

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

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

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

**AGAT WORK ORDER: 14Y861107**

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

**DATE REPORTED: Jul 28, 2014**

**PAGES (INCLUDING COVER): 55**

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

**\*NOTES**

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



## Certificate of Analysis

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

CLIENT NAME: AURORA GEOSCIENCES

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

DATE SAMPLED: Jul 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.01	0.1	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05
Sample ID (AGAT ID)														
E5577127 (5552174)	0.47	0.18	1.53	27.8	<5	91	1.43	0.34	0.43	1.11	33.8	44.3	18.4	1.76
E5577128 (5552175)	0.51	0.26	1.39	19.6	<5	40	0.53	0.39	0.06	0.47	46.9	34.2	27.9	1.66
E5577129 (5552176)	0.47	0.28	1.15	24.2	<5	114	1.71	0.31	0.56	2.64	46.7	64.4	6.3	1.55
E5577130 (5552177)	0.42	0.45	2.87	33.6	<5	266	2.54	0.31	0.42	1.55	29.8	57.6	33.1	4.05
E5577131 (5552178)	0.45	0.29	1.96	24.9	<5	187	1.30	0.32	0.84	0.52	83.9	38.5	23.6	2.12
E5577132 (5552179)	0.41	0.09	1.97	28.8	<5	144	0.63	0.29	0.24	0.25	36.7	37.2	31.8	2.13
E5577133 (5552180)	0.41	0.22	1.81	34.1	<5	227	0.95	0.47	0.56	0.28	66.1	51.4	23.8	2.68
E5577134 (5552181)	0.40	0.15	2.19	64.9	<5	210	1.26	0.33	0.44	0.15	53.9	30.2	36.0	8.46
E5577135 (5552182)	0.51	0.08	1.80	17.7	<5	124	0.58	0.28	0.17	0.24	40.5	19.9	31.0	2.05
E5577136 (5552183)	0.48	0.13	2.04	26.7	<5	152	0.83	0.37	0.30	0.20	39.5	43.3	31.6	5.88
E5577137 (5552184)	0.40	0.08	2.08	22.4	<5	141	0.49	0.28	0.14	0.22	40.3	28.3	30.6	2.57
E5577138 (5552185)	0.39	0.08	1.42	17.5	<5	106	0.34	0.30	0.08	0.22	34.5	17.9	28.0	2.20
E5577139 (5552186)	0.40	0.05	1.82	28.6	<5	135	0.69	0.27	0.14	0.13	41.4	34.8	30.6	3.70
E5577140 (5552187)	0.46	0.09	2.00	28.1	<5	97	0.68	0.31	0.32	0.13	36.0	20.5	34.6	5.94
E5577141 (5552188)	0.37	0.08	2.23	26.0	<5	152	0.62	0.27	0.20	0.16	45.7	31.1	34.5	3.60
E5577142 (5552189)	0.40	0.18	1.60	14.9	<5	87	0.55	0.30	0.13	0.62	30.2	19.5	30.7	2.11
E5577143 (5552190)	0.64	0.08	1.57	49.2	<5	134	0.78	0.41	0.12	0.16	57.1	44.5	22.2	4.19
E5577144 (5552191)	0.43	0.12	1.74	28.6	<5	178	1.04	0.33	0.89	0.37	48.0	20.7	23.3	1.00
E5577145 (5552192)	0.39	0.16	1.78	17.1	<5	111	0.96	0.36	1.14	0.27	40.5	25.4	24.4	1.61
E5577146 (5552193)	0.39	0.10	1.56	24.3	<5	166	0.84	0.38	0.95	0.32	53.9	42.1	21.5	1.31
E5577147 (5552194)	0.41	0.20	1.59	34.1	<5	89	1.02	0.30	0.54	0.63	25.0	30.3	19.3	1.76
E5577148 (5552195)	0.22	0.33	2.29	22.4	<5	116	1.02	0.34	0.71	0.68	29.6	42.3	33.6	5.28
E5577149 (5552196)	0.41	0.14	1.51	40.7	<5	94	0.73	0.33	0.36	0.70	27.2	27.8	24.7	2.75
E5577150 (5552197)	0.05	1.96	2.06	4.7	<5	53	0.16	0.85	1.33	0.53	14.6	94.7	101	0.71
E5577151 (5552198)	0.45	0.22	1.40	52.5	<5	78	0.67	0.35	0.33	0.33	38.2	32.8	24.4	1.98
E5577152 (5552199)	0.51	0.16	1.99	46.8	<5	117	0.85	0.26	0.46	0.31	36.3	32.8	31.1	2.94
E5577153 (5552200)	0.48	0.16	2.23	53.9	<5	94	0.81	0.25	0.23	0.44	54.5	45.3	36.8	2.75
E5577154 (5552201)	0.44	0.14	2.34	40.8	<5	112	0.84	0.25	0.46	0.54	46.8	47.8	45.5	2.56
E5577155 (5552202)	0.40	0.20	2.23	38.1	<5	96	0.81	0.27	0.28	0.32	45.9	41.1	46.0	3.24
E5577156 (5552203)	0.44	0.15	2.86	51.5	<5	131	1.23	0.28	0.64	0.63	44.7	57.4	50.8	5.38
E5577157 (5552204)	0.44	0.17	2.11	51.9	<5	89	0.75	0.31	0.28	0.66	54.8	47.4	36.1	1.76

Certified By:

*Y. Chen*



## Certificate of Analysis

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

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SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.01	0.1	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05
Sample ID (AGAT ID)														
E5577158 (5552205)	0.40	0.32	3.04	114	<5	144	1.16	0.33	0.52	0.88	51.5	82.8	58.4	3.54
E5577159 (5552206)	0.54	0.23	2.43	49.5	<5	111	0.78	0.32	0.39	0.64	57.4	62.9	44.7	2.46
E5578461 (5552207)	0.14	0.15	1.51	3.5	<5	737	0.82	0.24	1.88	0.25	28.0	15.9	24.0	4.76
E5578462 (5552208)	0.39	0.19	1.14	19.0	<5	313	0.73	0.25	1.45	0.57	28.0	20.9	27.1	3.30
E5578463 (5552209)	0.33	0.11	2.36	9.1	<5	367	0.91	0.27	0.62	0.40	44.5	35.5	39.7	4.52
E5578464 (5552210)	0.41	0.13	2.51	12.7	<5	329	1.11	0.30	0.26	0.45	62.0	47.7	45.1	4.81
E5578465 (5552211)	0.40	0.13	2.77	10.4	<5	470	1.31	0.29	0.38	0.60	57.3	59.6	44.9	4.07
E5578466 (5552212)	0.36	0.20	1.55	28.2	<5	295	1.13	0.33	1.22	1.46	38.2	35.3	28.3	3.29
E5578467 (5552213)	0.44	0.12	1.72	17.5	<5	115	0.79	0.28	0.92	0.76	33.2	23.5	28.1	2.10
E5578468 (5552214)	0.31	0.15	2.03	14.1	<5	324	0.88	0.25	0.55	0.41	37.6	34.9	41.1	3.61
E5578469 (5552215)	0.31	0.19	1.53	24.4	<5	93	0.94	0.38	1.11	0.33	23.0	18.7	24.2	2.47
E5578470 (5552216)	0.27	0.19	1.47	22.5	<5	174	0.88	0.29	1.06	0.65	27.0	18.1	25.2	1.81
E5578471 (5552217)	0.26	0.28	2.06	19.4	<5	102	1.29	0.54	0.24	0.27	31.8	82.2	33.5	5.38
E5578475 (5552218)	0.05	0.14	1.61	4.9	<5	126	0.18	0.07	1.31	0.17	10.7	8.1	42.3	0.36
E5578477 (5552219)	0.65	0.22	1.56	21.4	<5	92	0.74	0.44	0.14	0.71	52.8	37.0	25.6	1.68
E5578478 (5552220)	0.28	0.11	2.16	17.1	<5	90	0.70	0.36	0.47	0.32	42.2	18.7	33.9	3.30
E5578479 (5552221)	0.42	0.12	2.84	21.7	<5	94	0.65	0.28	0.07	0.34	46.9	40.1	46.7	3.00
E5578480 (5552222)	0.51	0.09	2.54	26.3	<5	78	0.70	0.27	0.14	0.35	52.9	43.6	42.5	2.60
E5578481 (5552223)	0.48	0.06	2.45	14.3	<5	106	0.69	0.26	0.13	0.27	43.4	24.1	39.9	1.81
E5578482 (5552224)	0.42	0.05	2.30	14.5	<5	74	0.53	0.22	0.14	0.27	39.2	20.9	37.0	1.76
E5578483 (5552225)	0.36	0.17	1.68	24.1	13	66	0.65	0.32	0.52	0.31	35.1	18.2	27.7	2.62
E5578484 (5552226)	0.45	0.07	1.71	12.7	5	58	0.41	0.28	0.11	0.33	35.8	16.8	29.5	1.59
E5578485 (5552227)	0.41	0.07	1.36	11.4	<5	124	0.48	0.28	0.21	0.18	26.8	9.0	30.0	2.00
E5578486 (5552228)	0.39	0.15	1.36	15.1	<5	103	0.46	0.34	0.11	0.24	29.6	12.6	26.0	2.08
E5578487 (5552230)	0.48	0.09	1.41	18.2	<5	58	0.65	0.34	0.13	0.19	46.3	31.1	23.4	1.53
E5578488 (5552231)	0.25	0.26	1.85	15.3	<5	68	0.95	0.46	0.25	0.32	32.8	42.1	28.4	3.21
E5578489 (5552232)	0.27	0.20	2.10	41.9	<5	71	1.14	0.94	0.12	0.17	32.0	56.9	34.1	6.98
E5578490 (5552233)	0.49	0.07	2.09	16.6	<5	94	0.63	0.32	0.14	0.31	40.7	38.0	34.6	1.57
E5578491 (5552234)	0.37	0.07	1.39	9.9	<5	68	0.39	0.26	0.05	0.17	28.0	7.4	25.1	1.94
E5578492 (5552235)	0.47	0.06	2.04	13.8	<5	83	0.59	0.27	0.16	0.17	36.2	23.6	34.5	1.82
E5578493 (5552236)	0.37	0.07	2.05	11.9	9	88	0.51	0.27	0.06	0.45	32.5	18.0	33.0	1.60

