	<0.02	0.07	0.045	0.04	13.5	17.9	1.20	3090	1.75
E5578414 (5550210)	2.83	132	4.86	7.80	0.27	0.03	0.07	0.039	0.04	11.6	20.0	1.26	2250	1.52
E5578415 (5550211)	2.31	58.0	5.15	8.18	0.27	0.23	0.06	0.035	0.05	10.3	8.5	0.45	1320	1.72
E5578416 (5550212)	1.53	47.8	4.26	7.26	0.27	0.03	0.06	0.041	0.05	11.8	17.9	0.73	706	1.58
E5578417 (5550213)	1.50	70.7	5.52	8.47	0.28	0.03	0.08	0.038	0.05	12.0	14.1	0.68	1020	1.72
E5578418 (5550214)	1.47	72.5	6.00	9.31	0.29	0.03	0.07	0.039	0.06	12.8	14.3	0.87	1600	1.29
E5578419 (5550215)	1.34	51.6	4.66	7.49	0.27	0.02	0.04	0.037	0.05	13.4	22.3	1.06	581	1.36
E5544077 (5550216)	0.91	27.5	3.67	0.53	0.25	0.19	0.20	0.033	0.04	2.8	1.7	0.06	243	0.95
E5544078 (5550217)	0.82	27.4	3.52	0.42	0.27	0.24	0.22	0.032	0.05	3.0	0.9	0.04	233	1.06
E5544079 (5550218)	2.44	27.0	5.09	0.66	0.28	0.32	0.23	0.055	0.04	4.2	2.2	0.06	135	0.56
E5544080 (5550219)	3.28	22.9	4.50	1.71	0.27	0.02	0.10	0.044	0.04	2.5	9.4	0.12	296	1.32
E5544081 (5550220)	1.84	18.5	3.69	1.59	0.25	0.03	0.08	0.034	0.04	2.7	1.9	0.04	206	1.30
E5544082 (5550221)	1.91	19.3	4.27	1.36	0.25	0.07	0.13	0.042	0.07	4.3	3.3	0.06	402	1.17
E5544083 (5550222)	0.86	27.4	3.85	0.77	0.27	0.13	0.21	0.046	0.06	5.3	1.7	0.11	403	1.14
E5544084 (5550223)	0.77	26.0	3.30	0.85	0.26	0.19	0.19	0.046	0.06	4.2	3.2	0.08	314	0.95
E5544085 (5550224)	1.37	30.9	4.36	2.42	0.28	0.22	0.11	0.047	0.05	7.8	25.3	0.33	881	0.96
E5544086 (5550225)	1.16	32.6	3.47	1.02	0.22	0.11	0.19	0.037	0.04	5.4	4.7	0.25	440	1.19
E5544087 (5550226)	2.71	49.3	4.86	1.83	0.29	0.13	0.14	0.044	0.04	7.1	17.2	0.21	525	0.80
E5544088 (5550227)	2.73	53.2	6.15	2.55	0.29	0.07	0.07	0.055	0.04	6.1	26.5	0.23	1040	0.87
E5544089 (5550228)	4.33	38.7	5.45	2.45	0.29	0.06	0.13	0.061	0.06	5.7	12.8	0.14	760	0.97
E5544090 (5550229)	4.63	37.1	4.84	3.04	0.28	0.08	0.10	0.051	0.05	5.8	9.8	0.13	598	1.13
E5544091 (5550230)	9.43	61.0	5.82	5.88	0.32	0.04	0.05	0.066	0.05	11.9	47.6	0.49	864	1.15
E5544092 (5550231)	6.76	75.8	6.75	3.45	0.31	0.07	0.14	0.066	0.06	9.3	30.1	0.35	2570	1.22
E5544093 (5550232)	6.86	64.5	4.93	5.03	0.27	0.07	0.09	0.047	0.04	6.2	43.0	0.44	717	0.93
E5544094 (5550233)	3.26	33.1	4.58	2.65	0.29	0.05	0.05	0.027	0.03	11.5	21.6	0.23	1180	1.08
E5544095 (5550234)	2.03	31.2	4.18	0.70	0.27	0.14	0.18	0.044	0.08	3.3	1.5	0.13	414	1.17
E5544096 (5550235)	1.02	27.4	3.87	0.54	0.28	0.10	0.28	0.040	0.06	3.5	2.0	0.07	243	1.07
E5544097 (5550236)	2.15	39.6	4.09	0.50	0.25	0.17	0.38	0.043	0.05	2.8	2.2	0.43	575	1.46
E5577310 (5550237)	3.74	138	4.87	7.00	0.28	0.06	0.11	0.061	0.05	13.0	20.4	1.44	1420	0.85

Certified By:

*Ron Cardinal*



## Certificate of Analysis

AGAT WORK ORDER: 14Y860831

PROJECT NO:

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 08, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

Analyte:	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
RDL:	0.05	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05
Sample ID (AGAT ID)														
E5577311 (5550238)	3.17	194	6.20	7.75	0.30	0.08	0.08	0.054	0.06	18.3	22.1	1.87	1060	0.98
E5577312 (5550239)	4.90	219	5.17	7.37	0.28	0.05	0.14	0.066	0.05	14.0	21.8	1.41	2360	1.07
E5577313 (5550240)	4.18	237	4.54	6.91	0.26	0.05	0.15	0.055	0.04	11.8	20.8	1.40	2020	0.78
E5577314 (5550241)	4.28	160	4.34	6.61	0.25	0.49	0.15	0.059	0.05	10.0	19.4	1.44	2160	0.92
E5578604 (5550242)	3.04	110	3.98	4.31	0.25	0.14	0.17	0.046	0.06	8.0	11.2	0.78	706	1.02
E5578605 (5550243)	3.63	65.7	3.35	3.61	0.23	0.16	0.11	0.036	0.07	5.4	10.6	0.83	561	0.84
E5578606 (5550244)	4.14	82.6	2.80	3.54	0.26	0.20	0.12	0.032	0.06	5.9	10.0	0.79	518	0.69
E5578607 (5550245)	3.84	131	2.94	4.02	0.26	0.13	0.11	0.032	0.06	7.3	11.1	0.79	1090	0.64
E5578608 (5550246)	4.46	171	3.58	5.68	0.25	0.14	0.11	0.046	0.06	8.7	14.2	0.99	1730	1.02
E5578609 (5550247)	5.88	215	5.33	8.57	0.29	0.07	0.12	0.081	0.06	13.4	21.3	1.40	1860	1.00
E5544098 (5550248)	3.99	73.1	4.19	2.32	0.26	0.34	0.12	0.046	0.06	5.8	28.8	0.29	982	0.64
E5544099 (5550249)	3.38	61.3	5.06	2.27	0.26	0.36	0.16	0.044	0.05	5.8	35.0	0.36	936	0.80
E5544100 (5550250)	0.20	4320	13.6	2.75	0.85	0.08	0.03	0.151	<0.01	1.2	0.8	11.6	607	1.37
E5544101 (5550251)	3.61	64.0	5.10	2.44	0.28	0.26	0.15	0.047	0.05	6.0	31.1	0.38	598	0.64
E5544102 (5550252)	3.05	42.1	5.21	2.25	0.28	0.16	0.13	0.044	0.04	6.6	28.4	0.31	1000	0.65
E5544103 (5550253)	0.74	17.3	3.01	3.67	0.25	0.11	0.07	0.032	0.04	11.5	16.2	0.27	603	0.82
E5544104 (5550254)	2.46	33.8	4.44	6.47	0.25	0.03	0.04	0.037	0.05	9.8	40.2	0.50	497	1.15
E5544105 (5550255)	3.68	37.3	4.03	6.33	0.28	0.03	0.04	0.032	0.08	10.8	43.7	0.61	732	1.08
E5544106 (5550256)	3.14	27.2	3.64	6.64	0.28	<0.02	0.03	0.029	0.05	12.8	33.8	0.38	317	1.22
E5544107 (5550257)	9.89	235	11.2	5.35	0.37	0.03	0.19	0.085	0.03	7.9	51.8	0.75	6400	4.67
E5544108 (5550258)	11.1	88.6	5.54	6.77	0.32	0.02	0.09	0.034	0.04	14.4	68.7	1.07	4610	1.23
E5544109 (5550259)	13.7	92.4	4.93	6.08	0.34	0.02	0.18	0.044	0.06	13.1	51.6	0.84	5650	2.11
E5577318 (5550260)	1.85	27.9	3.97	1.55	0.26	<0.02	0.09	0.044	0.03	3.4	3.2	0.05	221	1.03
E5577319 (5550261)	2.52	48.5	4.50	4.76	0.28	0.04	0.08	0.028	0.04	8.2	38.1	0.41	681	0.85
E5577320 (5550262)	2.21	53.3	5.06	1.96	0.29	0.04	0.22	0.040	0.05	10.2	14.7	0.19	744	0.92
E5577321 (5550263)	1.24	47.7	4.73	1.08	0.27	0.18	0.09	0.045	0.05	5.1	5.5	0.13	664	0.95
E5577322 (5550264)	1.76	54.9	4.68	0.81	0.27	0.05	0.19	0.050	0.05	6.9	3.2	0.16	687	0.96
E5577323 (5550265)	1.46	37.6	4.48	5.09	0.25	0.04	0.04	0.031	0.04	8.2	41.3	0.49	478	1.08
E5577324 (5550266)	0.74	44.5	3.17	1.37	0.15	0.05	0.20	0.036	0.04	7.7	6.4	0.18	476	0.91
E5577325 (5550267)	0.79	49.9	3.19	1.37	0.18	0.07	0.23	0.039	0.04	7.8	6.2	0.18	475	0.92
E5577326 (5550268)	1.49	47.3	3.75	1.36	0.28	0.02	0.06	0.032	0.04	3.8	2.4	0.07	309	0.77
E5577327 (5550269)	3.84	44.3	4.06	3.01	0.28	<0.02	0.02	0.026	0.03	7.5	14.2	0.28	300	1.02

Certified By:

*Ron Cardinal*



# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y860831

PROJECT NO:

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 08, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

Analyte:	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
RDL:	0.05	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05
Sample ID (AGAT ID)														
E5577328 (5550270)	5.34	54.9	4.44	4.11	0.30	0.03	0.04	0.036	0.04	10.4	34.4	0.49	1160	1.15
E5577329 (5550271)	3.29	93.4	6.08	1.20	0.30	0.25	0.20	0.060	0.05	6.2	7.7	0.16	1150	2.61
E5577330 (5550272)	3.36	46.6	4.81	2.05	0.28	0.03	0.06	0.047	0.04	3.4	2.8	0.08	447	1.68
E5577331 (5550273)	10.6	56.9	4.80	4.63	0.26	0.05	0.05	0.045	0.05	5.3	13.5	0.20	618	1.30
E5577332 (5550274)	6.63	46.7	4.42	6.63	0.25	<0.02	0.05	0.027	0.05	7.3	13.3	0.22	578	1.70
E5577333 (5550275)	2.34	39.8	5.25	4.27	0.26	<0.02	0.05	0.045	0.05	5.8	3.3	0.09	482	1.46
E5577334 (5550276)	3.09	48.8	5.55	2.42	0.28	0.06	0.10	0.051	0.05	10.2	10.8	0.19	600	1.11
E5577335 (5550277)	1.63	44.7	5.30	1.42	0.24	0.09	0.12	0.053	0.07	8.4	4.0	0.12	645	0.78
E5577336 (5550278)	1.40	50.4	4.44	1.07	0.22	0.08	0.10	0.053	0.07	6.3	2.7	0.08	1060	0.98
E5577337 (5550279)	3.26	34.4	3.84	4.02	0.26	<0.02	0.03	0.026	0.05	6.5	10.3	0.26	249	1.23
E5577338 (5550280)	3.17	41.3	4.00	4.37	0.25	0.02	0.05	0.027	0.04	7.6	25.6	0.40	488	1.23
E5577339 (5550281)	4.95	52.8	4.53	5.68	0.27	<0.02	0.03	0.037	0.06	14.0	35.7	0.58	1080	2.28
E5577340 (5550282)	3.63	32.6	3.65	5.34	0.25	<0.02	0.03	0.031	0.06	11.3	13.2	0.32	423	1.91
E5577341 (5550283)	1.86	33.5	3.36	4.63	0.25	0.02	0.03	0.029	0.06	11.1	19.9	0.53	599	1.52
E5577342 (5550284)	4.55	42.3	3.95	5.56	0.26	0.02	0.02	0.029	0.03	11.6	34.8	0.51	453	1.41
E5577343 (5550285)	3.20	50.5	3.99	2.95	0.20	0.03	0.07	0.038	0.06	5.6	6.1	0.12	390	1.21
E5577344 (5550286)	4.85	49.5	4.94	4.03	0.28	<0.02	0.07	0.043	0.07	10.7	19.3	0.32	872	1.24
E5577345 (5550287)	1.97	39.5	4.23	1.82	0.24	0.03	0.09	0.037	0.08	7.6	8.0	0.14	442	0.94
E5577346 (5550288)	3.10	53.2	5.01	2.21	0.25	0.09	0.13	0.044	0.08	7.8	13.8	0.22	601	0.99
E5577347 (5550289)	3.38	51.0	5.23	2.18	0.23	0.32	0.18	0.046	0.09	7.7	12.6	0.20	688	0.92
E5577348 (5550290)	3.66	47.2	4.86	2.24	0.18	0.27	0.12	0.048	0.09	7.4	11.7	0.19	531	0.93
E5577349 (5550291)	3.05	53.0	6.02	3.00	0.27	0.16	0.09	0.055	0.08	9.7	17.2	0.29	1130	0.84
E5577350 (5550292)	0.83	4440	11.0	5.44	0.43	0.14	<0.01	0.066	0.16	7.3	6.0	2.73	851	5.27
E5577351 (5550293)	3.51	53.3	5.17	3.27	0.14	0.25	0.08	0.049	0.08	7.6	17.8	0.26	912	0.86
E5577352 (5550294)	4.39	47.4	5.03	3.84	0.24	0.15	0.06	0.048	0.08	6.7	23.7	0.33	561	0.79
E5577353 (5550295)	4.69	45.4	5.11	3.49	0.25	0.09	0.08	0.046	0.08	7.2	22.3	0.29	607	0.85
E5577354 (5550296)	5.02	43.3	4.88	3.01	0.25	0.05	0.08	0.049	0.08	5.9	19.7	0.24	534	0.99
E5577355 (5550297)	5.21	57.4	5.22	7.09	0.26	0.08	0.06	0.035	0.06	10.9	70.6	0.80	1640	0.93
E5577356 (5550298)	3.26	54.3	5.09	3.99	0.24	0.10	0.04	0.051	0.06	8.5	37.1	0.49	764	0.87
E5577357 (5550299)	2.94	82.0	7.25	1.74	0.28	0.07	0.20	0.072	0.05	7.8	18.9	0.19	820	0.89
E5577358 (5550300)	3.24	40.3	4.30	4.20	0.24	0.02	0.03	0.044	0.05	6.3	25.7	0.27	532	1.21
E5577359 (5550301)	3.11	40.7	4.76	5.65	0.25	<0.02	0.04	0.033	0.04	9.1	33.9	0.35	242	1.04

Certified By:

*Ron Cardinal*



## Certificate of Analysis

AGAT WORK ORDER: 14Y860831

PROJECT NO:

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 08, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

Analyte:	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
RDL:	0.05	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05
Sample ID (AGAT ID)														
E5578160 (5550302)	1.75	50.6	4.54	3.79	0.27	0.11	0.07	0.043	0.06	14.0	35.4	0.61	432	0.90
E5578161 (5550303)	1.51	39.9	3.93	4.02	0.24	0.12	0.05	0.034	0.05	16.2	35.9	0.66	486	0.87
E5578162 (5550304)	2.42	41.8	4.39	4.25	0.22	0.18	0.04	0.041	0.05	11.5	41.6	0.54	415	0.89
E5578163 (5550305)	2.60	45.5	4.41	4.46	0.15	0.23	0.05	0.048	0.06	13.6	41.5	0.57	402	1.00
E5578164 (5550306)	1.47	29.0	3.43	3.68	0.22	0.17	0.02	0.041	0.04	10.3	32.6	0.43	148	0.72
E5578165 (5550307)	2.17	27.2	3.48	4.21	0.20	0.19	0.02	0.040	0.06	8.1	32.8	0.44	188	1.00
E5578166 (5550308)	1.28	29.8	3.37	5.42	0.23	0.10	0.04	0.039	0.08	30.9	35.3	1.02	615	0.82
E5578167 (5550309)	1.22	20.4	3.12	4.85	0.23	0.08	0.02	0.043	0.05	17.6	27.4	0.80	667	0.88
E5578168 (5550310)	1.19	42.3	3.95	5.12	0.20	0.18	0.04	0.033	0.07	16.6	46.2	0.82	630	0.57
E5578169 (5550311)	2.53	29.2	3.81	5.33	0.21	0.11	0.03	0.035	0.06	12.1	44.8	0.78	435	0.93
E5578170 (5550312)	2.28	41.0	4.66	5.94	0.25	0.04	0.03	0.036	0.06	15.6	38.6	0.71	652	1.16
E5578171 (5550313)	2.04	37.4	4.01	6.33	0.24	0.06	0.02	0.029	0.08	15.9	39.8	0.64	552	0.97
E5578172 (5550314)	1.69	33.3	4.35	6.08	0.25	0.04	0.02	0.028	0.07	15.0	47.2	0.81	652	0.76
E5578173 (5550315)	1.76	41.3	4.15	5.59	0.25	0.05	0.02	0.031	0.07	17.2	48.3	0.81	717	0.81
E5578174 (5550316)	2.40	28.2	3.52	5.83	0.20	0.04	0.02	0.027	0.08	9.3	28.5	0.52	525	1.04
E5578175 (5550317)	0.45	52.2	2.92	5.28	0.23	0.25	0.03	0.020	0.13	5.5	6.8	0.82	527	6.18
E5578176 (5550318)	2.29	35.3	4.23	5.81	0.26	0.07	0.03	0.035	0.08	12.0	46.1	0.72	663	0.92
E5578177 (5550319)	1.87	34.0	4.24	6.06	0.26	0.04	0.01	0.030	0.09	18.1	46.7	0.80	646	0.87
E5578178 (5550320)	1.93	26.3	3.81	5.66	0.25	0.02	0.01	0.026	0.07	11.9	29.6	0.61	342	1.00
E5578179 (5550321)	1.88	33.5	4.11	5.30	0.28	0.05	0.02	0.029	0.08	14.7	39.9	0.69	453	0.79
E5578180 (5550322)	2.25	26.4	3.37	5.28	0.26	0.05	0.02	0.030	0.10	11.2	31.5	0.54	412	0.83
E5578181 (5550323)	1.84	33.9	4.34	5.29	0.28	0.04	0.02	0.028	0.08	9.7	47.9	0.78	656	0.73
E5578182 (5550324)	2.09	50.3	4.31	5.07	0.28	0.02	0.01	0.027	0.08	9.3	56.3	0.84	1240	0.71
E5578183 (5550325)	24.9	41.9	4.53	6.53	0.27	0.20	0.04	0.051	0.11	12.8	36.7	0.76	1220	2.04
E5578184 (5550326)	2.73	21.8	3.90	5.91	0.25	<0.02	0.03	0.033	0.06	12.8	32.2	0.56	386	1.48
E5578185 (5550327)	2.06	26.0	3.46	5.59	0.27	<0.02	0.03	0.031	0.06	14.2	29.1	0.51	341	1.26
E5578503 (5550328)	0.93	24.8	2.67	3.76	0.28	0.18	0.06	0.046	0.05	37.7	20.1	0.88	1010	0.76
E5578504 (5550329)	1.37	23.3	3.22	4.98	0.26	0.13	0.03	0.038	0.08	15.7	31.0	1.03	610	0.97
E5578505 (5550330)	2.30	24.1	3.45	5.34	0.23	0.31	0.03	0.036	0.07	11.0	30.3	0.91	807	1.02
E5578506 (5550331)	1.19	25.2	3.00	4.32	0.25	0.31	0.04	0.034	0.07	25.3	24.0	0.87	501	0.86
E5578507 (5550332)	1.45	20.1	3.39	5.42	0.26	0.12	0.01	0.038	0.08	24.3	28.2	0.89	478	0.80
E5578508 (5550333)	1.65	26.4	3.74	4.65	0.26	0.15	0.04	0.046	0.07	16.8	28.1	0.86	1110	0.96

Certified By:

*Ron Cardinal*



# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y860831

PROJECT NO:

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 08, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

Analyte:	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
RDL:	0.05	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05
Sample ID (AGAT ID)														
E5578509 (5550334)	1.44	32.3	3.46	3.36	0.15	0.24	0.05	0.036	0.06	12.8	28.3	0.47	360	0.73
E5634719 (5550335)	1.19	18.2	3.63	1.93	0.24	0.12	0.10	0.044	0.06	10.2	9.0	0.15	269	0.84
E5634720 (5550336)	2.90	34.6	3.87	0.63	0.26	0.18	0.17	0.050	0.09	3.6	1.2	0.07	423	1.40
E5634721 (5550337)	2.43	30.1	3.42	1.06	0.24	0.12	0.22	0.031	0.09	7.3	2.5	0.09	220	1.58
E5634722 (5550338)	2.57	22.1	3.47	0.91	0.25	0.12	0.11	0.035	0.09	4.1	2.3	0.41	349	1.07
E5634723 (5550339)	1.56	27.0	3.35	0.67	0.23	0.13	0.13	0.050	0.08	6.8	1.1	0.09	251	1.07
E5634724 (5550340)	2.25	25.7	4.59	1.33	0.29	0.12	0.15	0.054	0.06	6.9	5.3	0.09	1570	1.47
E5634725 (5550341)	2.32	26.3	4.61	1.28	0.28	0.11	0.17	0.054	0.07	6.9	5.1	0.09	2190	1.51
E5634726 (5550342)	1.83	22.2	3.78	0.63	0.22	0.11	0.10	0.051	0.07	4.5	1.3	0.06	703	1.80
E5634727 (5550343)	2.26	23.8	4.46	0.50	0.28	0.16	0.12	0.054	0.06	3.8	1.5	0.10	538	2.01
E5634728 (5550344)	3.50	31.8	4.54	0.73	0.25	0.12	0.19	0.046	0.08	4.3	1.6	0.11	702	2.27
E5634729 (5550345)	19.9	114	8.30	7.36	0.33	0.14	0.03	0.069	0.10	11.4	64.9	0.77	842	0.98
E5634730 (5550346)	19.4	170	7.21	7.35	0.32	0.06	0.07	0.072	0.09	16.9	72.9	1.03	2500	1.99
E5634731 (5550347)	9.91	178	5.66	6.22	0.30	0.11	0.05	0.040	0.07	10.6	70.7	0.83	3750	4.15
E5634732 (5550348)	3.00	39.9	4.32	5.64	0.27	0.04	0.04	0.022	0.08	3.4	41.1	0.75	391	0.81
E5634733 (5550349)	4.18	65.5	3.94	5.63	0.26	0.02	0.05	0.022	0.06	7.0	46.9	0.88	501	0.91
E5634734 (5550350)	6.56	79.6	3.93	5.47	0.26	0.21	0.02	0.035	0.11	4.8	55.7	1.39	3390	0.74
E5634735 (5550351)	4.82	74.6	4.95	6.39	0.27	0.05	0.03	0.032	0.08	6.3	46.4	0.90	795	1.31
E5634736 (5550352)	2.99	59.5	3.67	5.13	0.26	<0.02	0.03	0.023	0.07	9.8	37.7	0.72	716	1.22
E5634737 (5550353)	3.42	82.9	4.65	5.99	0.26	0.08	0.04	0.040	0.09	8.0	33.5	0.68	2290	1.52
E5634738 (5550354)	1.77	40.8	3.68	5.73	0.25	0.07	0.02	0.033	0.07	9.8	43.7	0.86	1340	1.15
E5634739 (5550355)	2.23	43.4	3.01	4.61	0.25	0.06	0.02	0.032	0.06	20.8	27.8	0.96	533	1.34
E5634740 (5550356)	1.94	27.3	3.16	5.83	0.26	0.06	0.03	0.033	0.06	26.5	36.8	1.13	331	1.28
E5634741 (5550357)	0.68	34.1	2.95	7.24	0.27	0.20	0.05	0.042	0.08	41.3	60.0	2.28	503	0.69
E5634742 (5550358)	1.09	34.2	3.15	2.21	0.26	0.13	0.04	0.040	0.06	31.3	9.4	0.24	791	0.69

Certified By:

*Ron Cardinal*





# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y860831

PROJECT NO:

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 08, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

Analyte:	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01
Sample ID (AGAT ID)														
E5544068 (5550142)	<0.01	0.34	39.6	805	64.5	5.1	0.001	0.045	2.84	9.7	1.0	0.4	15.9	<0.01
E5544069 (5550143)	<0.01	0.21	50.3	987	27.3	4.9	0.002	0.038	1.00	19.3	1.6	0.5	14.7	<0.01
E5544070 (5550144)	<0.01	0.08	67.6	836	33.2	4.3	0.001	0.025	0.45	23.7	1.3	0.3	30.6	<0.01
E5544071 (5550145)	<0.01	0.42	44.6	1850	21.6	6.5	0.003	0.085	0.82	27.2	1.6	0.3	13.8	<0.01
E5544072 (5550146)	<0.01	0.77	35.0	1400	30.7	8.2	0.001	0.076	1.21	7.4	0.9	0.5	14.8	<0.01
E5544073 (5550147)	<0.01	0.14	68.6	1180	58.8	5.2	0.003	0.067	3.59	27.2	2.5	0.3	16.9	<0.01
E5544074 (5550148)	<0.01	0.13	56.7	903	32.6	3.1	0.001	0.030	0.48	21.5	1.5	0.4	20.4	<0.01
E5544075 (5550149)	0.08	0.25	31.7	594	3.9	4.0	0.002	0.057	0.49	4.7	0.5	1.0	42.6	<0.01
E5544076 (5550150)	<0.01	0.45	38.2	1760	23.2	11.2	0.002	0.086	0.48	20.1	1.3	0.4	16.5	<0.01
E5578454 (5550151)	<0.01	0.75	20.7	1570	17.0	11.0	<0.001	0.118	1.01	2.8	0.7	0.6	8.1	<0.01
E5578455 (5550152)	<0.01	0.16	17.1	866	25.7	5.0	0.001	0.078	0.69	7.8	1.0	0.2	16.2	<0.01
E5578456 (5550153)	<0.01	0.14	17.5	900	24.4	6.5	0.002	0.101	0.74	6.2	1.2	0.3	20.5	<0.01
E5578457 (5550154)	<0.01	0.13	23.1	711	34.2	5.5	0.002	0.064	1.10	8.2	1.2	0.3	15.7	<0.01
E5578458 (5550155)	<0.01	0.17	37.7	779	22.6	5.6	0.002	0.061	1.68	18.5	1.3	0.3	12.6	<0.01
E5578459 (5550156)	<0.01	0.22	31.9	953	20.8	5.4	0.002	0.069	0.60	15.3	1.4	0.3	16.8	<0.01
E5578553 (5550157)	<0.01	0.55	20.1	1300	52.5	14.9	<0.001	0.105	1.04	2.4	0.7	0.6	7.5	<0.01
E5578554 (5550158)	<0.01	0.51	29.7	1520	78.7	11.9	0.001	0.078	0.84	6.2	0.8	0.4	27.1	<0.01
E5578555 (5550159)	<0.01	0.92	44.4	1220	46.1	14.1	<0.001	0.054	0.85	4.4	0.6	0.5	9.8	<0.01
E5578556 (5550160)	<0.01	0.51	30.7	1020	21.4	8.9	<0.001	0.093	2.49	2.7	1.0	0.5	8.3	<0.01
E5578557 (5550161)	<0.01	0.47	60.2	1220	16.1	10.4	0.002	0.094	2.09	1.9	0.8	0.3	11.3	<0.01
E5578558 (5550162)	<0.01	0.66	27.5	566	16.3	11.7	<0.001	0.039	0.79	3.2	0.7	0.5	7.7	<0.01
E5578559 (5550163)	<0.01	0.06	44.9	690	24.1	5.6	0.002	0.065	4.80	4.6	1.0	<0.2	18.5	<0.01
E5578589 (5550164)	<0.01	0.48	44.3	768	12.8	7.5	0.002	0.077	0.35	19.7	1.3	0.3	42.9	<0.01
E5578590 (5550165)	<0.01	0.49	45.4	671	13.4	7.9	0.001	0.053	0.23	23.6	1.5	0.3	36.3	<0.01
E5578591 (5550166)	<0.01	0.51	42.2	761	11.5	9.2	0.002	0.083	0.36	20.8	1.9	0.3	40.5	<0.01
E5578592 (5550167)	<0.01	0.27	31.9	860	15.6	6.4	0.002	0.106	0.63	12.7	1.5	0.2	46.9	<0.01
E5578593 (5550168)	<0.01	0.42	29.6	892	11.3	8.4	0.001	0.108	0.80	13.2	1.7	0.3	43.4	<0.01
E5578594 (5550169)	<0.01	0.26	36.1	892	16.7	8.3	0.001	0.069	0.40	10.5	1.2	0.3	29.1	<0.01
E5578595 (5550170)	<0.01	0.27	25.5	657	16.2	7.1	0.001	0.100	0.46	7.4	0.9	0.3	21.5	<0.01
E5578596 (5550171)	<0.01	0.14	24.9	836	24.8	5.6	0.001	0.114	1.06	8.3	1.3	0.2	27.6	<0.01
E5578597 (5550172)	<0.01	0.16	28.8	686	23.3	6.5	<0.001	0.077	0.75	10.4	1.0	0.3	22.4	<0.01
E5578598 (5550173)	<0.01	0.31	26.0	902	17.7	6.0	<0.001	0.107	0.61	8.2	1.4	0.2	42.1	<0.01

Certified By:

*Ron Cardinali*



## Certificate of Analysis

AGAT WORK ORDER: 14Y860831

PROJECT NO:

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 08, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