Certified By:

*Y. Chen*



## Certificate of Analysis

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

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SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.01	0.1	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05
Sample ID (AGAT ID)														
E5578494 (5552237)	0.45	0.10	1.94	11.5	<5	106	0.62	0.28	0.38	0.26	36.6	21.5	31.1	1.65
E5578495 (5552238)	0.38	0.10	1.79	10.1	<5	79	0.66	0.30	0.15	0.15	35.3	18.7	28.3	3.57
E5578496 (5552239)	0.46	0.08	1.87	11.0	<5	69	0.71	0.31	0.07	0.13	42.7	19.1	27.9	1.84
E5577460 (5552240)	0.47	0.17	1.33	42.4	<5	65	1.14	0.36	1.88	0.52	34.8	21.4	17.6	2.46
E5577461 (5552241)	0.54	0.17	1.72	48.1	<5	208	0.85	0.33	1.32	0.53	51.1	98.0	23.2	5.70
E5577462 (5552242)	0.42	0.10	3.06	5.6	<5	339	0.82	0.20	0.21	0.33	48.9	111	43.9	5.52
E5577463 (5552243)	0.45	0.08	3.13	6.1	<5	385	1.15	0.23	0.35	0.36	52.4	107	45.4	7.74
E5577464 (5552244)	0.51	0.20	3.19	5.4	<5	447	1.05	0.22	0.31	0.77	70.4	127	44.6	10.1
E5577465 (5552245)	0.48	0.11	2.77	4.9	<5	258	1.10	0.25	0.31	0.38	58.1	58.8	40.3	5.30
E5577466 (5552246)	0.44	0.08	3.18	4.8	<5	435	1.09	0.25	0.31	0.52	59.5	47.4	47.8	5.20
E5577467 (5552247)	0.54	0.27	3.27	5.3	<5	499	1.03	0.23	0.31	0.69	57.9	59.5	55.0	9.28
E5577468 (5552248)	0.67	0.23	3.87	4.2	<5	752	1.15	0.24	0.28	0.93	92.0	78.0	53.3	6.29
E5577469 (5552249)	0.52	0.20	3.30	4.0	<5	476	1.04	0.21	0.42	0.66	73.2	55.6	46.6	6.70
E5577470 (5552250)	0.45	0.18	3.49	2.9	<5	527	1.10	0.23	0.42	0.62	65.2	49.9	51.9	6.14
E5577471 (5552251)	0.50	0.19	3.12	3.3	<5	459	1.20	0.28	0.44	0.59	56.6	53.7	41.6	7.61
E5577472 (5552252)	0.70	0.15	1.94	24.0	<5	102	1.13	0.40	0.24	0.52	50.3	39.1	22.4	5.64
E5577473 (5552253)	0.41	0.30	2.31	44.2	<5	179	2.06	0.37	0.83	1.91	49.6	68.3	23.4	13.4
E5577474 (5552254)	0.51	0.14	0.61	42.7	<5	97	0.81	0.31	1.37	0.40	17.5	18.7	13.3	3.90
E5577475 (5552255)	0.05	0.12	1.59	4.7	<5	123	0.17	0.06	1.28	0.17	10.4	7.7	41.0	0.37
E5577476 (5552256)	0.49	0.22	1.02	47.5	<5	134	1.19	0.41	0.71	0.59	43.1	21.1	16.7	2.51
E5577477 (5552257)	0.57	0.16	3.82	20.2	<5	525	1.69	0.25	0.31	0.88	64.9	112	42.3	12.0
E5577478 (5552259)	0.59	0.18	2.88	8.9	<5	439	0.90	0.21	0.29	0.42	51.9	82.9	40.1	11.2
E5577479 (5552260)	0.47	0.20	3.01	9.6	<5	474	1.03	0.24	0.36	0.51	46.0	92.1	42.2	8.98
E5577480 (5552261)	0.57	0.17	1.44	20.0	<5	120	1.35	0.33	0.25	0.43	62.7	26.5	20.3	7.11
E5577481 (5552262)	0.48	0.22	1.24	37.4	<5	158	0.86	0.25	0.68	0.46	45.1	42.5	26.7	5.16
E5577482 (5552263)	0.41	0.12	0.71	30.5	<5	119	0.86	0.30	0.94	0.46	49.1	17.9	12.9	2.91
E5577483 (5552264)	0.39	0.24	3.56	4.2	<5	810	1.44	0.24	0.81	0.41	54.5	82.8	42.2	1.54
E5577484 (5552265)	0.28	0.17	1.35	13.2	7	83	0.88	0.22	5.53	0.45	36.1	18.1	16.8	1.00
E5577485 (5552266)	0.42	0.15	1.16	21.3	<5	137	0.80	0.26	0.40	0.24	42.1	22.0	18.3	1.63
E5577486 (5552267)	0.47	0.23	2.40	7.4	<5	1190	0.70	0.23	0.28	0.32	49.8	312	33.8	9.55
E5577487 (5552268)	0.36	0.19	1.42	18.3	<5	166	1.05	0.26	0.71	0.40	59.5	15.7	18.0	2.82

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Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.01	0.1	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05
Sample ID (AGAT ID)														
E5577488 (5552269)	0.45	0.18	1.31	10.0	<5	103	0.70	0.23	2.24	0.40	38.1	13.0	17.4	1.64
E5577489 (5552270)	0.45	0.12	3.12	5.2	<5	537	1.10	0.24	0.18	0.37	53.4	110	50.5	7.56
E5577490 (5552271)	0.37	0.07	2.28	6.0	<5	239	0.62	0.33	0.10	0.26	34.3	32.1	38.3	2.81
E5577491 (5552273)	0.48	0.09	2.79	6.1	<5	304	1.33	0.27	0.33	0.45	55.2	100	32.5	5.69
E5577492 (5552274)	0.40	0.16	1.32	24.1	<5	92	0.88	0.32	1.05	0.33	37.8	19.3	16.9	3.82
E5577493 (5552275)	0.47	0.18	0.93	25.1	<5	120	0.71	0.32	1.68	0.37	34.6	15.9	14.7	1.96
E5577494 (5552276)	0.48	0.22	0.97	10.9	<5	109	0.95	0.28	2.43	0.54	49.9	17.7	18.5	2.48
E5272179 (5552277)	0.65	0.14	3.22	8.0	<5	409	0.98	0.27	0.29	0.71	78.0	90.8	45.3	5.07
E5272180 (5552278)	0.87	0.13	2.88	7.7	<5	256	0.92	0.20	0.25	0.42	51.9	38.7	49.3	4.75
E5272181 (5552280)	0.40	0.13	3.46	4.9	<5	291	0.96	0.23	0.28	0.46	57.8	46.2	54.5	3.56
E5272182 (5552281)	0.49	0.12	3.34	5.0	<5	281	0.92	0.24	0.24	0.42	65.5	50.2	47.1	3.22
E5272183 (5552282)	0.48	0.15	3.16	6.5	<5	251	1.05	0.25	0.25	0.40	59.3	42.6	44.6	3.53
E5272184 (5552283)	0.59	0.14	2.15	21.5	<5	160	1.00	0.36	0.23	0.43	57.8	38.5	25.2	3.92
E5272185 (5552284)	0.61	0.07	2.28	16.1	<5	191	0.85	0.31	0.42	0.41	55.1	46.4	26.3	3.72
E5272186 (5552285)	0.59	0.09	1.79	23.8	<5	178	0.86	0.32	0.69	0.36	46.3	40.0	25.3	3.25
E5272187 (5552286)	0.31	0.17	2.15	11.5	<5	389	0.96	0.26	0.75	0.49	40.1	41.3	34.4	5.41
E5272188 (5552287)	0.62	0.14	2.30	11.5	<5	177	0.70	0.23	1.41	0.30	42.7	37.6	34.3	1.46
E5272189 (5552288)	0.46	0.18	1.00	21.6	<5	105	0.95	0.32	1.99	0.19	41.4	19.0	11.1	1.47
E5272190 (5552289)	0.37	0.23	1.95	15.0	<5	226	1.03	0.27	0.47	0.35	44.4	55.7	26.8	3.51
E5272191 (5552290)	0.45	0.35	2.68	7.2	<5	1210	1.15	0.20	0.32	0.51	59.8	164	34.1	8.77
E5272192 (5552291)	0.52	0.16	2.58	6.4	<5	239	0.99	0.23	0.20	0.31	48.0	56.9	35.7	4.74
E5272193 (5552292)	0.52	0.12	1.55	10.8	<5	188	0.85	0.29	0.74	0.23	29.1	10.1	25.4	2.13
E5272194 (5552293)	0.59	0.09	1.97	10.9	<5	226	0.65	0.30	0.45	0.28	37.2	11.2	31.5	2.02
E5272195 (5552294)	0.41	0.18	1.77	13.1	<5	211	0.92	0.27	1.38	0.40	30.5	15.5	27.2	5.45
E5272196 (5552295)	0.43	0.10	1.79	9.8	<5	168	0.84	0.25	1.03	0.24	25.4	10.5	23.2	1.57
E5272197 (5552296)	0.48	0.09	0.78	19.8	<5	44	0.54	0.24	1.99	0.21	34.9	12.6	13.2	1.15
E5272198 (5552297)	0.55	0.10	0.94	22.3	<5	60	0.56	0.25	3.17	0.25	38.6	17.3	16.2	1.45
E5272199 (5552298)	0.45	0.10	1.29	17.5	<5	88	0.69	0.28	0.53	0.21	38.3	17.1	21.3	1.79
E5272200 (5552299)	0.08	1.16	1.04	3.8	24	15	<0.05	0.49	0.40	0.61	2.27	299	1360	0.16
E5272201 (5552300)	0.40	0.21	1.88	14.8	<5	317	0.95	0.30	0.63	0.17	44.3	18.1	28.4	2.82
E5272202 (5552301)	0.48	0.20	1.05	15.5	5	147	0.90	0.32	4.17	0.67	33.3	18.6	15.9	2.87