Analyte:	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01
Sample ID (AGAT ID)														
E5578599 (5550174)	<0.01	1.07	29.5	651	10.5	6.8	<0.001	0.086	0.61	14.2	1.2	0.3	29.4	0.03
E5578600 (5550175)	0.03	<0.05	>10000	56	14.1	0.9	0.041	7.00	1.39	9.1	11.3	2.4	3.4	<0.01
E5578601 (5550176)	<0.01	0.43	35.0	821	24.5	6.1	0.001	0.121	0.77	8.0	1.8	0.3	41.9	0.02
E5578602 (5550177)	<0.01	0.42	30.3	699	17.7	6.8	0.001	0.090	0.66	10.8	1.4	0.3	34.8	0.01
E5578603 (5550178)	<0.01	0.17	27.9	670	27.0	6.4	0.001	0.106	1.18	9.8	1.2	0.3	28.9	<0.01
E5577253 (5550179)	<0.01	0.29	42.3	1800	22.3	8.9	0.002	0.092	0.73	29.3	2.0	0.3	51.8	<0.01
E5577254 (5550180)	<0.01	0.31	41.8	2290	25.8	9.4	<0.001	0.109	0.67	22.1	1.2	0.4	30.0	<0.01
E5577255 (5550181)	<0.01	0.23	51.0	1040	19.7	6.1	0.002	0.054	0.59	26.1	1.4	0.3	31.7	<0.01
E5577256 (5550182)	<0.01	0.49	33.3	1360	15.5	8.9	<0.001	0.076	0.75	10.0	0.6	0.5	20.7	<0.01
E5577257 (5550183)	<0.01	0.34	29.5	2250	14.4	9.4	<0.001	0.158	0.60	10.2	0.6	0.3	21.9	<0.01
E5577258 (5550184)	<0.01	0.22	31.4	2210	33.6	8.6	<0.001	0.090	0.70	4.9	0.7	0.3	12.1	<0.01
E5577259 (5550185)	0.03	<0.05	107	892	22.4	4.9	0.005	0.240	1.94	14.5	2.4	0.2	52.0	<0.01
E5577660 (5550186)	0.02	0.09	37.5	646	30.4	6.8	0.001	0.146	2.39	4.6	1.6	0.2	33.6	<0.01
E5577661 (5550187)	<0.01	0.30	37.1	794	29.7	6.3	<0.001	0.018	0.90	3.3	0.6	0.2	12.6	<0.01
E5577662 (5550188)	<0.01	0.48	17.5	1550	23.4	9.7	<0.001	0.107	0.76	0.8	0.6	0.4	9.1	<0.01
E5577663 (5550189)	<0.01	0.47	34.6	1020	26.7	8.7	<0.001	0.050	0.78	2.5	0.5	0.3	10.2	<0.01
E5577664 (5550190)	<0.01	0.43	24.4	974	28.0	9.2	<0.001	0.066	0.98	2.1	0.7	0.3	7.8	<0.01
E5577665 (5550191)	0.01	<0.05	17.3	1010	36.6	6.6	0.001	0.161	1.10	3.5	1.4	0.2	60.1	<0.01
E5577666 (5550192)	<0.01	0.35	25.1	1010	26.8	8.7	<0.001	0.064	1.09	1.3	0.7	0.3	8.3	<0.01
E5577667 (5550193)	<0.01	0.38	33.1	647	21.8	6.4	0.001	0.043	1.11	2.3	0.7	0.3	10.4	<0.01
E5577668 (5550194)	<0.01	0.29	35.2	925	24.9	8.5	<0.001	0.071	1.01	3.9	0.8	0.3	17.2	<0.01
E5577669 (5550195)	<0.01	0.07	49.6	887	22.5	6.2	0.001	0.041	0.89	8.4	0.7	<0.2	13.7	<0.01
E5577670 (5550196)	<0.01	0.38	47.5	791	16.4	6.7	<0.001	0.028	1.00	6.7	0.8	0.3	13.4	<0.01
E5577671 (5550197)	<0.01	0.38	36.5	1430	19.4	8.3	<0.001	0.070	0.71	4.6	0.5	0.3	8.5	<0.01
E5577672 (5550198)	<0.01	0.39	33.4	1090	16.8	8.4	<0.001	0.054	0.76	2.9	0.5	0.3	8.3	<0.01
E5577673 (5550199)	<0.01	0.48	31.5	2210	16.9	9.8	<0.001	0.140	0.60	7.3	0.6	0.4	18.8	<0.01
E5577674 (5550200)	<0.01	0.52	37.7	855	16.4	7.4	<0.001	0.044	0.78	4.6	0.6	0.3	8.1	<0.01
E5577675 (5550201)	0.08	0.20	34.2	624	3.6	4.4	0.002	0.064	0.48	5.1	0.6	1.0	46.5	<0.01
E5577676 (5550202)	<0.01	0.60	31.6	1490	23.9	11.6	<0.001	0.084	1.07	2.6	0.7	0.4	11.7	<0.01
E5577677 (5550203)	<0.01	0.62	38.2	957	19.6	11.6	0.001	0.044	0.99	9.9	0.8	0.4	16.0	<0.01
E5577678 (5550204)	<0.01	0.34	34.4	1540	22.4	9.3	<0.001	0.088	0.71	3.9	0.8	0.3	9.5	<0.01
E5577679 (5550205)	<0.01	0.76	34.5	823	18.1	10.0	<0.001	0.042	0.76	6.2	0.6	0.4	20.2	<0.01

Certified By:

*Ron Cardinali*



# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y860831

PROJECT NO:

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 08, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

Analyte:	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01
Sample ID (AGAT ID)														
E5578410 (5550206)	<0.01	0.43	35.5	1120	10.4	7.5	<0.001	0.072	0.72	2.5	0.7	0.3	15.2	<0.01
E5578411 (5550207)	<0.01	0.18	41.9	1310	13.3	5.5	<0.001	0.045	0.56	2.9	0.6	0.3	14.0	<0.01
E5578412 (5550208)	<0.01	0.14	39.5	1580	19.8	6.9	<0.001	0.068	0.75	7.8	0.8	<0.2	10.3	<0.01
E5578413 (5550209)	<0.01	0.09	43.6	2030	20.8	6.1	<0.001	0.046	0.49	4.5	0.7	0.3	10.2	<0.01
E5578414 (5550210)	<0.01	0.38	36.0	1240	17.6	6.3	<0.001	0.053	0.57	7.3	0.6	0.3	13.0	<0.01
E5578415 (5550211)	<0.01	0.70	18.1	1360	16.2	11.2	<0.001	0.108	0.76	1.1	0.7	0.6	6.4	<0.01
E5578416 (5550212)	<0.01	0.65	25.3	886	12.4	9.8	<0.001	0.050	0.65	2.1	0.6	0.5	9.1	<0.01
E5578417 (5550213)	<0.01	0.68	24.3	1150	14.2	10.8	<0.001	0.081	0.68	1.5	0.6	0.4	5.9	<0.01
E5578418 (5550214)	<0.01	0.41	27.6	1480	18.0	13.0	<0.001	0.086	0.59	1.8	0.4	0.4	5.5	<0.01
E5578419 (5550215)	<0.01	0.91	34.6	673	13.8	9.5	<0.001	0.031	0.70	3.8	0.6	0.5	8.5	<0.01
E5544077 (5550216)	<0.01	<0.05	32.8	1820	22.5	2.6	0.001	0.042	0.35	6.1	1.3	<0.2	109	<0.01
E5544078 (5550217)	<0.01	<0.05	34.9	1020	30.2	2.7	0.001	0.043	0.46	6.0	1.1	<0.2	50.5	<0.01
E5544079 (5550218)	<0.01	<0.05	54.8	986	21.7	2.6	0.001	0.013	1.30	7.6	1.2	<0.2	42.8	<0.01
E5544080 (5550219)	<0.01	<0.05	31.8	1100	22.5	5.0	<0.001	0.072	0.35	3.5	1.1	<0.2	24.0	<0.01
E5544081 (5550220)	<0.01	0.07	25.2	1250	18.5	4.9	<0.001	0.087	0.40	2.8	0.7	0.2	12.3	<0.01
E5544082 (5550221)	0.01	<0.05	26.9	1530	22.8	5.1	0.001	0.157	0.33	5.3	1.2	0.2	49.7	<0.01
E5544083 (5550222)	<0.01	<0.05	32.4	1710	27.1	3.3	0.002	0.086	0.44	6.1	2.1	0.2	86.7	<0.01
E5544084 (5550223)	<0.01	<0.05	32.5	1510	18.2	2.9	0.001	0.126	0.32	4.0	2.3	<0.2	77.5	<0.01
E5544085 (5550224)	<0.01	<0.05	35.1	994	24.2	4.8	0.001	0.114	0.48	6.2	1.5	0.2	50.1	<0.01
E5544086 (5550225)	<0.01	<0.05	34.4	1650	21.5	3.2	0.002	0.057	0.45	6.4	1.9	<0.2	278	<0.01
E5544087 (5550226)	0.01	<0.05	46.9	536	37.8	4.1	<0.001	0.073	0.70	8.2	1.1	0.2	25.4	<0.01
E5544088 (5550227)	<0.01	<0.05	55.4	914	36.5	4.3	<0.001	0.032	0.51	12.8	1.0	0.2	28.9	<0.01
E5544089 (5550228)	<0.01	<0.05	36.7	1420	28.5	7.2	<0.001	0.083	0.50	8.8	1.0	0.3	20.0	<0.01
E5544090 (5550229)	<0.01	0.14	27.6	1810	31.3	7.7	<0.001	0.148	0.54	6.4	0.8	0.3	13.4	<0.01
E5544091 (5550230)	<0.01	0.09	40.3	1280	75.3	8.6	0.001	0.068	0.68	7.1	1.1	0.3	30.3	<0.01
E5544092 (5550231)	<0.01	<0.05	64.4	1370	93.6	6.4	<0.001	0.073	1.16	11.2	1.6	0.2	25.1	<0.01
E5544093 (5550232)	<0.01	<0.05	34.2	1490	39.5	6.3	<0.001	0.112	0.52	4.4	0.6	0.2	12.0	<0.01
E5544094 (5550233)	<0.01	0.10	39.9	986	50.6	5.0	<0.001	0.040	0.57	3.8	0.7	0.2	31.8	<0.01
E5544095 (5550234)	<0.01	<0.05	39.6	1400	24.8	4.3	0.002	0.067	0.41	8.0	1.5	0.2	111	<0.01
E5544096 (5550235)	<0.01	<0.05	34.0	1200	21.6	3.3	0.001	0.112	0.36	5.2	1.8	<0.2	65.5	<0.01
E5544097 (5550236)	0.01	<0.05	44.4	1070	31.4	3.3	0.001	0.098	0.64	7.9	1.6	0.2	116	<0.01
E5577310 (5550237)	<0.01	0.26	38.0	474	16.4	6.0	0.001	0.045	0.56	17.5	1.1	0.3	33.1	<0.01

Certified By:

*Ron Cardinal*



## Certificate of Analysis

AGAT WORK ORDER: 14Y860831

PROJECT NO:

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 08, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

Analyte:	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01
Sample ID (AGAT ID)														
E5577311 (5550238)	<0.01	0.06	48.5	821	15.8	4.1	0.001	0.024	0.89	16.3	0.9	0.3	17.1	<0.01
E5577312 (5550239)	<0.01	0.29	39.0	534	18.8	7.2	<0.001	0.064	0.59	19.1	1.6	0.3	44.3	<0.01
E5577313 (5550240)	<0.01	0.15	36.5	726	17.0	5.8	0.001	0.104	0.60	17.6	1.6	0.2	55.5	<0.01
E5577314 (5550241)	<0.01	0.61	33.7	810	15.0	5.8	0.001	0.112	0.55	15.6	1.4	<0.2	62.3	0.03
E5578604 (5550242)	<0.01	0.51	26.8	864	16.8	7.8	0.001	0.107	1.05	11.6	1.4	0.3	34.1	0.01
E5578605 (5550243)	<0.01	0.31	22.1	865	14.3	7.9	0.001	0.126	0.75	7.7	0.8	0.2	29.1	0.01
E5578606 (5550244)	<0.01	0.34	21.7	862	12.2	7.8	<0.001	0.127	0.66	6.6	1.1	0.2	40.9	0.03
E5578607 (5550245)	<0.01	0.20	27.9	931	12.7	6.9	<0.001	0.133	0.39	7.8	1.3	0.2	44.3	0.01
E5578608 (5550246)	<0.01	0.40	27.2	981	15.4	8.2	<0.001	0.123	0.36	11.6	1.5	0.2	65.2	<0.01
E5578609 (5550247)	<0.01	0.24	33.9	1310	17.6	9.4	0.001	0.092	0.47	23.7	1.4	0.3	32.2	<0.01
E5544098 (5550248)	<0.01	0.07	57.3	561	38.4	4.0	0.001	0.055	0.66	6.4	0.7	<0.2	33.5	<0.01
E5544099 (5550249)	<0.01	<0.05	60.4	832	50.3	3.3	0.001	0.095	0.80	9.3	1.2	<0.2	83.4	<0.01
E5544100 (5550250)	0.04	<0.05	>10000	36	14.1	0.9	0.042	7.06	1.29	9.6	11.6	2.5	3.8	<0.01
E5544101 (5550251)	<0.01	<0.05	53.0	388	38.2	3.9	0.001	0.052	0.70	9.5	1.2	<0.2	33.9	<0.01
E5544102 (5550252)	<0.01	<0.05	35.8	719	30.7	3.7	0.001	0.085	0.42	8.7	1.0	<0.2	46.8	<0.01
E5544103 (5550253)	<0.01	0.51	18.6	1700	25.9	5.3	<0.001	0.075	0.42	3.2	0.8	0.3	62.8	<0.01
E5544104 (5550254)	<0.01	0.56	24.9	603	27.5	8.5	<0.001	0.037	0.89	3.1	0.6	0.4	18.7	<0.01
E5544105 (5550255)	<0.01	0.30	31.6	800	27.8	9.3	<0.001	0.032	0.66	2.9	0.5	0.4	16.8	<0.01
E5544106 (5550256)	<0.01	0.46	18.4	482	20.9	9.5	<0.001	0.023	0.74	2.6	0.5	0.4	13.1	<0.01
E5544107 (5550257)	<0.01	<0.05	77.9	3790	116	4.3	0.001	0.125	3.61	16.0	2.5	0.3	16.9	<0.01
E5544108 (5550258)	<0.01	<0.05	59.7	910	75.1	4.9	0.001	0.024	0.83	5.6	0.9	0.2	26.5	<0.01
E5544109 (5550259)	<0.01	0.17	57.2	1080	55.8	7.5	0.002	0.046	1.53	6.8	1.4	0.3	25.6	<0.01
E5577318 (5550260)	<0.01	<0.05	22.7	1140	27.9	5.5	<0.001	0.055	0.79	4.0	0.7	<0.2	9.2	<0.01
E5577319 (5550261)	<0.01	0.06	33.0	943	35.0	6.6	<0.001	0.077	0.56	2.8	0.5	0.2	12.8	<0.01
E5577320 (5550262)	<0.01	<0.05	49.8	792	107	4.0	<0.001	0.074	1.44	6.7	0.8	<0.2	55.1	<0.01
E5577321 (5550263)	<0.01	<0.05	39.5	1120	27.5	3.9	0.001	0.103	0.69	8.0	0.8	<0.2	45.4	<0.01
E5577322 (5550264)	<0.01	<0.05	40.8	749	32.6	4.0	<0.001	0.062	0.90	10.7	0.8	<0.2	49.5	<0.01
E5577323 (5550265)	<0.01	0.38	34.9	644	27.5	6.9	<0.001	0.033	0.85	3.4	0.5	0.3	29.0	<0.01
E5577324 (5550266)	<0.01	<0.05	33.0	1630	21.9	3.7	<0.001	0.037	1.65	5.7	1.2	<0.2	513	<0.01
E5577325 (5550267)	<0.01	0.06	35.1	1590	22.6	3.8	0.001	0.038	1.65	5.9	1.3	<0.2	506	<0.01
E5577326 (5550268)	<0.01	<0.05	37.1	670	30.4	5.0	<0.001	0.041	1.04	3.1	0.4	0.2	13.9	<0.01
E5577327 (5550269)	<0.01	0.34	30.9	615	30.0	4.7	<0.001	0.018	0.63	2.1	0.4	0.3	11.0	<0.01

Certified By:

*Ron Cardinal*



## Certificate of Analysis

AGAT WORK ORDER: 14Y860831

PROJECT NO:

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 08, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