Certified By:

*Y. Chen*



## Certificate of Analysis

AGAT WORK ORDER: 14Y861107

PROJECT NO: KTL-14514-YT

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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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 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.01	0.1	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05
Sample ID (AGAT ID)														
E5272203 (5552302)	0.35	0.20	0.76	23.0	<5	129	1.12	0.43	4.03	0.77	43.5	19.9	12.7	1.58
E5272204 (5552303)	0.37	0.10	1.43	27.4	5	104	0.79	0.29	0.88	0.40	24.6	13.8	21.9	2.58
E5272205 (5552304)	0.31	0.17	1.48	23.9	5	151	1.04	0.30	1.15	0.37	31.9	14.8	21.3	3.38
E5272206 (5552305)	0.57	0.13	1.40	38.2	<5	91	0.99	0.36	0.36	0.51	41.4	25.3	16.5	3.83
E5272207 (5552306)	0.26	0.15	1.35	17.1	6	376	1.06	0.24	1.62	0.80	31.7	23.0	17.5	3.57
E5272208 (5552307)	0.32	0.18	2.18	8.9	5	211	1.13	0.33	0.72	0.36	41.7	18.4	31.3	5.63
E5272209 (5552308)	0.44	0.15	1.76	21.0	<5	202	1.06	0.36	0.65	0.20	37.7	14.2	24.1	4.95
E5272092 (5552310)	0.33	0.04	2.17	6.4	<5	175	0.60	0.27	0.20	0.30	35.8	24.9	33.0	2.01
E5272093 (5552311)	0.44	0.07	2.45	6.8	<5	197	0.71	0.21	0.18	0.20	47.5	36.7	34.9	2.96
E5272094 (5552312)	0.37	0.10	2.25	7.9	<5	288	0.92	0.26	0.31	0.37	42.0	23.4	33.9	2.97
E5272095 (5552313)	0.47	0.06	2.32	5.3	<5	211	0.61	0.21	0.28	0.22	37.7	41.7	34.9	3.18
E5272096 (5552315)	0.45	0.09	2.67	4.3	<5	271	0.72	0.21	0.20	0.44	48.4	59.2	38.1	4.08
E5272097 (5552316)	0.55	0.09	2.77	4.2	<5	267	0.88	0.23	0.26	0.41	47.8	40.7	41.8	3.38
E5272098 (5552317)	0.37	0.09	2.86	4.8	<5	527	0.96	0.27	0.32	0.48	45.8	56.9	40.2	2.59
E5272099 (5552318)	0.47	0.10	2.53	8.6	<5	1140	1.14	0.20	0.20	0.81	58.0	143	32.3	8.02
E5272100 (5552319)	0.08	1.16	0.99	3.3	24	14	<0.05	0.51	0.38	0.63	2.36	292	1280	0.19
E5272101 (5552320)	0.50	0.23	1.12	16.8	<5	96	0.87	0.35	1.66	0.29	30.5	15.4	16.4	2.58
E5272102 (5552321)	0.41	0.11	2.02	10.6	<5	157	1.01	0.35	0.55	0.78	56.8	19.1	23.0	2.81
E5272103 (5552322)	0.49	0.11	1.29	12.9	6	200	0.76	0.24	5.26	0.35	37.6	20.9	14.3	2.43
E5272104 (5552324)	0.56	0.20	2.18	9.2	<5	225	0.77	0.24	0.43	0.77	41.8	66.4	28.7	2.72
E5272105 (5552325)	0.57	0.18	3.03	2.4	<5	839	0.84	0.22	0.32	0.51	56.8	259	39.4	10.2
E5272106 (5552326)	0.51	0.16	0.96	21.7	<5	78	1.02	0.36	1.10	0.37	28.5	35.4	13.1	4.18
E5272107 (5552327)	0.55	0.51	3.17	10.2	<5	335	1.71	0.32	0.29	1.04	98.3	166	39.0	9.50
E5272108 (5552328)	0.52	0.28	3.34	3.8	<5	349	1.59	0.26	0.46	0.53	59.5	105	40.1	3.60
E5272109 (5552329)	0.56	0.15	2.90	3.7	<5	356	1.05	0.25	0.22	0.44	62.6	78.8	37.7	3.15
E5577160 (5552330)	0.46	0.08	2.48	8.0	<5	188	1.04	0.25	0.19	0.28	55.7	88.9	32.5	5.92
E5577161 (5552331)	0.40	0.11	1.40	14.0	<5	168	1.04	0.28	1.17	0.76	34.3	22.7	18.0	2.27
E5577162 (5552333)	0.44	0.12	2.37	10.4	<5	177	1.12	0.27	0.51	0.75	50.4	53.8	31.7	3.99
E5577163 (5552334)	0.46	0.12	3.02	5.0	<5	354	1.03	0.21	0.50	0.28	53.6	57.2	38.9	2.40
E5577164 (5552335)	0.44	0.09	1.73	12.5	<5	167	1.09	0.35	0.84	0.43	36.5	23.2	22.0	2.86
E5577165 (5552336)	0.39	0.16	1.88	13.5	<5	231	1.32	0.34	0.70	0.44	39.3	23.8	25.6	2.84

Certified By:

*Y. Chen*



## Certificate of Analysis

AGAT WORK ORDER: 14Y861107

PROJECT NO: KTL-14514-YT

5623 McADAM ROAD  
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<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 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.01	0.1	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05
Sample ID (AGAT ID)														
E5577166 (5552337)	0.47	0.21	1.81	21.8	<5	159	1.19	0.43	0.55	0.32	47.5	42.1	25.0	4.42
E5577167 (5552338)	0.41	0.11	2.17	7.5	<5	262	1.03	0.24	0.51	0.38	40.9	50.8	29.9	5.29
E5577168 (5552339)	0.42	0.17	2.03	12.1	<5	557	1.07	0.26	0.42	0.41	42.2	51.8	26.7	4.23
E5577169 (5552340)	0.45	0.09	1.66	12.1	<5	123	0.73	0.24	0.34	0.18	36.5	15.3	25.6	1.10
E5577170 (5552341)	0.55	0.06	1.68	8.3	<5	121	0.56	0.23	0.31	0.14	32.2	8.3	26.0	1.56
E5577171 (5552342)	0.45	0.14	2.12	16.4	<5	45	0.59	0.41	0.03	0.13	29.1	41.5	27.6	5.29
E5577172 (5552343)	0.44	0.10	2.03	18.5	<5	37	0.71	0.33	0.04	0.09	26.5	16.1	27.3	5.37
E5577173 (5552344)	0.40	0.08	1.50	9.5	<5	78	0.87	0.27	0.16	0.18	34.5	10.9	27.9	1.16
E5577174 (5552345)	0.37	0.06	1.94	10.7	<5	146	0.62	0.26	0.46	0.25	59.1	11.5	37.9	1.46
E5577175 (5552346)	0.05	0.11	1.47	4.6	<5	111	0.19	0.06	1.18	0.17	10.8	7.5	37.7	0.38
E5577176 (5552347)	0.34	0.10	1.88	9.2	<5	115	0.83	0.26	0.39	0.45	61.4	12.2	38.1	1.58
E5577177 (5552349)	0.38	0.11	1.73	14.1	<5	93	0.74	0.21	0.34	0.26	68.8	12.1	47.9	1.41
E5577178 (5552350)	0.36	0.07	1.79	6.1	<5	98	0.76	0.22	0.84	0.43	64.7	10.9	38.7	0.87
E5577179 (5552351)	0.38	0.07	1.82	4.9	<5	121	0.83	0.19	0.44	0.30	73.1	8.9	34.4	1.37
E5269757 (5552352)	0.55	0.14	3.62	3.3	<5	687	1.17	0.22	0.41	1.01	95.6	63.6	43.5	7.89
E5269758 (5552353)	0.59	0.16	4.02	4.3	<5	718	1.26	0.22	0.30	1.15	100	129	45.2	8.93
E5269759 (5552354)	0.42	0.12	2.21	12.4	<5	845	0.90	0.24	0.41	0.47	46.0	55.3	43.3	2.28
E5272060 (5552355)	0.41	0.08	2.60	14.4	<5	360	1.09	0.26	0.35	0.52	50.0	73.1	37.6	3.02
E5272061 (5552356)	0.39	0.24	1.90	29.0	<5	303	1.06	0.25	0.77	0.85	57.3	61.5	36.0	2.97
E5272062 (5552357)	0.50	0.18	1.47	39.8	<5	144	1.10	0.30	0.86	0.33	51.1	38.1	25.3	2.43
E5272063 (5552359)	0.40	0.16	1.35	28.8	<5	125	0.83	0.31	0.61	0.30	37.4	22.2	26.1	1.67
E5272064 (5552360)	0.46	0.16	1.26	26.6	<5	63	0.87	0.32	0.78	0.26	34.0	17.8	24.8	1.73
E5272065 (5552361)	0.54	0.21	1.41	38.5	<5	146	1.12	0.46	0.49	0.37	62.0	43.7	28.5	1.94
E5272066 (5552362)	0.50	0.09	1.68	10.9	<5	73	0.40	0.30	0.07	0.37	33.2	11.2	30.4	1.47
E5272067 (5552363)	0.45	0.12	2.46	9.3	<5	227	0.94	0.29	0.16	0.40	47.3	23.5	33.3	1.73
E5272068 (5552364)	0.44	0.06	0.97	28.5	<5	106	0.67	0.26	0.31	0.25	38.3	18.9	25.2	2.66
E5272069 (5552365)	0.58	0.11	1.84	17.7	<5	144	0.72	0.27	0.78	0.37	30.2	13.0	29.2	1.87
E5272070 (5552366)	0.43	0.14	2.47	11.3	<5	225	0.96	0.26	0.30	0.31	39.9	23.4	37.6	2.65
E5272071 (5552367)	0.46	0.31	2.72	10.1	<5	471	1.40	0.25	0.27	0.53	74.9	51.1	44.4	2.34
E5272072 (5552368)	0.42	0.18	3.47	8.9	<5	400	1.93	0.26	0.42	1.00	86.0	58.0	43.9	2.69
E5272073 (5552369)	0.40	0.15	1.98	3.9	<5	133	0.56	0.24	0.13	0.30	31.7	17.7	32.2	1.51

Certified By:

*Y. Chen*



## Certificate of Analysis

AGAT WORK ORDER: 14Y861107

PROJECT NO: KTL-14514-YT

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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.01	0.1	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05
Sample ID (AGAT ID)														
E5272074 (5552370)	0.46	0.20	3.31	4.7	<5	362	1.16	0.24	0.44	0.73	66.1	77.8	45.5	1.61
E5272075 (5552371)	0.05	0.12	1.46	5.0	<5	113	0.18	0.06	1.16	0.16	9.95	7.7	38.3	0.35
E5272076 (5552372)	0.52	0.12	3.43	5.7	<5	356	1.33	0.24	0.30	0.42	61.4	63.2	46.2	2.99
E5272077 (5552373)	0.35	0.19	2.68	6.0	<5	385	1.35	0.26	0.91	0.56	61.4	35.8	34.7	1.34
E5272078 (5552374)	0.48	0.15	2.74	5.4	<5	256	0.97	0.25	0.27	0.37	60.6	44.7	42.3	2.26
E5272079 (5552375)	0.36	0.17	2.34	6.0	<5	489	0.95	0.23	0.81	0.40	40.8	25.6	32.5	3.22
E5272080 (5552376)	0.48	0.11	1.27	11.4	<5	284	0.75	0.12	0.76	2.21	115	48.1	16.0	1.39
E5272081 (5552377)	0.55	0.22	2.30	25.0	<5	214	1.15	0.35	0.25	0.41	57.4	42.6	33.4	3.85
E5272082 (5552378)	0.44	0.14	1.73	12.7	<5	172	1.56	0.37	0.50	0.44	27.9	17.5	23.3	7.85
E5272083 (5552379)	0.45	0.14	1.15	30.7	<5	89	1.17	0.29	0.78	0.48	27.5	21.3	13.2	1.22
E5272084 (5552380)	0.43	0.10	2.07	8.8	<5	210	0.92	0.26	0.20	0.34	44.7	23.2	30.8	1.52
E5272085 (5552381)	0.39	0.18	2.02	17.9	<5	133	1.71	0.40	0.64	0.75	39.3	42.7	24.7	3.96
E5272086 (5552382)	0.31	0.14	1.35	12.9	<5	87	1.18	0.30	1.45	0.44	19.4	13.7	16.6	1.82
E5272087 (5552383)	0.52	0.11	2.00	9.4	<5	161	0.78	0.24	0.34	0.44	45.8	36.9	27.1	2.11
E5272088 (5552384)	0.43	0.24	1.90	17.0	<5	133	1.33	0.34	0.72	0.22	31.5	20.1	24.1	2.96
E5272089 (5552385)	0.55	0.21	1.84	34.6	<5	195	1.37	0.38	0.41	0.61	35.0	44.0	24.6	3.93
E5272090 (5552386)	0.40	0.23	1.61	20.3	<5	168	2.21	0.34	1.38	0.48	19.8	22.8	20.8	4.86
E5272091 (5552387)	0.49	0.21	1.73	26.1	<5	100	1.52	0.40	1.22	0.97	31.6	29.5	22.0	5.87
E5578210 (5552388)	0.49	0.08	2.28	9.8	<5	290	0.85	0.29	0.34	0.26	54.0	18.1	29.8	2.69
E5578211 (5552389)	0.33	0.09	1.80	15.1	<5	348	1.23	0.32	1.25	1.60	52.0	15.8	25.8	1.92
E5578212 (5552390)	0.42	0.06	1.51	9.6	<5	210	0.45	0.29	0.45	0.38	30.7	12.8	26.3	2.23
E5578213 (5552391)	0.26	0.14	1.84	10.3	<5	302	1.01	0.28	0.81	0.40	35.6	20.5	26.2	3.06
E5578214 (5552392)	0.42	0.10	1.87	13.5	<5	176	1.02	0.30	0.72	0.43	36.8	15.8	28.4	3.68
E5578215 (5552393)	0.46	0.22	0.97	10.8	5	106	0.82	0.36	2.84	0.47	33.7	18.4	13.4	2.10
E5578216 (5552394)	0.49	0.15	0.55	13.9	5	89	0.58	0.28	6.59	0.34	40.8	15.2	8.0	1.92
E5578217 (5552395)	0.47	0.18	0.58	13.8	5	96	0.65	0.26	4.77	0.42	22.5	12.1	8.4	1.45
E5578218 (5552396)	0.45	0.17	0.53	13.4	7	133	0.70	0.27	6.65	0.52	23.9	11.7	8.5	1.22
E5578219 (5552397)	0.40	0.39	0.91	12.5	<5	111	1.01	0.40	0.90	0.40	34.4	14.3	13.8	2.99
E5578220 (5552398)	0.50	0.36	2.05	17.6	<5	172	1.00	0.32	0.89	0.41	51.0	53.1	31.3	13.6
E5578221 (5552399)	0.59	0.25	1.49	12.6	<5	86	1.23	0.41	0.34	0.33	36.8	44.1	17.2	7.08
E5578222 (5552400)	0.53	0.20	1.36	14.8	<5	350	0.95	0.34	0.45	0.40	38.1	28.3	17.7	3.16

Certified By:

*Y. Chen*





# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y861107

PROJECT NO: KTL-14514-YT

5623 McADAM ROAD  
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CANADA L4Z 1N9  
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<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 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.01	0.1	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05
Sample ID (AGAT ID)														
E5578223 (5552401)	0.44	0.18	1.62	17.7	<5	174	0.89	0.28	0.44	0.28	41.4	24.8	25.1	3.60
E5578224 (5552402)	0.44	0.19	1.23	19.3	<5	92	0.92	0.33	0.38	0.21	34.4	18.0	18.7	4.22
E5578225 (5552404)	0.47	0.17	1.22	19.4	<5	92	0.92	0.31	0.37	0.22	32.0	17.7	18.5	4.47
E5578226 (5552405)	0.34	0.15	1.16	15.9	<5	157	0.91	0.33	0.67	0.30	17.6	18.2	15.6	2.02
E5578227 (5552406)	0.57	0.15	1.11	16.8	<5	104	0.68	0.34	1.40	0.29	38.4	27.3	16.2	2.52
E5578228 (5552407)	0.30	0.20	1.66	14.9	<5	243	1.18	0.31	0.87	0.46	30.7	23.2	24.9	6.15
E5578229 (5552408)	0.31	0.21	1.18	14.5	<5	289	1.17	0.33	0.87	0.49	32.7	21.3	18.7	3.18
E5578230 (5552409)	0.30	0.30	1.82	15.3	<5	407	1.40	0.32	0.94	0.41	31.3	39.9	24.1	4.54
E5578231 (5552410)	0.44	0.24	1.04	29.2	<5	162	0.94	0.39	0.60	0.34	34.4	18.2	21.3	1.90
E5578232 (5552411)	0.44	0.23	1.34	14.8	<5	90	1.00	0.36	1.19	0.47	35.7	19.7	17.0	2.48
E5578233 (5552412)	0.38	0.33	1.42	16.2	<5	155	1.09	0.32	0.79	0.39	33.2	21.6	21.8	3.31
E5578234 (5552414)	0.37	0.28	1.35	17.2	<5	148	1.24	0.33	1.20	0.49	37.6	24.0	19.8	3.99
E5578235 (5552416)	0.47	0.27	1.49	19.4	<5	116	1.12	0.32	0.73	0.48	30.7	23.1	23.4	3.74
E5578236 (5552417)	0.43	0.14	1.98	8.7	<5	140	0.85	0.26	0.26	0.34	46.0	29.4	37.4	4.18
E5578237 (5552418)	0.47	0.15	1.62	11.0	<5	249	0.66	0.28	0.33	0.23	36.9	13.7	29.8	3.19
E5578238 (5552419)	0.42	0.20	0.95	22.0	<5	69	0.83	0.36	0.55	0.38	43.6	17.8	20.7	2.28
E5578239 (5552421)	0.35	0.11	1.45	15.8	<5	113	0.66	0.31	0.52	0.37	30.9	15.7	23.8	3.29
E5578240 (5552422)	0.35	0.23	1.66	14.2	<5	224	1.06	0.29	0.70	0.37	28.6	17.3	25.5	3.69
E5578241 (5552423)	0.36	0.10	1.51	13.7	<5	261	0.70	0.32	0.48	0.35	28.8	14.5	26.7	2.80
E5578242 (5552424)	0.25	0.18	1.77	17.6	<5	303	1.14	0.37	0.44	0.72	43.9	28.1	23.7	4.48
E5578910 (5552425)	0.44	0.23	1.32	33.7	<5	141	1.24	0.38	0.72	0.38	42.5	25.2	21.1	6.10
E5578911 (5552426)	0.39	0.15	1.22	28.8	<5	100	0.94	0.37	0.60	0.25	36.9	19.0	19.4	4.19
E5578912 (5552427)	0.39	0.10	1.94	12.3	<5	156	0.78	0.26	0.31	0.25	37.8	19.6	31.0	1.28
E5578913 (5552428)	0.57	0.15	1.64	15.8	<5	100	0.91	0.27	0.66	0.27	35.1	18.7	27.3	0.97
E5578914 (5552429)	0.30	0.11	1.36	17.3	<5	90	0.91	0.32	0.54	0.23	33.1	23.3	19.5	1.78
E5578915 (5552430)	0.29	0.20	1.30	19.0	<5	119	0.98	0.35	0.68	0.44	30.7	24.4	18.8	2.94
E5578916 (5552431)	0.39	0.20	1.48	13.7	<5	98	1.18	0.38	0.80	0.40	43.7	15.8	18.8	2.73
E5578917 (5552432)	0.32	0.20	1.45	21.8	<5	178	1.22	0.36	0.58	0.30	29.2	26.7	21.5	4.58
E5578918 (5552433)	0.53	0.07	2.16	12.3	<5	159	0.87	0.27	0.20	0.17	44.8	25.8	33.8	1.64
E5578919 (5552434)	0.31	0.15	1.63	13.9	<5	242	1.01	0.31	0.81	0.30	26.3	18.2	24.1	5.51
E5578920 (5552435)	0.81	0.17	1.99	15.4	<5	169	0.74	0.29	0.21	0.39	50.3	28.8	29.8	1.86

Certified By:

*Y. Chen*



# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y861107

PROJECT NO: KTL-14514-YT

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<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 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.01	0.1	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05
Sample ID (AGAT ID)														
E5578921 (5552436)	0.42	0.10	2.01	14.7	<5	165	0.81	0.29	0.23	0.26	41.4	21.1	29.3	2.08
E5578922 (5552437)	0.56	0.16	1.81	15.3	<5	192	0.96	0.31	0.24	0.25	40.5	21.1	27.7	3.25
E5578923 (5552438)	0.30	0.35	1.52	17.2	5	125	1.25	0.37	0.92	0.37	30.5	26.0	19.9	5.51
E5578924 (5552439)	0.48	0.21	1.06	14.4	<5	114	0.80	0.32	0.43	0.27	18.3	10.1	17.2	1.31
E5578925 (5552440)	0.42	0.20	1.03	14.0	<5	109	0.80	0.32	0.44	0.28	17.8	10.1	16.6	1.32
E5578926 (5552441)	0.38	0.22	1.00	14.9	<5	133	1.28	0.38	1.04	0.86	45.8	21.1	12.6	2.09
E5578927 (5552442)	0.34	0.21	0.73	11.0	<5	79	1.02	0.22	2.13	0.76	43.9	12.3	11.7	1.10
E5578928 (5552443)	0.34	0.22	0.98	13.4	<5	84	0.89	0.36	1.21	0.38	28.6	19.4	12.7	2.28
E5578929 (5552444)	0.57	0.07	0.54	8.7	<5	51	0.55	0.25	3.19	0.27	28.9	11.2	7.2	0.96
E5578930 (5552445)	0.44	0.04	1.44	8.3	<5	103	0.38	0.28	0.07	0.12	28.6	8.0	19.9	1.72
E5578931 (5552446)	0.42	0.09	2.35	10.6	<5	252	0.86	0.26	0.56	0.26	33.4	22.7	36.2	1.64
E5578932 (5552447)	0.54	0.07	1.93	12.2	<5	164	0.94	0.30	0.45	0.26	30.8	17.4	25.4	1.88
E5578933 (5552448)	0.53	0.31	1.62	10.9	<5	63	0.94	0.35	0.49	0.24	47.3	27.0	25.4	2.71
E5578934 (5552449)	0.58	0.35	1.69	9.6	<5	73	0.86	0.38	0.44	0.27	48.9	36.8	27.5	4.90
E5578935 (5552450)	0.70	0.31	1.54	10.8	<5	66	0.79	0.37	0.49	0.22	54.5	37.2	23.9	3.56
E5578936 (5552451)	0.63	0.31	1.33	13.7	<5	60	0.68	0.37	0.55	0.24	54.7	19.9	22.3	1.92
E5578937 (5552452)	0.50	0.23	1.63	9.7	<5	57	0.83	0.36	0.57	0.18	62.9	19.5	23.0	2.38
E5578938 (5552453)	0.42	0.16	1.56	11.3	<5	80	0.78	0.41	0.33	0.21	51.7	23.2	23.1	2.39
E5578939 (5552454)	0.63	0.52	1.81	10.5	<5	77	1.12	0.44	0.53	0.28	65.5	46.5	27.1	4.77
E5578940 (5552455)	0.55	0.31	1.42	10.9	<5	43	0.80	0.35	0.53	0.21	55.9	14.7	20.9	1.26
E5578941 (5552456)	0.36	0.32	1.64	10.2	<5	64	0.82	0.34	0.61	0.26	46.7	14.5	22.9	1.43
E5578942 (5552457)	0.45	0.33	1.53	13.4	<5	69	0.82	0.33	0.77	0.22	45.4	15.7	22.4	1.73
E5578943 (5552458)	0.47	0.28	1.68	11.0	<5	68	0.83	0.40	0.45	0.41	55.7	44.9	23.3	2.93
E5578944 (5555733)	0.56	0.39	1.66	28.5	<5	54	1.02	0.51	0.68	0.18	61.5	28.3	22.4	2.62

Certified By:

*Y. Chen*



## Certificate of Analysis

AGAT WORK ORDER: 14Y861107

PROJECT NO: KTL-14514-YT

5623 McADAM ROAD  
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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Analyte:	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
RDL:	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	0.01
E5577127 (5552174)	86.7	9.24	3.25	0.34	0.30	0.16	0.051	0.09	15.5	12.8	0.60	3170	1.78	<0.01
E5577128 (5552175)	109	10.4	4.18	0.35	0.04	0.86	0.052	0.06	20.5	11.4	0.41	1050	4.59	0.01
E5577129 (5552176)	190	10.1	0.72	0.33	0.20	0.89	0.064	0.08	20.5	4.5	0.15	4290	5.87	<0.01
E5577130 (5552177)	320	12.1	3.38	0.35	0.14	1.07	0.086	0.08	11.5	18.5	0.52	4550	10.6	<0.01
E5577131 (5552178)	79.4	6.81	4.06	0.36	0.14	0.26	0.061	0.07	42.2	16.5	0.66	5360	2.09	<0.01
E5577132 (5552179)	65.3	4.73	5.11	0.29	0.06	0.02	0.034	0.07	15.1	21.6	0.81	2560	0.92	<0.01
E5577133 (5552180)	103	6.53	4.69	0.33	0.22	0.21	0.050	0.10	33.1	19.8	0.85	4080	2.08	<0.01
E5577134 (5552181)	87.0	5.23	5.77	0.29	0.09	0.05	0.038	0.13	25.2	23.1	0.97	2170	0.57	<0.01
E5577135 (5552182)	48.4	4.00	4.51	0.28	0.04	0.03	0.025	0.06	18.2	18.3	0.73	927	1.26	<0.01
E5577136 (5552183)	72.0	4.73	4.95	0.29	0.06	0.09	0.028	0.09	17.9	21.5	0.85	2690	1.17	<0.01
E5577137 (5552184)	58.7	4.70	4.30	0.30	<0.02	0.03	0.022	0.07	18.6	21.9	0.76	2070	1.29	<0.01
E5577138 (5552185)	37.3	4.45	5.26	0.30	<0.02	0.05	0.020	0.08	17.2	10.9	0.46	2380	1.05	<0.01
E5577139 (5552186)	56.6	3.97	4.89	0.29	0.02	0.06	0.024	0.06	18.6	20.5	0.72	1900	1.45	<0.01
E5577140 (5552187)	60.6	4.45	5.15	0.28	0.07	0.04	0.030	0.09	18.6	20.0	0.83	1350	1.29	<0.01
E5577141 (5552188)	70.0	4.90	5.07	0.29	0.03	0.04	0.026	0.09	20.5	21.7	0.92	2330	1.27	<0.01
E5577142 (5552189)	38.9	5.19	6.01	0.28	<0.02	0.09	0.026	0.10	12.7	13.0	0.37	1680	1.39	<0.01
E5577143 (5552190)	70.8	5.34	4.15	0.32	0.02	0.04	0.033	0.06	27.0	17.6	0.67	2910	2.27	<0.01
E5577144 (5552191)	44.5	4.94	3.93	0.29	0.12	0.13	0.048	0.06	30.6	12.3	0.54	2940	1.32	<0.01
E5577145 (5552192)	68.4	5.24	4.18	0.27	0.17	0.16	0.052	0.10	25.4	18.5	0.80	1600	1.09	<0.01
E5577146 (5552193)	72.6	5.66	3.58	0.30	0.14	0.12	0.044	0.11	28.5	15.6	0.74	3410	1.39	<0.01
E5577147 (5552194)	84.6	9.96	2.61	0.31	0.15	0.29	0.053	0.08	12.2	7.6	0.41	2100	5.57	<0.01
E5577148 (5552195)	112	6.24	5.78	0.29	0.20	0.09	0.053	0.10	14.5	21.9	1.07	1720	2.24	<0.01
E5577149 (5552196)	77.6	6.37	4.07	0.28	0.05	0.15	0.042	0.09	11.3	13.2	0.58	1390	2.39	<0.01
E5577150 (5552197)	4480	11.2	4.59	0.42	0.10	0.01	0.062	0.18	6.4	6.2	2.87	880	4.77	0.29
E5577151 (5552198)	91.6	6.71	4.03	0.33	0.04	0.10	0.038	0.08	18.1	13.2	0.58	1320	2.25	<0.01
E5577152 (5552199)	138	5.86	5.35	0.30	0.10	0.06	0.052	0.07	15.1	18.6	0.91	1410	3.09	<0.01
E5577153 (5552200)	140	6.37	5.80	0.32	0.08	0.05	0.051	0.06	22.8	23.2	1.25	1830	1.65	<0.01
E5577154 (5552201)	162	6.85	6.89	0.32	0.07	0.06	0.063	0.08	20.0	23.7	1.24	2560	1.44	<0.01
E5577155 (5552202)	144	6.59	6.03	0.33	0.06	0.08	0.052	0.06	20.8	20.8	1.13	1760	2.45	<0.01
E5577156 (5552203)	275	7.28	8.02	0.32	0.08	0.10	0.076	0.08	20.8	28.9	1.53	3070	1.68	<0.01
E5577157 (5552204)	158	6.86	6.09	0.33	0.10	0.10	0.049	0.08	24.5	23.8	1.34	1710	4.12	<0.01
E5577158 (5552205)	283	8.62	9.30	0.33	0.11	0.10	0.092	0.08	23.4	34.8	1.75	3360	1.41	<0.01

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 14Y861107

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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 09, 2014		DATE RECEIVED: Jul 08, 2014					DATE REPORTED: Jul 28, 2014					SAMPLE TYPE: Soil			
	Analyte:	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID)	RDL:	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	0.01
E5577159 (5552206)		193	7.61	7.00	0.33	0.10	0.06	0.056	0.10	25.3	28.1	1.66	2280	2.34	<0.01
E5578461 (5552207)		120	3.31	4.06	0.27	0.69	0.11	0.037	0.08	10.5	12.5	0.98	1020	0.70	<0.01
E5578462 (5552208)		121	5.83	2.92	0.27	0.15	0.53	0.050	0.10	10.9	7.5	0.64	770	0.98	<0.01
E5578463 (5552209)		119	6.93	6.94	0.29	0.05	0.10	0.067	0.07	12.8	24.9	1.11	2030	1.28	<0.01
E5578464 (5552210)		228	8.38	7.14	0.33	0.04	0.07	0.073	0.08	21.9	25.9	1.60	1450	1.15	<0.01
E5578465 (5552211)		214	7.06	7.75	0.31	0.08	0.10	0.068	0.06	23.0	23.3	1.50	2420	1.40	<0.01
E5578466 (5552212)		150	7.89	3.77	0.30	0.17	0.25	0.071	0.09	13.8	11.4	0.81	2390	2.24	<0.01
E5578467 (5552213)		92.4	5.86	4.69	0.27	0.09	0.11	0.049	0.07	12.0	17.9	1.07	979	1.52	<0.01
E5578468 (5552214)		150	5.78	6.12	0.28	0.06	0.25	0.070	0.08	13.3	17.5	1.03	1400	1.18	<0.01
E5578469 (5552215)		88.0	6.00	3.74	0.28	0.16	0.13	0.054	0.11	8.3	14.5	1.04	725	1.27	<0.01
E5578470 (5552216)		85.5	5.73	3.68	0.27	0.11	0.15	0.052	0.08	9.8	12.1	0.86	1040	2.18	<0.01
E5578471 (5552217)		105	5.19	5.06	0.34	0.06	0.13	0.040	0.12	11.3	26.9	0.81	3180	1.96	0.01
E5578475 (5552218)		53.1	3.09	4.77	0.30	0.22	0.02	0.019	0.12	4.8	7.2	0.85	554	5.74	0.11
E5578477 (5552219)		134	9.02	3.69	0.37	0.05	1.12	0.048	0.09	25.7	14.5	0.60	1410	3.24	<0.01
E5578478 (5552220)		81.6	4.98	4.93	0.32	0.06	0.12	0.042	0.08	15.3	17.6	0.75	768	2.18	<0.01
E5578479 (5552221)		128	5.68	7.38	0.33	0.02	0.05	0.054	0.08	16.0	26.5	1.09	1860	1.34	<0.01
E5578480 (5552222)		151	6.16	7.10	0.34	0.04	0.04	0.054	0.09	22.8	25.6	1.46	1560	2.38	<0.01
E5578481 (5552223)		107	4.80	5.79	0.33	<0.02	0.02	0.044	0.08	15.8	21.9	1.01	1160	1.55	<0.01
E5578482 (5552224)		108	4.55	5.79	0.32	<0.02	0.03	0.039	0.06	13.7	25.8	1.10	429	1.32	<0.01
E5578483 (5552225)		89.2	5.02	4.33	0.32	0.05	0.22	0.040	0.09	14.4	19.8	0.81	474	2.40	<0.01
E5578484 (5552226)		36.6	4.56	4.55	0.33	<0.02	0.04	0.028	0.07	13.9	20.2	0.58	840	1.19	<0.01
E5578485 (5552227)		27.9	3.74	4.91	0.29	<0.02	0.02	0.023	0.08	10.9	13.1	0.41	490	1.32	<0.01
E5578486 (5552228)		51.5	4.25	4.39	0.32	<0.02	0.07	0.030	0.08	12.0	10.2	0.35	700	2.43	<0.01
E5578487 (5552230)		78.1	5.10	3.25	0.34	<0.02	0.15	0.026	0.08	21.3	17.7	0.57	792	1.94	<0.01
E5578488 (5552231)		53.3	5.15	4.37	0.33	0.11	0.05	0.043	0.11	9.5	21.6	0.55	3590	1.44	<0.01
E5578489 (5552232)		96.7	7.07	5.01	0.34	0.03	0.05	0.038	0.11	11.2	26.9	0.69	2320	3.89	<0.01
E5578490 (5552233)		94.2	5.36	4.61	0.34	<0.02	0.07	0.035	0.08	15.4	24.8	0.88	1210	1.44	<0.01
E5578491 (5552234)		34.9	2.81	4.97	0.31	<0.02	0.04	0.027	0.06	11.5	9.5	0.29	422	1.64	<0.01
E5578492 (5552235)		76.8	5.07	5.26	0.32	<0.02	0.06	0.043	0.07	13.4	26.4	0.85	811	1.38	<0.01
E5578493 (5552236)		60.7	5.10	6.04	0.33	0.02	0.05	0.038	0.06	12.4	17.3	0.54	1010	1.50	<0.01
E5578494 (5552237)		79.3	4.58	4.66	0.32	0.10	0.07	0.033	0.09	13.5	25.9	0.80	1010	1.48	<0.01
E5578495 (5552238)		53.6	4.29	4.44	0.32	0.03	0.03	0.025	0.10	13.2	25.8	0.61	988	1.34	<0.01