Analyte:	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01
Sample ID (AGAT ID)														
E5577328 (5550270)	<0.01	0.20	39.1	477	41.6	5.6	0.001	0.025	0.76	6.7	0.7	0.3	14.7	<0.01
E5577329 (5550271)	<0.01	<0.05	71.6	866	56.7	3.6	0.002	0.125	2.06	11.9	1.1	0.2	56.1	<0.01
E5577330 (5550272)	<0.01	<0.05	32.8	975	30.9	7.4	<0.001	0.088	1.18	4.9	0.5	0.3	13.9	<0.01
E5577331 (5550273)	<0.01	0.11	29.9	1200	31.8	9.5	<0.001	0.067	0.86	4.3	0.6	0.4	9.9	<0.01
E5577332 (5550274)	<0.01	0.31	21.6	1050	34.6	10.3	<0.001	0.063	0.90	1.6	0.5	0.5	8.5	<0.01
E5577333 (5550275)	<0.01	0.38	33.0	909	31.2	9.1	<0.001	0.048	1.24	3.3	0.5	0.5	6.6	<0.01
E5577334 (5550276)	<0.01	0.19	47.6	731	31.6	7.2	0.001	0.041	1.16	8.1	0.8	0.2	19.2	<0.01
E5577335 (5550277)	<0.01	<0.05	41.7	750	28.7	4.6	0.002	0.053	0.86	8.6	1.1	0.2	43.2	<0.01
E5577336 (5550278)	<0.01	<0.05	39.6	735	28.1	4.4	<0.001	0.065	1.06	8.2	1.2	0.2	121	<0.01
E5577337 (5550279)	<0.01	0.33	29.9	708	23.3	6.4	<0.001	0.034	0.91	2.3	0.5	0.4	8.8	<0.01
E5577338 (5550280)	<0.01	0.37	34.0	778	27.5	6.7	<0.001	0.039	0.85	3.1	0.5	0.3	11.2	<0.01
E5577339 (5550281)	<0.01	0.56	38.4	1030	40.7	7.8	<0.001	0.022	0.89	6.0	0.8	0.4	16.0	<0.01
E5577340 (5550282)	<0.01	0.50	27.2	772	26.9	9.6	<0.001	0.029	1.30	2.6	0.6	0.6	11.0	<0.01
E5577341 (5550283)	<0.01	0.93	38.0	767	24.8	7.6	<0.001	0.014	1.04	3.7	0.7	0.4	15.9	<0.01
E5577342 (5550284)	<0.01	0.77	34.0	802	37.0	5.7	<0.001	0.020	0.85	3.5	0.6	0.3	16.5	<0.01
E5577343 (5550285)	<0.01	0.14	31.2	1040	34.3	8.2	<0.001	0.086	0.85	4.5	0.6	0.3	15.6	<0.01
E5577344 (5550286)	<0.01	0.23	35.9	963	42.5	9.4	<0.001	0.047	0.84	6.9	0.7	0.4	20.0	<0.01
E5577345 (5550287)	<0.01	<0.05	32.9	644	33.1	5.4	<0.001	0.066	1.19	5.3	0.6	0.2	50.9	<0.01
E5577346 (5550288)	<0.01	<0.05	39.2	768	38.8	5.7	0.001	0.048	1.00	8.8	0.8	0.6	42.9	<0.01
E5577347 (5550289)	<0.01	0.24	42.9	787	38.5	5.6	0.001	0.041	2.01	9.5	0.9	0.2	39.6	<0.01
E5577348 (5550290)	<0.01	0.19	35.5	836	32.6	6.8	0.001	0.051	1.30	10.2	1.0	0.3	44.5	<0.01
E5577349 (5550291)	<0.01	0.13	38.1	1110	39.2	6.0	0.001	0.070	1.07	10.3	1.2	0.2	38.4	<0.01
E5577350 (5550292)	0.29	0.82	4310	680	16.9	9.7	0.006	1.67	0.37	4.9	4.6	2.9	61.7	0.01
E5577351 (5550293)	<0.01	0.27	32.0	1200	34.2	7.8	0.001	0.090	0.79	8.4	1.1	0.2	51.0	<0.01
E5577352 (5550294)	<0.01	0.13	32.9	1060	37.5	8.0	0.001	0.064	0.68	8.1	0.9	0.3	32.8	<0.01
E5577353 (5550295)	<0.01	0.10	34.8	812	35.8	7.5	0.001	0.044	0.71	7.8	0.7	0.3	28.3	<0.01
E5577354 (5550296)	<0.01	<0.05	30.7	885	38.0	8.2	<0.001	0.059	0.54	6.8	0.7	0.3	25.2	<0.01
E5577355 (5550297)	<0.01	0.14	37.0	991	53.5	8.0	<0.001	0.062	0.38	4.5	0.6	0.3	11.7	<0.01
E5577356 (5550298)	<0.01	0.16	35.4	904	42.1	6.3	<0.001	0.036	0.76	8.0	0.7	0.3	30.1	<0.01
E5577357 (5550299)	<0.01	<0.05	108	747	49.1	7.7	0.001	0.025	3.54	14.4	1.5	0.2	10.7	<0.01
E5577358 (5550300)	<0.01	0.26	29.2	857	26.2	9.0	<0.001	0.047	0.90	5.2	0.5	0.3	8.4	<0.01
E5577359 (5550301)	<0.01	0.46	33.6	572	21.7	8.3	<0.001	0.033	0.72	2.6	0.3	0.4	12.4	<0.01

Certified By:

Ron Cardinali



# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y860831

PROJECT NO:

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 08, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

Analyte:	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01
Sample ID (AGAT ID)														
E5578160 (5550302)	<0.01	0.13	45.6	1040	34.8	4.7	0.002	0.031	0.73	6.4	1.1	0.2	52.9	<0.01
E5578161 (5550303)	<0.01	0.16	38.7	1060	29.0	4.3	0.001	0.018	0.68	5.9	0.8	<0.2	54.5	<0.01
E5578162 (5550304)	<0.01	0.05	36.4	1160	31.7	5.2	0.001	0.056	0.66	6.4	0.9	<0.2	71.8	<0.01
E5578163 (5550305)	<0.01	0.12	38.3	1250	33.8	6.2	0.002	0.072	0.67	7.6	1.1	0.2	85.4	<0.01
E5578164 (5550306)	<0.01	<0.05	27.3	1130	21.0	5.4	<0.001	0.057	0.43	5.2	0.9	<0.2	68.0	<0.01
E5578165 (5550307)	<0.01	<0.05	26.2	1260	21.5	7.7	<0.001	0.075	0.45	4.7	0.6	0.2	60.8	<0.01
E5578166 (5550308)	<0.01	0.24	30.1	1280	21.4	10.6	<0.001	0.038	0.56	6.0	1.1	0.3	53.3	<0.01
E5578167 (5550309)	<0.01	0.25	20.6	1400	22.1	10.4	0.001	0.052	0.52	4.4	0.9	0.3	43.2	<0.01
E5578168 (5550310)	<0.01	<0.05	35.9	1070	25.2	5.7	0.001	0.036	0.51	6.6	0.8	<0.2	79.2	<0.01
E5578169 (5550311)	<0.01	0.15	27.7	1720	18.9	10.8	<0.001	0.074	0.54	4.1	0.8	0.2	43.0	<0.01
E5578170 (5550312)	<0.01	0.39	31.3	1270	29.4	9.7	<0.001	0.038	0.90	3.4	0.6	0.3	12.8	<0.01
E5578171 (5550313)	<0.01	0.29	27.0	1080	22.0	12.0	<0.001	0.032	0.66	3.2	0.4	0.4	15.1	<0.01
E5578172 (5550314)	<0.01	0.32	30.3	787	24.7	9.0	<0.001	0.026	0.62	2.8	0.4	0.3	16.8	<0.01
E5578173 (5550315)	<0.01	0.11	33.7	1030	29.3	8.5	<0.001	0.018	0.64	3.6	0.5	0.2	27.1	<0.01
E5578174 (5550316)	<0.01	0.28	19.7	1430	17.9	13.1	<0.001	0.069	0.65	2.4	0.3	0.3	15.8	<0.01
E5578175 (5550317)	0.13	0.41	32.5	609	3.8	4.9	0.002	0.066	0.48	5.9	0.6	1.0	52.0	<0.01
E5578176 (5550318)	<0.01	0.35	31.3	931	27.1	9.6	<0.001	0.024	0.56	3.3	0.6	0.3	16.0	<0.01
E5578177 (5550319)	<0.01	0.35	30.5	900	27.3	9.7	<0.001	0.015	0.59	2.9	0.5	0.3	18.9	<0.01
E5578178 (5550320)	<0.01	0.41	22.9	1060	18.2	9.8	<0.001	0.048	0.67	2.3	0.4	0.3	16.9	<0.01
E5578179 (5550321)	<0.01	0.23	25.5	1080	22.3	9.2	<0.001	0.031	0.59	2.6	0.4	0.2	12.9	<0.01
E5578180 (5550322)	<0.01	0.24	20.1	1100	22.2	13.4	<0.001	0.050	0.61	2.9	0.4	0.3	12.5	<0.01
E5578181 (5550323)	<0.01	0.07	28.0	905	27.6	8.4	<0.001	0.028	0.65	3.0	0.4	<0.2	13.0	<0.01
E5578182 (5550324)	<0.01	<0.05	42.1	702	39.6	4.2	<0.001	0.005	0.56	4.6	0.5	<0.2	32.9	<0.01
E5578183 (5550325)	<0.01	0.41	29.1	2980	38.4	16.7	0.001	0.126	0.93	6.8	0.9	0.4	86.3	<0.01
E5578184 (5550326)	<0.01	0.53	24.6	916	20.9	10.6	<0.001	0.048	0.84	2.1	0.5	0.5	20.0	<0.01
E5578185 (5550327)	<0.01	0.50	23.5	1120	20.5	9.1	<0.001	0.050	0.75	2.4	0.6	0.4	14.9	<0.01
E5578503 (5550328)	<0.01	<0.05	16.7	1860	20.7	8.1	0.002	0.080	0.35	6.1	1.4	<0.2	70.3	<0.01
E5578504 (5550329)	<0.01	0.13	20.2	1410	19.8	11.6	0.001	0.061	0.47	4.0	0.6	0.3	26.8	<0.01
E5578505 (5550330)	<0.01	0.48	21.7	2090	22.3	10.3	<0.001	0.082	0.52	2.9	0.5	0.3	33.8	0.04
E5578506 (5550331)	<0.01	0.45	21.8	1610	19.0	10.3	0.001	0.094	0.47	6.3	1.3	0.2	54.3	0.04
E5578507 (5550332)	<0.01	0.38	23.8	1130	19.9	11.0	0.001	0.044	0.50	4.9	0.8	0.3	27.9	<0.01
E5578508 (5550333)	<0.01	0.18	23.5	2030	28.0	9.1	0.001	0.092	0.45	4.2	1.0	0.2	47.5	0.01

Certified By:

*Ron Cardinal*



# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y860831

PROJECT NO:

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 08, 2014		DATE RECEIVED: Jul 08, 2014					DATE REPORTED: Jul 21, 2014					SAMPLE TYPE: Soil			
	Analyte:	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta
	Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID)	RDL:	0.01	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01
E5578509 (5550334)		<0.01	0.31	27.6	1360	24.9	6.0	0.001	0.108	0.49	4.7	1.0	0.2	116	0.03
E5634719 (5550335)		<0.01	0.23	21.6	1180	17.9	5.7	0.001	0.077	0.49	5.6	1.2	0.2	48.1	0.01
E5634720 (5550336)		0.01	<0.05	39.4	1430	25.0	4.7	0.002	0.109	0.48	8.1	2.0	0.2	101	<0.01
E5634721 (5550337)		0.02	<0.05	27.1	1180	38.1	5.2	<0.001	0.152	1.21	4.4	1.1	0.2	68.1	<0.01
E5634722 (5550338)		<0.01	<0.05	25.5	1370	27.5	4.7	0.001	0.079	0.39	4.3	1.5	0.2	66.7	<0.01
E5634723 (5550339)		<0.01	<0.05	32.5	2320	23.8	4.4	0.001	0.084	0.49	7.3	1.9	<0.2	160	<0.01
E5634724 (5550340)		<0.01	<0.05	46.0	1930	20.4	5.9	0.001	0.059	0.33	8.4	1.8	0.2	59.7	<0.01
E5634725 (5550341)		<0.01	<0.05	48.5	2150	21.0	5.6	0.001	0.055	0.34	8.8	1.9	0.2	64.2	<0.01
E5634726 (5550342)		0.01	<0.05	40.4	1440	18.9	4.4	<0.001	0.065	0.28	9.7	2.2	<0.2	449	<0.01
E5634727 (5550343)		<0.01	<0.05	41.7	869	20.2	3.9	0.001	0.075	0.31	10.2	2.0	<0.2	62.1	<0.01
E5634728 (5550344)		0.01	<0.05	50.4	1900	24.3	5.0	0.002	0.189	0.44	7.0	2.6	0.2	175	<0.01
E5634729 (5550345)		0.02	<0.05	40.5	1030	90.2	8.1	<0.001	0.181	1.44	15.3	0.7	0.4	65.0	<0.01
E5634730 (5550346)		0.03	<0.05	51.4	1290	226	8.1	<0.001	0.230	2.34	16.9	1.0	0.2	113	<0.01
E5634731 (5550347)		0.03	<0.05	55.2	709	138	6.9	0.001	0.124	4.65	7.8	1.5	0.2	62.7	<0.01
E5634732 (5550348)		<0.01	0.07	32.7	1080	11.0	11.0	<0.001	0.054	0.42	3.3	0.6	0.2	8.2	<0.01
E5634733 (5550349)		<0.01	0.18	34.0	920	83.9	7.5	<0.001	0.041	0.58	3.3	0.8	0.3	11.4	<0.01
E5634734 (5550350)		<0.01	<0.05	54.6	596	36.4	6.3	0.001	0.013	0.83	12.8	0.9	0.3	24.0	<0.01
E5634735 (5550351)		<0.01	0.33	32.6	1690	37.7	10.9	<0.001	0.057	0.62	3.0	0.9	0.3	11.4	<0.01
E5634736 (5550352)		<0.01	0.41	31.8	800	40.6	7.9	<0.001	0.034	0.67	3.0	0.5	0.3	12.0	<0.01
E5634737 (5550353)		<0.01	0.19	33.1	1710	102	12.8	0.001	0.070	0.63	4.9	0.9	0.3	23.3	<0.01
E5634738 (5550354)		<0.01	0.18	33.6	1090	32.1	11.1	<0.001	0.044	0.51	4.0	0.6	0.3	15.3	<0.01
E5634739 (5550355)		0.01	0.60	35.3	742	25.1	7.3	0.001	0.026	0.95	5.8	0.7	0.3	21.4	<0.01
E5634740 (5550356)		<0.01	0.53	28.4	669	15.5	8.3	<0.001	0.036	0.75	4.8	0.7	0.4	14.3	<0.01
E5634741 (5550357)		<0.01	0.15	29.7	832	20.9	8.1	0.001	0.060	0.43	6.8	1.3	0.3	45.9	<0.01
E5634742 (5550358)		<0.01	0.06	22.1	1080	19.6	7.9	0.002	0.071	0.77	5.3	1.1	<0.2	44.8	<0.01

Certified By:

*Ron Cardinal*





# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y860831

PROJECT NO:

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 08, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

Analyte:	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
Sample ID (AGAT ID)										
E5544068 (5550142)	0.24	2.5	<0.005	0.15	0.33	35.5	0.17	17.5	84.4	2.9
E5544069 (5550143)	0.20	3.0	0.012	0.14	0.41	77.5	0.20	32.1	110	1.8
E5544070 (5550144)	0.17	2.7	0.008	0.13	0.33	100	0.06	23.1	114	2.5
E5544071 (5550145)	0.14	1.7	0.016	0.12	0.46	82.9	0.14	36.8	89.2	1.2
E5544072 (5550146)	0.12	0.8	0.027	0.11	0.56	80.8	0.19	14.2	95.2	<0.5
E5544073 (5550147)	0.12	1.9	0.005	0.12	0.76	106	0.94	62.4	209	1.3
E5544074 (5550148)	0.13	1.7	0.010	0.11	0.48	102	0.08	33.0	117	0.7
E5544075 (5550149)	0.07	1.2	0.135	0.06	0.31	58.9	0.39	7.65	43.6	5.9
E5544076 (5550150)	0.10	1.6	0.015	0.09	0.42	83.7	0.08	31.6	87.6	2.1
E5578454 (5550151)	0.11	0.2	0.021	0.13	0.51	80.3	0.17	7.39	73.3	<0.5
E5578455 (5550152)	0.08	2.3	0.006	0.12	0.48	25.7	0.06	26.1	95.7	3.3
E5578456 (5550153)	0.06	1.4	0.006	0.11	0.52	26.6	0.07	30.0	105	1.9
E5578457 (5550154)	0.06	2.6	0.006	0.16	0.57	28.2	0.11	32.1	106	3.4
E5578458 (5550155)	0.07	2.3	0.009	0.11	0.39	60.5	0.13	32.7	91.9	2.6
E5578459 (5550156)	0.09	1.8	0.012	0.10	0.42	56.8	0.11	29.6	80.6	2.4
E5578553 (5550157)	0.09	0.5	0.023	0.16	0.66	51.1	0.24	6.82	84.3	<0.5
E5578554 (5550158)	0.06	3.1	0.018	0.16	0.77	40.0	0.13	15.5	93.0	1.5
E5578555 (5550159)	0.08	2.3	0.021	0.15	0.66	47.3	0.15	6.55	101	<0.5
E5578556 (5550160)	0.09	1.0	0.015	0.69	0.89	31.6	0.15	5.05	80.1	<0.5
E5578557 (5550161)	0.18	0.4	0.011	0.19	0.79	25.4	0.12	5.12	86.2	<0.5
E5578558 (5550162)	0.10	1.2	0.024	0.28	0.79	45.4	0.20	7.01	75.1	<0.5
E5578559 (5550163)	0.10	2.9	0.006	0.19	0.64	21.9	<0.05	7.16	91.1	0.5
E5578589 (5550164)	0.11	2.0	0.018	0.08	0.48	80.2	0.08	20.9	96.7	1.5
E5578590 (5550165)	0.09	2.6	0.016	0.09	0.54	85.0	0.06	26.2	92.9	1.8
E5578591 (5550166)	0.10	2.0	0.013	0.10	0.57	86.6	0.07	22.8	84.5	1.6
E5578592 (5550167)	0.12	1.4	0.009	0.09	0.32	49.1	0.05	16.6	74.4	1.6
E5578593 (5550168)	0.10	1.6	0.010	0.11	0.75	54.6	0.07	18.7	73.2	2.1
E5578594 (5550169)	0.13	2.7	0.008	0.09	0.46	54.4	0.05	22.1	74.7	3.9
E5578595 (5550170)	0.11	2.3	0.007	0.11	0.82	39.8	<0.05	11.7	64.6	3.1
E5578596 (5550171)	0.11	1.5	0.006	0.12	0.81	32.2	<0.05	21.8	68.5	1.9
E5578597 (5550172)	0.10	2.2	0.006	0.12	0.42	40.4	<0.05	17.7	77.0	2.4
E5578598 (5550173)	0.10	1.3	0.008	0.13	0.61	44.4	0.05	14.2	62.3	1.7

Certified By:

*Ron Cardinal*





# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y860831

PROJECT NO:

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 08, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

Analyte:	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
Sample ID (AGAT ID)										
E5578599 (5550174)	0.09	2.2	0.014	0.11	0.58	59.4	0.12	17.1	64.8	1.6
E5578600 (5550175)	0.87	0.7	0.025	0.04	0.09	43.4	0.48	2.96	41.7	2.0
E5578601 (5550176)	0.31	1.2	0.007	0.12	0.56	34.9	0.08	17.1	67.5	1.7
E5578602 (5550177)	0.19	1.5	0.008	0.13	0.52	40.7	0.06	20.0	66.9	1.6
E5578603 (5550178)	0.13	2.2	<0.005	0.15	0.55	33.2	<0.05	17.4	78.6	2.1
E5577253 (5550179)	0.15	1.7	0.016	0.16	0.60	124	0.10	43.9	84.3	1.4
E5577254 (5550180)	0.22	1.7	0.016	0.14	0.39	138	0.11	24.7	93.5	1.6
E5577255 (5550181)	0.17	2.4	0.015	0.11	0.43	129	0.07	34.7	90.7	2.1
E5577256 (5550182)	0.14	1.5	0.020	0.14	0.41	112	0.16	7.54	82.3	1.0
E5577257 (5550183)	0.13	1.0	0.013	0.13	0.45	93.0	0.11	10.0	70.7	1.1
E5577258 (5550184)	0.14	1.3	0.013	0.09	0.66	57.9	0.11	8.56	77.1	1.4
E5577259 (5550185)	0.30	5.2	0.008	0.30	1.95	29.8	<0.05	22.1	139	4.7
E5577660 (5550186)	0.19	4.9	0.007	0.50	0.64	25.1	<0.05	3.31	67.6	2.0
E5577661 (5550187)	0.10	2.0	0.013	0.09	0.59	35.5	0.10	6.66	80.8	0.6
E5577662 (5550188)	0.12	0.3	0.010	0.08	0.69	42.2	0.11	4.35	73.0	<0.5
E5577663 (5550189)	0.10	1.0	0.013	0.09	0.52	45.0	0.12	5.50	76.8	<0.5
E5577664 (5550190)	0.11	0.7	0.010	0.11	0.75	39.6	0.10	5.03	82.9	<0.5
E5577665 (5550191)	0.11	2.2	0.005	0.29	2.02	26.4	<0.05	7.47	58.5	2.4
E5577666 (5550192)	0.10	0.4	0.010	0.13	0.72	38.6	0.10	5.24	72.2	<0.5
E5577667 (5550193)	0.09	0.6	0.012	0.12	0.69	33.8	0.11	6.65	74.6	<0.5
E5577668 (5550194)	0.10	0.8	0.010	0.16	0.60	41.7	0.09	8.94	71.9	<0.5
E5577669 (5550195)	0.10	2.5	0.008	0.10	0.48	61.8	0.09	11.7	87.0	1.5
E5577670 (5550196)	0.09	1.2	0.024	0.13	0.56	74.3	0.15	11.1	105	<0.5
E5577671 (5550197)	0.11	0.9	0.013	0.10	0.39	91.4	0.10	8.15	78.1	0.7
E5577672 (5550198)	0.09	0.4	0.013	0.09	0.40	93.7	0.11	5.35	75.0	<0.5
E5577673 (5550199)	0.13	0.9	0.018	0.09	0.39	107	0.09	9.35	79.2	1.3
E5577674 (5550200)	0.10	0.8	0.015	0.10	0.42	89.3	0.12	6.49	76.3	<0.5
E5577675 (5550201)	0.05	1.1	0.141	0.06	0.30	63.7	0.35	8.17	44.0	6.1
E5577676 (5550202)	0.10	0.3	0.016	0.10	0.54	113	0.15	6.35	75.6	1.3
E5577677 (5550203)	0.10	2.0	0.021	0.16	0.49	82.9	0.13	10.6	86.1	0.8
E5577678 (5550204)	0.21	0.7	0.011	0.14	0.43	75.2	0.09	8.14	81.5	1.0
E5577679 (5550205)	0.14	1.6	0.022	0.13	0.46	80.2	0.19	7.45	75.0	0.5

**Certified By:**

*Ron Cardinal*



# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y860831

PROJECT NO:

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 08, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

Analyte:	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
Sample ID (AGAT ID)										
E5578410 (5550206)	0.17	0.2	0.009	0.09	0.40	74.5	0.10	4.85	90.4	<0.5
E5578411 (5550207)	0.18	0.2	0.011	0.08	0.43	72.7	0.11	7.55	91.5	<0.5
E5578412 (5550208)	0.19	1.3	0.008	0.08	0.44	53.1	0.08	15.0	87.9	1.7
E5578413 (5550209)	0.17	0.5	0.013	0.09	0.47	88.8	0.09	9.36	107	<0.5
E5578414 (5550210)	0.16	1.2	0.020	0.08	0.49	72.1	0.14	12.0	77.1	0.8
E5578415 (5550211)	0.11	0.6	0.011	0.14	0.63	75.6	0.17	5.61	71.0	0.5
E5578416 (5550212)	0.11	0.4	0.015	0.14	0.64	61.9	0.18	5.97	79.2	<0.5
E5578417 (5550213)	0.12	0.2	0.012	0.11	0.50	75.7	0.13	5.28	75.3	<0.5
E5578418 (5550214)	0.16	0.3	0.011	0.09	0.45	82.6	0.09	5.08	86.1	<0.5
E5578419 (5550215)	0.12	0.8	0.024	0.12	0.65	66.6	0.17	5.73	90.1	<0.5
E5544077 (5550216)	0.08	9.2	<0.005	0.07	0.74	4.6	<0.05	14.8	93.6	10.5
E5544078 (5550217)	0.06	9.3	<0.005	0.09	0.86	3.3	0.11	14.7	64.5	12.5
E5544079 (5550218)	0.04	11.2	<0.005	0.06	1.80	4.9	0.09	24.2	175	18.9
E5544080 (5550219)	0.04	2.2	<0.005	0.11	0.91	8.9	0.07	9.52	102	1.1
E5544081 (5550220)	0.05	1.0	<0.005	0.12	0.77	13.0	0.08	6.13	79.8	0.6
E5544082 (5550221)	0.04	2.5	<0.005	0.11	0.85	8.8	0.08	15.5	110	2.2
E5544083 (5550222)	0.05	3.0	<0.005	0.11	0.86	8.5	0.06	20.7	120	4.2
E5544084 (5550223)	0.14	2.0	<0.005	0.09	1.09	5.5	0.08	20.2	114	4.3
E5544085 (5550224)	0.11	3.5	<0.005	0.09	0.92	12.8	<0.05	22.5	103	6.5
E5544086 (5550225)	0.09	5.5	<0.005	0.07	1.00	12.9	0.05	13.8	95.8	4.9
E5544087 (5550226)	0.09	4.6	<0.005	0.06	1.09	12.6	0.05	15.8	124	5.2
E5544088 (5550227)	0.08	4.3	<0.005	0.06	2.21	13.2	<0.05	16.2	130	2.0
E5544089 (5550228)	0.07	2.4	<0.005	0.09	1.41	14.0	0.05	14.2	107	1.8
E5544090 (5550229)	0.17	1.4	<0.005	0.11	1.37	18.4	0.07	12.3	90.2	1.7
E5544091 (5550230)	0.10	1.8	<0.005	0.13	1.89	28.2	0.06	19.4	91.1	1.1
E5544092 (5550231)	0.08	2.2	<0.005	0.10	1.85	26.0	0.06	24.8	99.1	3.2
E5544093 (5550232)	0.08	1.8	0.005	0.08	1.86	23.6	<0.05	6.84	92.6	2.0
E5544094 (5550233)	0.07	3.0	0.010	0.06	1.63	21.8	0.07	15.1	85.8	2.0
E5544095 (5550234)	0.06	9.3	<0.005	0.13	1.03	7.4	0.06	16.2	131	8.0
E5544096 (5550235)	0.05	3.4	<0.005	0.08	0.65	5.8	0.07	16.9	116	3.5
E5544097 (5550236)	0.06	10.6	<0.005	0.13	0.97	7.4	0.07	14.6	114	11.5
E5577310 (5550237)	0.09	3.2	0.011	0.08	0.26	69.0	0.06	16.0	74.0	2.2

Certified By:

*Ron Cardinal*



# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y860831

PROJECT NO:

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 08, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

Analyte:	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
Sample ID (AGAT ID)										
E5577311 (5550238)	0.12	3.7	0.016	0.07	0.31	80.5	0.05	17.3	92.8	2.7
E5577312 (5550239)	0.11	2.0	0.010	0.09	0.34	76.7	0.06	23.7	68.7	1.4
E5577313 (5550240)	0.11	1.3	0.008	0.08	0.36	67.7	<0.05	24.7	62.8	1.2
E5577314 (5550241)	0.10	1.4	0.008	0.09	0.25	64.4	0.05	19.0	91.0	1.4
E5578604 (5550242)	0.11	1.9	0.010	0.13	0.72	40.6	0.07	19.0	68.3	2.8
E5578605 (5550243)	0.11	1.7	0.007	0.10	0.53	33.6	0.06	11.8	68.0	3.2
E5578606 (5550244)	0.11	1.5	0.006	0.10	0.75	30.9	0.05	12.9	53.3	3.4
E5578607 (5550245)	0.11	1.3	0.006	0.08	0.46	42.4	<0.05	13.9	45.5	2.7
E5578608 (5550246)	0.12	1.5	0.008	0.09	0.48	48.7	0.07	17.6	54.4	4.0
E5578609 (5550247)	0.11	1.5	0.011	0.09	0.34	79.6	0.06	26.9	66.3	1.6
E5544098 (5550248)	0.11	6.8	<0.005	0.06	1.03	9.1	<0.05	12.8	130	9.8
E5544099 (5550249)	0.11	10.8	<0.005	0.07	1.01	9.3	<0.05	13.5	123	17.5
E5544100 (5550250)	0.83	1.3	0.025	0.04	0.09	47.2	0.47	3.13	43.5	2.8
E5544101 (5550251)	0.30	6.1	<0.005	0.05	0.96	9.9	<0.05	14.5	127	9.0
E5544102 (5550252)	0.17	3.1	<0.005	0.05	1.29	12.2	<0.05	18.4	107	4.4
E5544103 (5550253)	0.12	1.8	0.014	0.08	1.19	30.1	0.13	14.1	65.6	2.1
E5544104 (5550254)	0.12	3.9	0.009	0.11	0.88	34.0	0.11	4.73	64.7	1.2
E5544105 (5550255)	0.10	2.6	0.007	0.11	1.32	35.3	0.10	6.05	83.4	0.9
E5544106 (5550256)	0.08	3.6	0.009	0.12	1.00	37.6	0.11	4.75	53.7	0.6
E5544107 (5550257)	0.33	5.2	0.007	0.10	5.77	20.5	<0.05	14.4	122	0.9
E5544108 (5550258)	0.18	4.7	<0.005	0.08	2.49	24.5	0.06	15.5	118	1.0
E5544109 (5550259)	0.17	3.8	0.014	0.10	2.59	30.0	0.07	20.3	106	0.8
E5577318 (5550260)	0.09	1.1	<0.005	0.09	0.68	9.8	0.07	5.22	84.4	<0.5
E5577319 (5550261)	0.08	2.1	0.006	0.07	1.30	24.5	<0.05	5.79	99.0	1.2
E5577320 (5550262)	0.07	6.2	0.006	0.09	1.99	14.3	<0.05	11.8	132	3.0
E5577321 (5550263)	0.06	3.5	<0.005	0.06	0.92	10.6	<0.05	13.1	107	6.2
E5577322 (5550264)	0.07	6.4	<0.005	0.09	0.88	8.0	<0.05	13.4	106	2.8
E5577323 (5550265)	0.05	3.3	0.014	0.07	1.00	31.8	0.11	6.00	95.3	1.4
E5577324 (5550266)	0.10	3.4	0.006	0.07	1.21	14.6	0.07	13.0	94.8	1.9
E5577325 (5550267)	0.16	3.6	0.006	0.07	1.21	14.5	0.06	13.2	93.7	1.9
E5577326 (5550268)	0.12	2.0	<0.005	0.07	1.06	16.2	<0.05	7.26	95.6	0.5
E5577327 (5550269)	0.08	1.7	0.018	0.06	0.96	29.6	0.15	5.02	100	<0.5