Certified By:

*Y. Chen*



## Certificate of Analysis

AGAT WORK ORDER: 14Y861107

PROJECT NO: KTL-14514-YT

5623 McADAM ROAD  
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<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 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Analyte:	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
RDL:	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	0.01
Sample ID (AGAT ID)														
E5578496 (5552239)	52.4	4.44	4.28	0.33	<0.02	0.04	0.024	0.08	16.5	27.7	0.61	587	1.00	<0.01
E5577460 (5552240)	66.7	5.72	2.99	0.33	0.11	0.10	0.069	0.09	12.9	14.7	1.69	1610	1.76	<0.01
E5577461 (5552241)	127	6.09	4.48	0.38	0.14	0.12	0.044	0.09	21.7	17.9	1.76	3110	2.17	<0.01
E5577462 (5552242)	208	5.79	8.16	0.33	0.03	0.08	0.036	0.06	15.2	28.5	2.10	3480	1.63	<0.01
E5577463 (5552243)	162	5.52	8.50	0.32	0.04	0.08	0.042	0.06	15.3	27.2	1.84	3290	1.75	<0.01
E5577464 (5552244)	264	6.18	9.04	0.36	0.14	0.18	0.044	0.06	28.4	29.5	2.33	5420	1.85	<0.01
E5577465 (5552245)	113	5.29	8.45	0.33	0.12	0.05	0.044	0.06	15.1	25.8	1.60	3430	1.58	<0.01
E5577466 (5552246)	172	5.53	9.11	0.33	0.09	0.06	0.045	0.06	21.8	27.7	2.04	3680	1.56	<0.01
E5577467 (5552247)	300	5.93	9.97	0.35	0.07	0.10	0.051	0.06	24.0	31.3	2.51	4400	1.89	0.01
E5577468 (5552248)	302	6.94	11.6	0.37	0.07	0.15	0.054	0.06	34.2	39.1	2.99	6520	1.89	<0.01
E5577469 (5552249)	200	6.07	9.48	0.34	0.10	0.11	0.041	0.05	25.6	35.0	2.43	3930	1.50	<0.01
E5577470 (5552250)	207	6.49	9.78	0.33	0.09	0.08	0.042	0.08	25.3	36.3	2.56	3390	1.39	<0.01
E5577471 (5552251)	198	6.86	8.21	0.35	0.11	0.08	0.045	0.09	23.9	33.8	2.15	2990	1.52	<0.01
E5577472 (5552252)	109	6.15	5.06	0.34	0.12	0.12	0.037	0.10	23.4	23.2	1.19	1380	4.20	<0.01
E5577473 (5552253)	186	8.39	5.87	0.36	0.22	0.20	0.076	0.07	22.1	25.2	1.40	3340	5.94	<0.01
E5577474 (5552254)	87.4	8.14	1.24	0.33	0.06	0.94	0.038	0.12	7.8	4.6	0.58	1370	0.83	<0.01
E5577475 (5552255)	51.1	3.07	4.52	0.27	0.24	0.02	0.019	0.12	4.7	7.7	0.83	541	5.76	0.11
E5577476 (5552256)	69.1	8.25	2.54	0.35	0.17	0.16	0.085	0.08	15.4	8.0	0.65	2190	1.68	<0.01
E5577477 (5552257)	583	9.06	10.9	0.38	0.08	0.12	0.068	0.08	27.3	39.9	2.62	5020	2.22	<0.01
E5577478 (5552259)	251	6.13	8.34	0.33	0.09	0.12	0.040	0.07	24.1	33.9	2.24	3010	1.50	<0.01
E5577479 (5552260)	225	6.30	7.97	0.33	0.09	0.12	0.038	0.10	16.8	32.9	2.10	2860	1.53	<0.01
E5577480 (5552261)	128	8.39	3.61	0.36	0.09	0.27	0.039	0.10	28.3	13.7	0.66	1460	0.99	<0.01
E5577481 (5552262)	180	9.08	3.22	0.34	0.08	0.32	0.059	0.11	16.0	15.0	0.57	1510	0.80	<0.01
E5577482 (5552263)	46.9	9.69	2.01	0.35	0.13	0.49	0.083	0.06	15.7	4.9	0.56	1980	1.00	<0.01
E5577483 (5552264)	283	6.04	9.11	0.30	0.05	0.21	0.043	0.05	22.8	35.8	2.55	2560	0.75	<0.01
E5577484 (5552265)	40.0	4.82	3.29	0.27	0.18	0.07	0.046	0.09	13.2	16.0	3.42	2610	0.96	<0.01
E5577485 (5552266)	32.4	4.40	3.01	0.32	0.10	0.09	0.036	0.05	16.7	13.3	0.68	1270	1.53	<0.01
E5577486 (5552267)	176	4.89	6.63	0.31	0.03	0.06	0.038	0.06	14.5	24.3	1.32	7100	2.62	<0.01
E5577487 (5552268)	45.7	5.92	3.23	0.35	0.06	0.09	0.064	0.06	26.7	12.5	0.88	2240	1.02	<0.01
E5577488 (5552269)	33.7	4.13	3.08	0.31	0.09	0.06	0.043	0.06	14.2	15.6	1.59	1470	0.91	<0.01
E5577489 (5552270)	266	8.36	9.55	0.34	<0.02	0.41	0.044	0.08	16.1	29.9	1.84	4250	1.62	<0.01
E5577490 (5552271)	77.8	5.21	8.60	0.31	<0.02	0.06	0.041	0.06	12.1	18.4	0.94	2030	1.90	<0.01

Certified By:

*Y. Chen*



# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y861107

PROJECT NO: KTL-14514-YT

5623 McADAM ROAD  
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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 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Analyte:	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
RDL:	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	0.01
E5577491 (5552273)	131	5.04	7.18	0.33	0.06	0.09	0.051	0.08	13.3	23.7	1.17	4170	1.66	<0.01
E5577492 (5552274)	66.7	5.57	3.21	0.32	0.12	0.18	0.046	0.08	14.3	14.1	1.04	1150	1.30	<0.01
E5577493 (5552275)	53.8	4.78	2.31	0.33	0.07	0.07	0.047	0.08	12.6	9.6	1.26	1250	1.22	<0.01
E5577494 (5552276)	68.5	6.24	2.33	0.35	0.05	0.30	0.053	0.07	23.8	7.3	1.54	2140	1.06	<0.01
E5272179 (5552277)	169	6.08	9.62	0.34	0.05	0.13	0.045	0.06	28.7	30.6	2.09	4110	1.83	<0.01
E5272180 (5552278)	176	5.67	9.20	0.31	0.05	0.06	0.039	0.05	18.1	31.4	2.18	1840	1.41	<0.01
E5272181 (5552280)	215	6.81	10.8	0.34	0.04	0.08	0.041	0.06	24.7	38.9	2.79	2610	1.34	<0.01
E5272182 (5552281)	212	7.11	10.1	0.37	0.05	0.06	0.040	0.06	27.0	38.6	2.67	2340	1.32	<0.01
E5272183 (5552282)	189	6.98	9.56	0.35	0.06	0.07	0.042	0.07	27.5	36.2	2.32	1940	1.30	<0.01
E5272184 (5552283)	121	6.27	6.17	0.35	0.07	0.13	0.041	0.07	26.7	26.3	1.48	1400	1.92	<0.01
E5272185 (5552284)	141	6.22	6.67	0.34	0.09	0.11	0.036	0.06	24.8	27.5	1.69	1560	1.66	<0.01
E5272186 (5552285)	133	6.37	5.49	0.32	0.20	0.14	0.045	0.07	16.7	21.6	1.48	1540	1.30	<0.01
E5272187 (5552286)	155	4.46	6.08	0.30	0.18	0.12	0.041	0.08	15.9	20.4	1.18	2000	1.99	<0.01
E5272188 (5552287)	133	5.58	6.77	0.31	0.06	0.16	0.038	0.07	15.4	25.1	2.40	1460	0.99	<0.01
E5272189 (5552288)	58.0	4.77	2.09	0.33	0.07	0.15	0.043	0.08	14.8	8.5	1.35	1160	8.63	<0.01
E5272190 (5552289)	131	5.59	5.34	0.31	0.12	0.15	0.050	0.08	16.6	21.6	1.25	2080	1.63	<0.01
E5272191 (5552290)	357	5.46	8.15	0.33	0.07	0.32	0.047	0.05	29.0	28.1	1.86	4610	2.04	<0.01
E5272192 (5552291)	165	5.38	7.30	0.31	0.06	0.04	0.040	0.07	16.8	26.4	1.65	2140	1.48	<0.01
E5272193 (5552292)	53.5	3.48	4.22	0.26	0.14	0.09	0.031	0.07	12.9	14.8	0.70	479	1.37	<0.01
E5272194 (5552293)	56.7	4.23	5.73	0.27	0.06	0.05	0.039	0.06	13.0	17.1	0.76	668	1.27	<0.01
E5272195 (5552294)	109	4.42	4.43	0.29	0.11	0.12	0.046	0.08	13.6	14.2	0.89	1140	1.38	<0.01
E5272196 (5552295)	65.2	4.59	4.74	0.27	0.11	0.04	0.039	0.07	10.6	17.2	1.10	386	1.05	<0.01
E5272197 (5552296)	53.9	4.08	2.03	0.32	0.06	0.18	0.036	0.06	12.2	7.8	1.37	462	0.80	<0.01
E5272198 (5552297)	68.1	4.55	2.50	0.33	0.03	0.15	0.039	0.08	13.4	9.9	2.07	1110	0.94	<0.01
E5272199 (5552298)	73.4	5.41	3.40	0.31	0.07	0.23	0.047	0.07	14.0	11.4	0.64	794	1.04	<0.01
E5272200 (5552299)	4110	13.2	2.25	0.70	0.06	0.03	0.135	<0.01	1.0	0.8	12.0	663	1.35	0.03
E5272201 (5552300)	103	6.18	5.13	0.34	0.09	0.21	0.060	0.07	17.3	17.9	0.97	613	0.92	<0.01
E5272202 (5552301)	66.2	7.03	2.45	0.30	0.08	0.16	0.086	0.07	11.7	13.7	2.57	2510	0.81	<0.01
E5272203 (5552302)	50.7	9.18	1.66	0.34	0.09	0.19	0.122	0.06	14.2	7.1	2.30	4160	1.43	<0.01
E5272204 (5552303)	71.9	5.18	3.80	0.29	0.16	0.13	0.051	0.08	9.7	14.2	0.83	900	1.37	<0.01
E5272205 (5552304)	65.9	5.32	3.78	0.28	0.12	0.10	0.055	0.07	12.5	14.5	0.76	1130	1.17	<0.01
E5272206 (5552305)	88.4	5.76	3.63	0.33	0.08	0.21	0.040	0.07	15.5	16.5	0.81	1280	2.17	<0.01