Certified By:

*Ron Cardinal*



# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y860831

PROJECT NO:

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 08, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

Analyte:	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
Sample ID (AGAT ID)										
E5577328 (5550270)	0.08	4.4	0.013	0.08	1.52	26.5	0.11	12.6	107	1.3
E5577329 (5550271)	0.11	9.6	<0.005	0.15	1.11	11.4	<0.05	15.9	180	20.6
E5577330 (5550272)	0.09	1.5	0.006	0.11	1.01	16.9	<0.05	7.37	101	2.3
E5577331 (5550273)	0.20	1.9	0.010	0.10	1.18	25.7	0.06	4.82	99.9	1.2
E5577332 (5550274)	0.14	0.7	0.022	0.11	1.21	44.9	0.16	4.02	79.5	<0.5
E5577333 (5550275)	0.14	1.2	0.021	0.11	0.79	42.1	0.14	5.15	101	<0.5
E5577334 (5550276)	0.14	4.8	0.013	0.10	1.05	19.1	0.09	18.2	116	1.7
E5577335 (5550277)	0.12	2.8	0.006	0.08	1.05	15.4	0.08	26.0	100	2.4
E5577336 (5550278)	0.09	2.9	<0.005	0.08	0.90	10.0	<0.05	21.5	95.6	2.5
E5577337 (5550279)	0.08	1.1	0.025	0.10	0.91	36.8	0.15	4.01	84.7	<0.5
E5577338 (5550280)	0.07	2.4	0.022	0.08	0.98	35.2	0.19	5.55	95.4	0.8
E5577339 (5550281)	0.08	4.2	0.041	0.10	1.54	42.2	0.23	11.0	107	0.6
E5577340 (5550282)	0.07	1.1	0.034	0.16	1.44	54.9	0.27	5.57	87.6	<0.5
E5577341 (5550283)	0.07	4.1	0.045	0.10	0.97	47.9	0.25	6.51	108	1.0
E5577342 (5550284)	0.06	4.0	0.038	0.09	1.06	43.6	0.23	6.80	101	1.1
E5577343 (5550285)	0.10	1.9	0.012	0.12	1.29	23.2	0.07	6.56	99.6	0.8
E5577344 (5550286)	0.08	2.8	0.018	0.10	1.68	31.7	0.10	12.2	99.4	0.6
E5577345 (5550287)	0.07	3.3	0.012	0.08	1.18	17.4	0.05	11.4	89.0	1.4
E5577346 (5550288)	0.08	5.4	0.009	0.08	1.35	16.5	<0.05	19.9	112	3.6
E5577347 (5550289)	0.09	5.6	0.008	0.08	1.45	17.1	0.06	22.5	115	5.4
E5577348 (5550290)	0.09	5.4	0.008	0.08	1.47	16.3	0.05	23.1	105	6.2
E5577349 (5550291)	0.07	4.4	0.009	0.07	1.60	19.6	0.05	29.6	117	4.4
E5577350 (5550292)	0.59	1.7	0.153	0.10	0.33	48.6	2.49	6.47	81.5	3.2
E5577351 (5550293)	0.32	3.5	0.009	0.07	1.24	19.4	0.14	21.1	99.4	6.2
E5577352 (5550294)	0.13	3.9	0.009	0.07	1.38	22.0	0.08	16.8	106	4.4
E5577353 (5550295)	0.10	4.2	0.009	0.07	1.38	21.0	0.08	14.1	101	3.0
E5577354 (5550296)	0.10	3.9	0.007	0.08	1.37	17.0	0.07	11.9	102	1.7
E5577355 (5550297)	0.09	3.8	0.013	0.08	1.34	29.6	0.06	8.11	108	2.7
E5577356 (5550298)	0.08	3.3	0.015	0.07	1.05	23.8	0.07	12.6	119	3.1
E5577357 (5550299)	0.14	4.5	0.007	0.09	0.96	15.2	0.06	27.9	125	1.8
E5577358 (5550300)	0.11	2.1	0.015	0.11	0.80	30.6	0.09	5.33	94.7	0.7
E5577359 (5550301)	0.08	2.2	0.018	0.08	0.66	33.0	0.11	4.01	83.5	0.5

Certified By:

*Ron Cardinal*



# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y860831

PROJECT NO:

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 08, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

Analyte:	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
Sample ID (AGAT ID)										
E5578160 (5550302)	0.09	5.1	0.011	0.06	2.05	23.0	0.09	24.0	127	3.5
E5578161 (5550303)	0.10	5.7	0.013	0.05	1.50	24.5	0.15	21.8	108	4.2
E5578162 (5550304)	0.10	5.0	0.008	0.06	2.45	21.2	<0.05	24.1	111	5.7
E5578163 (5550305)	0.11	4.9	0.010	0.08	2.49	24.0	0.05	31.1	120	6.9
E5578164 (5550306)	0.07	3.5	0.007	0.05	2.17	17.7	<0.05	22.7	88.1	4.7
E5578165 (5550307)	0.09	3.6	0.008	0.07	1.39	20.0	<0.05	12.4	93.1	5.6
E5578166 (5550308)	0.07	4.1	0.014	0.10	3.82	32.8	0.08	26.8	81.2	2.9
E5578167 (5550309)	0.06	2.7	0.016	0.09	3.56	33.5	0.09	20.0	73.9	2.1
E5578168 (5550310)	0.07	4.8	0.006	0.05	1.46	22.1	<0.05	22.3	96.0	5.8
E5578169 (5550311)	0.08	3.0	0.013	0.07	1.99	27.6	0.07	12.3	116	3.1
E5578170 (5550312)	0.19	2.8	0.020	0.09	1.26	32.5	0.13	9.06	100	1.0
E5578171 (5550313)	0.13	3.7	0.011	0.12	0.64	37.3	0.09	6.16	82.1	1.7
E5578172 (5550314)	0.11	4.1	0.015	0.07	0.55	31.3	0.09	4.29	92.4	1.1
E5578173 (5550315)	0.11	5.8	0.010	0.07	0.75	24.7	0.05	7.89	99.2	1.7
E5578174 (5550316)	0.13	2.1	0.015	0.09	0.68	30.7	0.09	3.29	78.8	1.2
E5578175 (5550317)	0.15	1.2	0.164	0.06	0.33	65.1	0.57	8.96	43.4	7.2
E5578176 (5550318)	0.13	4.3	0.016	0.08	0.74	29.8	0.10	6.33	104	2.3
E5578177 (5550319)	0.11	4.8	0.017	0.09	0.62	32.1	0.12	5.63	93.8	1.4
E5578178 (5550320)	0.12	1.7	0.020	0.08	0.71	34.4	0.14	4.96	81.8	0.6
E5578179 (5550321)	0.09	4.1	0.011	0.09	0.65	27.7	0.07	5.44	84.4	1.4
E5578180 (5550322)	0.08	2.7	0.012	0.11	0.85	29.3	0.09	4.76	83.3	1.5
E5578181 (5550323)	0.08	4.0	0.010	0.06	0.63	26.4	<0.05	5.97	93.8	1.3
E5578182 (5550324)	0.10	6.4	0.007	0.06	1.61	21.8	<0.05	9.85	112	1.5
E5578183 (5550325)	0.11	3.3	0.018	0.10	4.32	34.9	0.17	21.1	115	5.7
E5578184 (5550326)	0.08	1.0	0.032	0.10	1.15	40.0	0.23	5.78	102	<0.5
E5578185 (5550327)	0.08	1.3	0.022	0.13	0.88	36.3	0.19	9.18	74.8	<0.5
E5578503 (5550328)	0.06	2.6	0.010	0.06	4.69	24.8	0.06	37.5	73.2	4.5
E5578504 (5550329)	0.06	3.0	0.012	0.09	2.17	33.3	0.07	12.0	92.2	3.4
E5578505 (5550330)	0.07	2.2	0.015	0.09	2.62	36.2	0.09	7.87	104	3.2
E5578506 (5550331)	0.07	4.1	0.016	0.07	14.0	27.7	0.08	26.7	85.8	6.7
E5578507 (5550332)	0.07	3.4	0.015	0.10	2.97	36.3	0.11	21.3	82.6	3.2
E5578508 (5550333)	0.06	2.8	0.013	0.07	4.01	27.2	0.06	21.9	91.6	3.6

**Certified By:**

*Ron Cardinal*



# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y860831

PROJECT NO:

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 08, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

Analyte:	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
Sample ID (AGAT ID)										
E5578509 (5550334)	0.10	3.1	0.014	0.07	1.85	21.2	0.11	20.9	88.7	5.7
E5634719 (5550335)	0.05	2.3	0.011	0.07	0.88	17.7	0.08	21.3	91.6	3.3
E5634720 (5550336)	0.15	8.0	<0.005	0.14	0.81	6.2	0.08	22.6	188	6.3
E5634721 (5550337)	0.12	5.3	0.009	0.31	0.86	10.2	0.07	12.8	79.1	3.6
E5634722 (5550338)	0.10	4.9	0.006	0.12	0.73	13.1	0.07	12.7	120	4.1
E5634723 (5550339)	0.07	5.0	0.005	0.09	1.10	7.2	0.07	24.7	105	4.4
E5634724 (5550340)	0.07	3.9	0.006	0.12	1.01	8.5	0.08	28.9	142	3.8
E5634725 (5550341)	0.06	4.2	0.006	0.12	0.96	8.4	0.08	29.2	153	3.7
E5634726 (5550342)	0.08	6.8	0.006	0.12	1.04	6.3	0.08	20.4	99.6	6.0
E5634727 (5550343)	0.04	6.1	0.005	0.11	1.13	6.2	0.08	24.8	108	6.0
E5634728 (5550344)	0.05	5.7	0.005	0.19	1.21	7.8	0.08	18.7	148	4.9
E5634729 (5550345)	0.12	10.0	0.009	0.13	2.29	26.4	<0.05	6.26	116	12.7
E5634730 (5550346)	0.24	8.5	0.009	0.27	4.15	22.2	<0.05	10.7	125	5.7
E5634731 (5550347)	0.16	6.4	0.008	0.20	7.35	24.8	<0.05	16.1	134	9.8
E5634732 (5550348)	0.13	3.6	0.012	0.09	0.71	26.7	<0.05	7.14	91.3	1.7
E5634733 (5550349)	0.11	3.9	0.014	0.08	1.05	31.1	0.10	11.0	97.2	0.9
E5634734 (5550350)	0.06	11.1	0.008	0.08	0.83	18.2	<0.05	28.3	129	16.0
E5634735 (5550351)	0.11	2.8	0.018	0.11	0.91	33.1	0.10	7.56	107	2.7
E5634736 (5550352)	0.10	2.9	0.025	0.08	0.90	37.0	0.14	7.68	93.7	0.8
E5634737 (5550353)	0.11	2.5	0.011	0.12	1.60	34.5	0.10	18.0	126	2.4
E5634738 (5550354)	0.08	3.3	0.012	0.09	0.74	30.4	0.13	8.84	105	2.1
E5634739 (5550355)	0.06	5.6	0.030	0.08	1.04	38.2	0.14	13.0	117	2.4
E5634740 (5550356)	0.12	4.4	0.025	0.10	0.79	47.2	0.18	8.82	114	1.8
E5634741 (5550357)	0.10	5.6	0.012	0.07	4.47	33.5	0.05	23.7	105	6.4
E5634742 (5550358)	0.08	2.8	0.010	0.06	4.26	16.3	0.07	23.0	98.5	4.0

Comments: RDL - Reported Detection Limit

**Certified By:**

*Ron Cardinal*



**AGAT** Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y860831

PROJECT NO:

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 08, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

	Analyte:	Au
	Unit:	ppm
Sample ID (AGAT ID)	RDL:	0.001

E5544068 (5550142)	0.009
E5544069 (5550143)	0.023
E5544070 (5550144)	0.022
E5544071 (5550145)	0.036
E5544072 (5550146)	0.004
E5544073 (5550147)	0.026
E5544074 (5550148)	0.016
E5544075 (5550149)	0.017
E5544076 (5550150)	0.006
E5578454 (5550151)	0.006
E5578455 (5550152)	0.003
E5578456 (5550153)	0.002
E5578457 (5550154)	0.002
E5578458 (5550155)	0.013
E5578459 (5550156)	0.012
E5578553 (5550157)	0.003
E5578554 (5550158)	0.004
E5578555 (5550159)	0.003
E5578556 (5550160)	0.007
E5578557 (5550161)	0.005
E5578558 (5550162)	0.003
E5578559 (5550163)	0.004
E5578589 (5550164)	0.020
E5578590 (5550165)	0.023
E5578591 (5550166)	0.020
E5578592 (5550167)	0.013
E5578593 (5550168)	0.024
E5578594 (5550169)	0.011
E5578595 (5550170)	0.005
E5578596 (5550171)	0.022
E5578597 (5550172)	0.006
E5578598 (5550173)	0.006

Certified By:

*Ron Cardinal*



**AGAT** Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y860831

PROJECT NO:

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 08, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

	Analyte:	Au
	Unit:	ppm
Sample ID (AGAT ID)	RDL:	0.001

E5578599 (5550174)	0.021
E5578600 (5550175)	0.066
E5578601 (5550176)	0.007
E5578602 (5550177)	0.008
E5578603 (5550178)	0.005
E5577253 (5550179)	0.007
E5577254 (5550180)	0.004
E5577255 (5550181)	0.008
E5577256 (5550182)	0.003
E5577257 (5550183)	0.005
E5577258 (5550184)	0.005
E5577259 (5550185)	0.008
E5577660 (5550186)	0.010
E5577661 (5550187)	0.004
E5577662 (5550188)	0.003
E5577663 (5550189)	0.003
E5577664 (5550190)	0.003
E5577665 (5550191)	0.006
E5577666 (5550192)	0.003
E5577667 (5550193)	0.005
E5577668 (5550194)	0.003
E5577669 (5550195)	0.005
E5577670 (5550196)	0.004
E5577671 (5550197)	0.004
E5577672 (5550198)	0.003
E5577673 (5550199)	0.003
E5577674 (5550200)	0.004
E5577675 (5550201)	0.004
E5577676 (5550202)	0.003
E5577677 (5550203)	0.004
E5577678 (5550204)	0.005
E5577679 (5550205)	0.019

Certified By:

*Ron Cardinal*





**AGAT** Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y860831

PROJECT NO:

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 08, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

	Analyte:	Au
	Unit:	ppm
Sample ID (AGAT ID)	RDL:	0.001

E5578410 (5550206)	0.003
E5578411 (5550207)	0.006
E5578412 (5550208)	0.009
E5578413 (5550209)	0.008
E5578414 (5550210)	0.041
E5578415 (5550211)	0.005
E5578416 (5550212)	0.004
E5578417 (5550213)	0.003
E5578418 (5550214)	0.002
E5578419 (5550215)	0.003
E5544077 (5550216)	0.003
E5544078 (5550217)	0.040
E5544079 (5550218)	<0.001
E5544080 (5550219)	<0.001
E5544081 (5550220)	0.002
E5544082 (5550221)	0.063
E5544083 (5550222)	0.002
E5544084 (5550223)	0.002
E5544085 (5550224)	0.003
E5544086 (5550225)	0.002
E5544087 (5550226)	0.003
E5544088 (5550227)	0.001
E5544089 (5550228)	0.002
E5544090 (5550229)	0.001
E5544091 (5550230)	0.001
E5544092 (5550231)	0.004
E5544093 (5550232)	0.002
E5544094 (5550233)	0.002
E5544095 (5550234)	0.003
E5544096 (5550235)	0.004
E5544097 (5550236)	0.003
E5577310 (5550237)	0.013

Certified By:

*Ron Cardinal*



**AGAT** Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y860831

PROJECT NO:

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 08, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

	Analyte:	Au
	Unit:	ppm
Sample ID (AGAT ID)	RDL:	0.001

E5577311 (5550238)	0.017
E5577312 (5550239)	0.019
E5577313 (5550240)	0.014
E5577314 (5550241)	0.014
E5578604 (5550242)	0.003
E5578605 (5550243)	0.011
E5578606 (5550244)	0.006
E5578607 (5550245)	0.011
E5578608 (5550246)	0.008
E5578609 (5550247)	0.030
E5544098 (5550248)	0.002
E5544099 (5550249)	0.004
E5544100 (5550250)	0.034
E5544101 (5550251)	0.002
E5544102 (5550252)	0.020
E5544103 (5550253)	<0.001
E5544104 (5550254)	0.001
E5544105 (5550255)	0.001
E5544106 (5550256)	0.002
E5544107 (5550257)	0.013
E5544108 (5550258)	0.003
E5544109 (5550259)	0.003
E5577318 (5550260)	0.001
E5577319 (5550261)	0.003
E5577320 (5550262)	0.008
E5577321 (5550263)	0.003
E5577322 (5550264)	0.003
E5577323 (5550265)	0.001
E5577324 (5550266)	0.003
E5577325 (5550267)	0.003
E5577326 (5550268)	0.001
E5577327 (5550269)	0.002

Certified By:

Ron Cardinal



**AGAT** Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y860831

PROJECT NO:

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 08, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

	Analyte:	Au
	Unit:	ppm
Sample ID (AGAT ID)	RDL:	0.001

E5577328 (5550270)	0.003
E5577329 (5550271)	0.006
E5577330 (5550272)	0.002
E5577331 (5550273)	0.004
E5577332 (5550274)	0.002
E5577333 (5550275)	0.002
E5577334 (5550276)	0.031
E5577335 (5550277)	0.002
E5577336 (5550278)	0.002
E5577337 (5550279)	0.001
E5577338 (5550280)	0.003
E5577339 (5550281)	0.005
E5577340 (5550282)	0.013
E5577341 (5550283)	0.002
E5577342 (5550284)	0.002
E5577343 (5550285)	0.002
E5577344 (5550286)	0.003
E5577345 (5550287)	0.007
E5577346 (5550288)	0.008
E5577347 (5550289)	0.012
E5577348 (5550290)	0.008
E5577349 (5550291)	0.008
E5577350 (5550292)	0.221
E5577351 (5550293)	0.008
E5577352 (5550294)	0.009
E5577353 (5550295)	0.006
E5577354 (5550296)	0.009
E5577355 (5550297)	0.008
E5577356 (5550298)	0.006
E5577357 (5550299)	0.011
E5577358 (5550300)	0.010
E5577359 (5550301)	0.004

**Certified By:**

*Ron Cardinal*



**AGAT** Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y860831

PROJECT NO:

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 08, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

	Analyte:	Au
	Unit:	ppm
Sample ID (AGAT ID)	RDL:	0.001

E5578160 (5550302)	0.004
E5578161 (5550303)	0.005
E5578162 (5550304)	0.004
E5578163 (5550305)	0.007
E5578164 (5550306)	0.008
E5578165 (5550307)	0.008
E5578166 (5550308)	0.006
E5578167 (5550309)	0.006
E5578168 (5550310)	0.005
E5578169 (5550311)	0.004
E5578170 (5550312)	0.004
E5578171 (5550313)	0.005
E5578172 (5550314)	0.004
E5578173 (5550315)	0.005
E5578174 (5550316)	0.004
E5578175 (5550317)	0.009
E5578176 (5550318)	0.004
E5578177 (5550319)	0.005
E5578178 (5550320)	0.004
E5578179 (5550321)	0.005
E5578180 (5550322)	0.004
E5578181 (5550323)	0.004
E5578182 (5550324)	0.004
E5578183 (5550325)	0.006
E5578184 (5550326)	0.004
E5578185 (5550327)	0.005
E5578503 (5550328)	0.008
E5578504 (5550329)	0.007
E5578505 (5550330)	0.006
E5578506 (5550331)	0.010
E5578507 (5550332)	0.004
E5578508 (5550333)	0.008

**Certified By:**

*Ron Cardinal*



**AGAT** Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y860831

PROJECT NO:

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 08, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

	Analyte:	Au
	Unit:	ppm
Sample ID (AGAT ID)	RDL:	0.001
E5578509 (5550334)		0.009
E5634719 (5550335)		0.006
E5634720 (5550336)		0.006
E5634721 (5550337)		0.002
E5634722 (5550338)		0.001
E5634723 (5550339)		0.007
E5634724 (5550340)		0.006
E5634725 (5550341)		0.003
E5634726 (5550342)		0.001
E5634727 (5550343)		0.002
E5634728 (5550344)		0.001
E5634729 (5550345)		0.003
E5634730 (5550346)		0.008
E5634731 (5550347)		0.009
E5634732 (5550348)		0.009
E5634733 (5550349)		0.005
E5634734 (5550350)		0.008
E5634735 (5550351)		0.005
E5634736 (5550352)		0.006
E5634737 (5550353)		0.005
E5634738 (5550354)		0.003
E5634739 (5550355)		0.006
E5634740 (5550356)		0.004
E5634741 (5550357)		0.008
E5634742 (5550358)		0.006

Comments: RDL - Reported Detection Limit

**Certified By:**

*Ron Cardinal*



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	5550142	0.17	0.21	21.1%	5550161	0.28	0.34	19.4%	5550184	0.076	0.065	15.6%	5550192	0.14	0.13	7.4%
Al	5550142	0.56	0.54	3.6%	5550161	1.06	1.03	2.9%	5550184	1.86	1.80	3.3%	5550192	1.52	1.51	0.7%
As	5550142	25.4	24.9	2.0%	5550161	42.9	44.1	2.8%	5550184	23.3	22.9	1.7%	5550192	37.7	37.4	0.8%
Au	5550142	0.007	0.006	15.4%	5550161	< 0.005	< 0.005	0.0%	5550184	< 0.005	< 0.005	0.0%	5550192	< 0.005	< 0.005	0.0%
B	5550142	< 5	< 5	0.0%	5550161	< 5	< 5	0.0%	5550184	< 5	< 5	0.0%	5550192	< 5	< 5	0.0%
Ba	5550142	144	141	2.1%	5550161	69	68	1.5%	5550184	109	108	0.9%	5550192	60	60	0.0%
Be	5550142	0.754	0.773	2.5%	5550161	0.421	0.429	1.9%	5550184	0.826	0.803	2.8%	5550192	0.61	0.62	1.6%
Bi	5550142	0.33	0.33	0.0%	5550161	0.282	0.287	1.8%	5550184	0.29	0.29	0.0%	5550192	0.33	0.33	0.0%
Ca	5550142	1.16	1.15	0.9%	5550161	0.03	0.03	0.0%	5550184	0.21	0.21	0.0%	5550192	0.03	0.03	0.0%
Cd	5550142	0.89	0.89	0.0%	5550161	0.52	0.54	3.8%	5550184	0.28	0.28	0.0%	5550192	0.133	0.138	3.7%
Ce	5550142	21.1	20.2	4.4%	5550161	24.4	23.5	3.8%	5550184	25.1	26.0	3.5%	5550192	28.4	28.6	0.7%
Co	5550142	25.8	25.4	1.6%	5550161	27.5	25.9	6.0%	5550184	36.9	36.1	2.2%	5550192	17.9	18.5	3.3%
Cr	5550142	17.4	17.0	2.3%	5550161	13.2	13.3	0.8%	5550184	31.4	29.6	5.9%	5550192	25.7	25.6	0.4%
Cs	5550142	0.976	0.947	3.0%	5550161	1.05	1.03	1.9%	5550184	2.63	2.72	3.4%	5550192	1.73	1.67	3.5%
Cu	5550142	81.9	78.7	4.0%	5550161	76.0	72.5	4.7%	5550184	80.2	77.5	3.4%	5550192	57.2	55.4	3.2%
Fe	5550142	4.68	4.58	2.2%	5550161	4.00	3.95	1.3%	5550184	5.20	5.03	3.3%	5550192	5.05	5.05	0.0%
Ga	5550142	1.90	1.73	9.4%	5550161	2.93	2.95	0.7%	5550184	6.12	5.95	2.8%	5550192	4.91	5.03	2.4%
Ge	5550142	0.27	0.27	0.0%	5550161	0.27	0.27	0.0%	5550184	0.263	0.273	3.7%	5550192	0.289	0.285	1.4%
Hf	5550142	0.17	0.12		5550161	0.03	< 0.02		5550184	0.056	0.050	11.3%	5550192	< 0.02	< 0.02	0.0%
Hg	5550142	0.19	0.20	5.1%	5550161	0.397	0.416	4.7%	5550184	0.036	0.034	5.7%	5550192	0.094	0.097	3.1%
In	5550142	0.0548	0.0533	2.8%	5550161	0.028	0.030	6.9%	5550184	0.043	0.042	2.4%	5550192	0.029	0.031	6.7%
K	5550142	0.117	0.113	3.5%	5550161	0.06	0.06	0.0%	5550184	0.07	0.07	0.0%	5550192	0.08	0.08	0.0%
La	5550142	9.6	9.0	6.5%	5550161	11.7	11.4	2.6%	5550184	10.4	10.8	3.8%	5550192	13.0	12.8	1.6%
Li	5550142	2.1	2.1	0.0%	5550161	4.6	4.5	2.2%	5550184	18.2	17.8	2.2%	5550192	12.0	12.4	3.3%
Mg	5550142	0.46	0.45	2.2%	5550161	0.14	0.14	0.0%	5550184	0.76	0.76	0.0%	5550192	0.37	0.37	0.0%
Mn	5550142	1340	1320	1.5%	5550161	606	605	0.2%	5550184	1500	1360	9.8%	5550192	744	761	2.3%
Mo	5550142	1.47	1.44	2.1%	5550161	3.38	3.44	1.8%	5550184	1.32	1.31	0.8%	5550192	2.35	2.36	0.4%
Na	5550142	< 0.01	< 0.01	0.0%	5550161	< 0.01	< 0.01	0.0%	5550184	< 0.01	< 0.01	0.0%	5550192	< 0.01	< 0.01	0.0%
Nb	5550142	0.34	0.23		5550161	0.47	0.42	11.2%	5550184	0.220	0.205	7.1%	5550192	0.346	0.344	0.6%
Ni	5550142	39.6	38.9	1.8%	5550161	60.2	58.6	2.7%	5550184	31.4	29.1	7.6%	5550192	25.1	26.0	3.5%
P	5550142	805	784	2.6%	5550161	1220	1240	1.6%	5550184	2210	2000	10.0%	5550192	1010	996	1.4%



CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

Pb	5550142	64.5	65.5	1.5%	5550161	16.1	16.4	1.8%	5550184	33.6	33.2	1.2%	5550192	26.8	27.4	2.2%
Rb	5550142	5.11	4.82	5.8%	5550161	10.4	10.1	2.9%	5550184	8.61	8.79	2.1%	5550192	8.73	8.87	1.6%
Re	5550142	0.001	0.001	0.0%	5550161	0.002	0.002	0.0%	5550184	< 0.001	< 0.001	0.0%	5550192	< 0.001	< 0.001	0.0%
S	5550142	0.045	0.039	14.3%	5550161	0.094	0.089	5.5%	5550184	0.090	0.083	8.1%	5550192	0.064	0.069	7.5%
Sb	5550142	2.84	2.80	1.4%	5550161	2.09	2.12	1.4%	5550184	0.70	0.70	0.0%	5550192	1.09	1.11	1.8%
Sc	5550142	9.7	9.9	2.0%	5550161	1.9	1.9	0.0%	5550184	4.9	4.8	2.1%	5550192	1.3	1.3	0.0%
Se	5550142	1.0	0.9	10.5%	5550161	0.8	0.8	0.0%	5550184	0.68	0.63	7.6%	5550192	0.72	0.76	5.4%
Sn	5550142	0.4	0.4	0.0%	5550161	0.3	0.3	0.0%	5550184	0.3	0.3	0.0%	5550192	0.3	0.3	0.0%
Sr	5550142	15.9	15.7	1.3%	5550161	11.3	11.2	0.9%	5550184	12.1	11.9	1.7%	5550192	8.26	8.25	0.1%
Ta	5550142	< 0.01	< 0.01	0.0%	5550161	< 0.01	< 0.01	0.0%	5550184	< 0.01	< 0.01	0.0%	5550192	< 0.01	< 0.01	0.0%
Te	5550142	0.240	0.203	16.7%	5550161	0.175	0.146	18.1%	5550184	0.14	0.13	7.4%	5550192	0.10	0.10	0.0%
Th	5550142	2.51	2.56	2.0%	5550161	0.4	0.4	0.0%	5550184	1.3	1.3	0.0%	5550192	0.41	0.31	27.8%
Ti	5550142	< 0.005	< 0.005	0.0%	5550161	0.0114	0.0116	1.7%	5550184	0.013	0.013	0.0%	5550192	0.010	0.010	0.0%
Tl	5550142	0.15	0.15	0.0%	5550161	0.19	0.19	0.0%	5550184	0.09	0.09	0.0%	5550192	0.13	0.13	0.0%
U	5550142	0.334	0.335	0.3%	5550161	0.79	0.80	1.3%	5550184	0.66	0.65	1.5%	5550192	0.724	0.730	0.8%
V	5550142	35.5	34.1	4.0%	5550161	25.4	25.4	0.0%	5550184	57.9	54.1	6.8%	5550192	38.6	38.8	0.5%
W	5550142	0.17	0.18	5.7%	5550161	0.12	0.12	0.0%	5550184	0.108	0.085	23.8%	5550192	0.10	0.10	0.0%
Y	5550142	17.5	17.1	2.3%	5550161	5.12	5.08	0.8%	5550184	8.56	8.41	1.8%	5550192	5.24	5.39	2.8%
Zn	5550142	84.4	81.4	3.6%	5550161	86.2	85.4	0.9%	5550184	77.1	75.8	1.7%	5550192	72.2	73.0	1.1%
Zr	5550142	2.9	2.8	3.5%	5550161	< 0.5	< 0.5	0.0%	5550184	1.39	1.33	4.4%	5550192	< 0.5	< 0.5	0.0%
REPLICATE #5					REPLICATE #6				REPLICATE #7				REPLICATE #8			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	5550211	0.102	0.130	24.1%	5550241	0.10	0.12	18.2%	5550261	0.075	0.077	2.6%	5550291	0.214	0.229	6.8%
Al	5550211	1.73	1.66	4.1%	5550241	1.96	1.99	1.5%	5550261	1.36	1.35	0.7%	5550291	1.13	1.08	4.5%
As	5550211	9.6	9.5	1.0%	5550241	12.5	12.0	4.1%	5550261	25.0	25.5	2.0%	5550291	26.7	26.7	0.0%
Au	5550211	< 0.005	< 0.005	0.0%	5550241	0.015	0.014	6.9%	5550261	< 0.005	< 0.005	0.0%	5550291	< 0.005	< 0.005	0.0%
B	5550211	< 5	< 5	0.0%	5550241	< 5	< 5	0.0%	5550261	< 5	< 5	0.0%	5550291	< 5	< 5	0.0%
Ba	5550211	126	117	7.4%	5550241	344	346	0.6%	5550261	40	40	0.0%	5550291	82	81	1.2%
Be	5550211	0.428	0.423	1.2%	5550241	0.764	0.771	0.9%	5550261	0.46	0.46	0.0%	5550291	0.95	0.93	2.1%
Bi	5550211	0.280	0.273	2.5%	5550241	0.16	0.16	0.0%	5550261	0.435	0.422	3.0%	5550291	0.45	0.46	2.2%
Ca	5550211	0.07	0.07	0.0%	5550241	3.10	3.12	0.6%	5550261	0.03	0.03	0.0%	5550291	0.74	0.72	2.7%
Cd	5550211	0.221	0.226	2.2%	5550241	1.14	1.13	0.9%	5550261	0.12	0.13	8.0%	5550291	0.20	0.20	0.0%
Ce	5550211	24.1	24.0	0.4%	5550241	31.0	30.5	1.6%	5550261	18.4	19.1	3.7%	5550291	18.6	19.2	3.2%
Co	5550211	14.6	14.3	2.1%	5550241	40.3	39.4	2.3%	5550261	16.9	16.6	1.8%	5550291	19.7	19.8	0.5%



CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

Cr	5550211	31.7	30.9	2.6%	5550241	31.3	31.9	1.9%	5550261	24.7	25.1	1.6%	5550291	19.2	17.7	8.1%
Cs	5550211	2.31	2.31	0.0%	5550241	4.28	4.34	1.4%	5550261	2.52	2.51	0.4%	5550291	3.05	3.14	2.9%
Cu	5550211	58.0	53.9	7.3%	5550241	160	161	0.6%	5550261	48.5	48.9	0.8%	5550291	53.0	51.3	3.3%
Fe	5550211	5.15	4.74	8.3%	5550241	4.34	4.39	1.1%	5550261	4.50	4.40	2.2%	5550291	6.02	5.79	3.9%
Ga	5550211	8.18	8.07	1.4%	5550241	6.61	6.65	0.6%	5550261	4.76	4.82	1.3%	5550291	3.00	3.05	1.7%
Ge	5550211	0.275	0.277	0.7%	5550241	0.25	0.25	0.0%	5550261	0.28	0.28	0.0%	5550291	0.27	0.27	0.0%
Hf	5550211	0.23	0.06		5550241	0.49	0.13		5550261	0.038	0.030	23.5%	5550291	0.16	0.15	6.5%
Hg	5550211	0.06	0.08	28.6%	5550241	0.148	0.141	4.8%	5550261	0.08	0.06	28.6%	5550291	0.09	0.09	0.0%
In	5550211	0.0349	0.0368	5.3%	5550241	0.059	0.059	0.0%	5550261	0.028	0.028	0.0%	5550291	0.055	0.057	3.6%
K	5550211	0.05	0.05	0.0%	5550241	0.05	0.05	0.0%	5550261	0.04	0.04	0.0%	5550291	0.081	0.073	10.4%
La	5550211	10.3	10.2	1.0%	5550241	10.0	9.9	1.0%	5550261	8.2	8.5	3.6%	5550291	9.67	9.96	3.0%
Li	5550211	8.5	7.9	7.3%	5550241	19.4	19.0	2.1%	5550261	38.1	39.1	2.6%	5550291	17.2	17.1	0.6%
Mg	5550211	0.448	0.419	6.7%	5550241	1.44	1.46	1.4%	5550261	0.41	0.40	2.5%	5550291	0.288	0.280	2.8%
Mn	5550211	1320	1250	5.4%	5550241	2160	2190	1.4%	5550261	681	675	0.9%	5550291	1130	1080	4.5%
Mo	5550211	1.72	1.69	1.8%	5550241	0.92	0.94	2.2%	5550261	0.85	0.82	3.6%	5550291	0.841	0.846	0.6%
Na	5550211	< 0.01	< 0.01	0.0%	5550241	< 0.01	< 0.01	0.0%	5550261	< 0.01	< 0.01	0.0%	5550291	< 0.01	< 0.01	0.0%
Nb	5550211	0.70	0.49		5550241	0.61	0.27		5550261	0.06	0.06	0.0%	5550291	0.13	0.13	0.0%
Ni	5550211	18.1	18.1	0.0%	5550241	33.7	33.7	0.0%	5550261	33.0	32.9	0.3%	5550291	38.1	34.8	9.1%
P	5550211	1360	1280	6.1%	5550241	810	761	6.2%	5550261	943	890	5.8%	5550291	1110	1050	5.6%
Pb	5550211	16.2	16.2	0.0%	5550241	15.0	15.0	0.0%	5550261	35.0	34.3	2.0%	5550291	39.2	39.7	1.3%
Rb	5550211	11.2	11.0	1.8%	5550241	5.8	5.8	0.0%	5550261	6.6	6.6	0.0%	5550291	6.0	5.9	1.7%
Re	5550211	< 0.001	< 0.001	0.0%	5550241	0.001	0.001	0.0%	5550261	< 0.001	< 0.001	0.0%	5550291	0.001	0.001	0.0%
S	5550211	0.108	0.104	3.8%	5550241	0.112	0.113	0.9%	5550261	0.077	0.065	16.9%	5550291	0.0704	0.0694	1.4%
Sb	5550211	0.757	0.755	0.3%	5550241	0.552	0.532	3.7%	5550261	0.56	0.56	0.0%	5550291	1.07	1.07	0.0%
Sc	5550211	1.1	0.9	20.0%	5550241	15.6	15.7	0.6%	5550261	2.76	2.67	3.3%	5550291	10.3	10.3	0.0%
Se	5550211	0.7	0.7	0.0%	5550241	1.4	1.4	0.0%	5550261	0.45	0.41	9.3%	5550291	1.2	1.2	0.0%
Sn	5550211	0.58	0.49	16.8%	5550241	< 0.2	< 0.2	0.0%	5550261	0.2	0.2	0.0%	5550291	0.2	0.2	0.0%
Sr	5550211	6.4	6.4	0.0%	5550241	62.3	61.3	1.6%	5550261	12.8	13.1	2.3%	5550291	38.4	39.8	3.6%
Ta	5550211	< 0.01	< 0.01	0.0%	5550241	0.03	0.02		5550261	< 0.01	< 0.01	0.0%	5550291	< 0.01	< 0.01	0.0%
Te	5550211	0.11	0.12	8.7%	5550241	0.10	0.10	0.0%	5550261	0.076	0.060	23.5%	5550291	0.074	0.080	7.8%
Th	5550211	0.6	0.2		5550241	1.4	0.9		5550261	2.1	2.1	0.0%	5550291	4.38	4.19	4.4%
Ti	5550211	0.011	0.009	20.0%	5550241	0.008	0.008	0.0%	5550261	0.006	0.006	0.0%	5550291	0.009	0.009	0.0%
Tl	5550211	0.14	0.14	0.0%	5550241	0.09	0.09	0.0%	5550261	0.07	0.07	0.0%	5550291	0.07	0.07	0.0%
U	5550211	0.627	0.613	2.3%	5550241	0.25	0.25	0.0%	5550261	1.30	1.29	0.8%	5550291	1.60	1.61	0.6%





CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

V	5550211	75.6	73.2	3.2%	5550241	64.4	66.3	2.9%	5550261	24.5	24.8	1.2%	5550291	19.6	18.3	6.9%
W	5550211	0.167	0.140	17.6%	5550241	0.050	0.042	17.4%	5550261	< 0.05	< 0.05	0.0%	5550291	0.05	0.05	0.0%
Y	5550211	5.61	5.45	2.9%	5550241	19.0	18.8	1.1%	5550261	5.79	5.86	1.2%	5550291	29.6	30.2	2.0%
Zn	5550211	71.0	64.9	9.0%	5550241	91.0	90.5	0.6%	5550261	99.0	96.7	2.4%	5550291	117	116	0.9%
Zr	5550211	0.5	< 0.5		5550241	1.4	1.0		5550261	1.2	1.1	8.7%	5550291	4.4	4.3	2.3%
	REPLICATE #9				REPLICATE #10				REPLICATE #11							
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Ag	5550316	0.08	0.08	0.0%	5550331	0.123	0.156	23.7%	5550358	0.08	0.08	0.0%				
As	5550316	14.7	13.7	7.0%	5550331	11.4	11.1	2.7%	5550358	23.8	23.9	0.4%				
Au	5550316	< 0.005	< 0.005	0.0%	5550331	< 0.005	< 0.005	0.0%	5550358	< 0.005	< 0.005	0.0%				
B	5550316	< 5	< 5	0.0%	5550331	< 5	< 5	0.0%	5550358	< 5	< 5	0.0%				
Be	5550316	0.433	0.405	6.7%	5550331	0.634	0.639	0.8%	5550358	0.784	0.827	5.3%				
Bi	5550316	0.38	0.35	8.2%	5550331	0.27	0.26	3.8%	5550358	0.22	0.23	4.4%				
Cd	5550316	0.12	0.11	8.7%	5550331	0.292	0.296	1.4%	5550358	0.25	0.25	0.0%				
Ce	5550316	20.1	20.9	3.9%	5550331	45.5	45.0	1.1%	5550358	69.7	72.2	3.5%				
Co	5550316	9.80	9.21	6.2%	5550331	9.03	8.94	1.0%	5550358	12.3	13.0	5.5%				
Cs	5550316	2.40	2.38	0.8%	5550331	1.19	1.15	3.4%	5550358	1.09	1.08	0.9%				
Ga	5550316	5.83	5.46	6.6%	5550331	4.32	4.21	2.6%	5550358	2.21	2.24	1.3%				
Ge	5550316	0.20	0.22	9.5%	5550331	0.253	0.260	2.7%	5550358	0.257	0.248	3.6%				
Hf	5550316	0.041	0.035	15.8%	5550331	0.309	0.272	12.7%	5550358	0.134	0.136	1.5%				
Hg	5550316	0.02	0.02	0.0%	5550331	0.04	0.04	0.0%	5550358	0.04	0.04	0.0%				
In	5550316	0.027	0.024	11.8%	5550331	0.034	0.035	2.9%	5550358	0.040	0.039	2.5%				
La	5550316	9.34	9.75	4.3%	5550331	25.3	25.1	0.8%	5550358	31.3	31.6	1.0%				
Li	5550316	28.5	26.5	7.3%	5550331	24.0	22.6	6.0%	5550358	9.4	9.7	3.1%				
Mo	5550316	1.04	0.96	8.0%	5550331	0.859	0.844	1.8%	5550358	0.688	0.670	2.7%				
Nb	5550316	0.28	0.26	7.4%	5550331	0.45	0.40	11.8%	5550358	0.057	0.052	9.2%				
Pb	5550316	17.9	17.0	5.2%	5550331	19.0	19.0	0.0%	5550358	19.6	20.3	3.5%				
Rb	5550316	13.1	13.0	0.8%	5550331	10.3	10.1	2.0%	5550358	7.88	7.70	2.3%				
Re	5550316	< 0.001	< 0.001	0.0%	5550331	0.001	0.002		5550358	0.002	< 0.001					
Sb	5550316	0.65	0.62	4.7%	5550331	0.47	0.48	2.1%	5550358	0.771	0.763	1.0%				
Sc	5550316	2.4	2.2	8.7%	5550331	6.25	6.18	1.1%	5550358	5.3	5.3	0.0%				
Se	5550316	0.3	0.3	0.0%	5550331	1.3	1.3	0.0%	5550358	1.1	1.2	8.7%				
Sn	5550316	0.3	0.3	0.0%	5550331	0.2	0.2	0.0%	5550358	< 0.2	< 0.2	0.0%				
Sr	5550316	15.8	15.1	4.5%	5550331	54.3	53.3	1.9%	5550358	44.8	44.4	0.9%				



CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

Ta	5550316	< 0.01	< 0.01	0.0%	5550331	0.04	0.02		5550358	< 0.01	< 0.01	0.0%				
Te	5550316	0.13	0.09		5550331	0.072	0.064	11.8%	5550358	0.08	0.07	13.3%				
Th	5550316	2.1	1.9	10.0%	5550331	4.12	4.05	1.7%	5550358	2.76	2.73	1.1%				
Tl	5550316	0.09	0.09	0.0%	5550331	0.07	0.07	0.0%	5550358	0.06	0.06	0.0%				
U	5550316	0.68	0.65	4.5%	5550331	14.0	13.9	0.7%	5550358	4.26	4.43	3.9%				
W	5550316	0.09	0.09	0.0%	5550331	0.081	0.074	9.0%	5550358	0.07	0.07	0.0%				
Y	5550316	3.29	3.23	1.8%	5550331	26.7	26.4	1.1%	5550358	23.0	22.8	0.9%				
Zr	5550316	1.2	1.0	18.2%	5550331	6.7	6.7	0.0%	5550358	4.0	4.0	0.0%				

### (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	5550142	0.0085	0.0082	3.6%	5550155	0.013	0.013	0.0%	5550168	0.024	0.018	28.6%	5550181	0.008	0.007	13.3%
	REPLICATE #5				REPLICATE #6				REPLICATE #7				REPLICATE #8			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	5550194	0.003	< 0.001		5550208	0.0084	0.0074	12.7%	5550287	0.007	0.007	0.0%	5550299	0.011	0.011	0.0%
	REPLICATE #9				REPLICATE #10				REPLICATE #11				REPLICATE #12			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	5550312	0.004	0.003	28.6%	5550326	0.004	0.007		5550339	0.007	0.007	0.0%	5550352	0.006	0.006	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 (CFRM-100)				CRM #2 (CFRM-100)				CRM #3 (CFRM-100)				CRM #4 (CFRM-100)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Cu	3494	3469	99%	90% - 110%	3494	3476	99%	90% - 110%	3494	3399	97%	90% - 110%	3494	3371	96%	90% - 110%
Ni	2985	2930	98%	90% - 110%	2985	2975	100%	90% - 110%	2985	3287	110%	90% - 110%	2985	3026	101%	90% - 110%
	CRM #5 (CFRM-100)				CRM #6 (CFRM-100)				CRM #7 (CFRM-100)				CRM #8 (CFRM-100)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Cu	3494	3433	98%	90% - 110%	3494	3542	101%	90% - 110%	3494	3565	102%	90% - 110%	3494	3551	102%	90% - 110%
Ni	2985	3218	108%	90% - 110%	2985	3045	102%	90% - 110%	2985	2960	99%	90% - 110%	2985	2977	100%	90% - 110%
	CRM #9 (CFRM-100)				CRM #10 (CFRM-100)				CRM #11 (CFRM-100)							
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Cu	3494	3607	103%	90% - 110%	3494	3492	100%	90% - 110%	3494	3421	98%	90% - 110%				
Ni	2985	3089	103%	90% - 110%	2985	2902	97%	90% - 110%	2985	2976	100%	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	1.47	102%	90% - 110%	6.09	6.07	100%	90% - 110%	0.722	0.693	96%	90% - 110%	1.44	1.53	106%	90% - 110%
	CRM #5 (GSP7J)				CRM #6 (1P5K)				CRM #7 (GSp7J)							
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Au	0.722	0.68	94%	90% - 110%	1.44	1.4	97%	90% - 110%	0.722	0.654	90%	90% - 110%				

## Method Summary

**CLIENT NAME: AURORA GEOSCIENCES**
**AGAT WORK ORDER: 14Y860831**
**PROJECT NO:**
**ATTENTION TO: DAVE WHITE, GABE FORTIN**

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
<b>Solid Analysis</b>			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12017		ICP-MS
Al	MIN-200-12017		ICP/OES
As	MIN-200-12017		ICP-MS
Au	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

## Method Summary

CLIENT NAME: AURORA GEOSCIENCES

AGAT WORK ORDER: 14Y860831

PROJECT NO:

ATTENTION TO: DAVE WHITE, GABE FORTIN

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