Certified By:

*Y. Chen*



## Certificate of Analysis

AGAT WORK ORDER: 14Y861107

PROJECT NO: KTL-14514-YT

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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Analyte:	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
RDL:	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	0.01
E5272207 (5552306)	110	3.98	3.56	0.20	0.23	0.11	0.032	0.11	11.4	16.7	0.92	1570	1.56	<0.01
E5272208 (5552307)	140	4.99	6.06	0.27	0.16	0.27	0.049	0.07	15.3	26.1	1.37	249	0.86	<0.01
E5272209 (5552308)	110	5.40	4.80	0.29	0.11	0.17	0.058	0.07	15.0	17.6	0.90	510	1.19	<0.01
E5272092 (5552310)	81.5	4.88	7.18	0.29	0.06	0.05	0.033	0.07	11.9	21.3	1.07	1630	1.32	<0.01
E5272093 (5552311)	104	4.10	6.66	0.29	0.03	0.03	0.036	0.04	13.3	23.0	1.21	705	1.37	<0.01
E5272094 (5552312)	107	4.66	6.32	0.29	0.09	0.07	0.047	0.06	15.0	20.6	1.23	1600	1.41	<0.01
E5272095 (5552313)	84.5	4.64	6.76	0.28	0.03	0.04	0.036	0.05	12.3	25.8	1.43	1110	1.34	<0.01
E5272096 (5552315)	160	5.42	7.51	0.30	0.04	0.05	0.032	0.06	16.4	29.8	1.92	2060	1.25	<0.01
E5272097 (5552316)	163	5.41	8.10	0.30	0.08	0.07	0.038	0.06	15.5	30.8	1.97	1850	1.35	<0.01
E5272098 (5552317)	126	5.10	8.16	0.28	0.09	0.10	0.043	0.07	12.7	26.4	1.58	2640	1.42	<0.01
E5272099 (5552318)	387	7.05	6.68	0.33	0.04	0.13	0.042	0.05	15.3	25.2	1.52	6110	2.61	<0.01
E5272100 (5552319)	3990	12.5	2.15	0.71	0.07	0.02	0.138	<0.01	1.1	0.8	11.1	616	1.29	0.04
E5272102 (5552320)	48.0	5.07	2.35	0.31	0.20	0.08	0.054	0.07	11.0	14.2	1.40	1200	3.19	<0.01
E5272102 (5552321)	65.6	7.06	5.26	0.32	0.39	0.08	0.080	0.08	26.2	22.4	1.08	2260	1.31	<0.01
E5272103 (5552322)	57.6	5.52	3.15	0.27	0.20	0.09	0.064	0.06	12.0	17.1	3.55	3150	0.96	<0.01
E5272104 (5552324)	158	5.58	6.06	0.31	0.13	0.11	0.055	0.08	15.5	23.6	1.05	3160	1.73	<0.01
E5272105 (5552325)	307	5.94	8.71	0.33	0.07	0.11	0.038	0.07	17.3	38.5	2.32	6800	2.39	<0.01
E5272106 (5552326)	95.5	5.51	2.25	0.29	0.17	0.18	0.049	0.08	9.6	12.2	0.94	1260	1.69	<0.01
E5272107 (5552327)	365	7.07	9.60	0.37	0.13	0.17	0.090	0.07	37.5	34.4	1.68	5670	1.93	<0.01
E5272108 (5552328)	327	6.38	9.69	0.32	0.08	0.10	0.056	0.06	18.0	34.1	2.15	4590	1.51	<0.01
E5272109 (5552329)	160	5.95	8.64	0.31	0.05	0.05	0.040	0.06	23.8	31.3	1.88	2520	1.30	<0.01
E5577160 (5552330)	184	4.78	6.58	0.29	0.03	0.08	0.038	0.06	14.2	22.4	1.19	2400	1.75	<0.01
E5577161 (5552331)	93.2	5.42	3.36	0.28	0.19	0.14	0.059	0.07	11.9	12.1	0.64	1820	1.84	<0.01
E5577162 (5552333)	167	4.89	6.58	0.28	0.10	0.14	0.064	0.06	15.8	23.5	1.02	3150	1.79	<0.01
E5577163 (5552334)	145	6.15	9.13	0.31	0.06	0.07	0.058	0.07	24.1	31.6	1.80	2420	1.45	<0.01
E5577164 (5552335)	69.9	6.18	5.07	0.29	0.09	0.07	0.058	0.07	11.4	16.5	0.77	2240	1.25	<0.01
E5577165 (5552336)	111	6.16	4.75	0.31	0.15	0.12	0.058	0.09	14.6	17.9	0.93	2000	1.26	<0.01
E5577166 (5552337)	95.1	5.29	4.86	0.29	0.17	0.11	0.043	0.08	16.2	23.5	0.98	1730	1.28	<0.01
E5577167 (5552338)	135	4.63	5.90	0.27	0.08	0.10	0.036	0.07	12.3	22.8	1.18	2320	1.40	<0.01
E5577168 (5552339)	136	5.20	5.30	0.27	0.14	0.37	0.038	0.06	13.7	20.9	1.08	2150	1.41	<0.01
E5577169 (5552340)	90.5	5.05	4.61	0.28	0.09	0.13	0.040	0.07	13.4	14.7	0.79	729	0.73	<0.01
E5577170 (5552341)	48.3	3.69	4.83	0.26	0.02	0.03	0.033	0.05	11.0	15.2	0.63	351	0.92	<0.01

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 14Y861107

PROJECT NO: KTL-14514-YT

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Analyte:	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
RDL:	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	0.01
Sample ID (AGAT ID)														
E5577171 (5552342)	55.2	4.36	5.54	0.27	0.08	0.15	0.029	0.06	8.6	50.8	0.69	3240	1.57	<0.01
E5577172 (5552343)	52.9	4.95	5.35	0.28	0.03	0.04	0.022	0.05	9.1	55.4	0.80	678	0.98	<0.01
E5577173 (5552344)	26.6	3.13	3.62	0.25	0.10	0.02	0.033	0.04	9.0	44.3	0.79	685	0.94	<0.01
E5577174 (5552345)	26.3	2.88	4.80	0.26	0.09	0.03	0.030	0.05	25.0	38.0	1.18	516	1.00	<0.01
E5577175 (5552346)	47.1	2.93	4.56	0.26	0.23	0.02	0.018	0.10	4.9	7.7	0.75	517	5.82	0.08
E5577176 (5552347)	32.0	2.82	5.14	0.28	0.21	0.03	0.030	0.07	29.5	36.5	1.76	483	1.09	<0.01
E5577177 (5552349)	34.6	2.76	5.48	0.29	0.23	0.04	0.035	0.06	31.2	39.7	1.85	440	1.24	<0.01
E5577178 (5552350)	33.9	2.84	5.25	0.27	0.19	0.05	0.039	0.08	31.1	36.5	1.78	655	0.68	<0.01
E5577179 (5552351)	28.7	2.58	5.15	0.27	0.25	0.04	0.029	0.08	33.5	34.3	1.64	483	0.69	<0.01
E5269757 (5552352)	279	6.43	10.6	0.37	0.08	0.15	0.050	0.05	38.1	38.7	2.66	6020	1.68	<0.01
E5269758 (5552353)	341	7.14	12.2	0.38	0.08	0.13	0.062	0.06	34.4	45.0	3.02	7570	1.93	<0.01
E5269759 (5552354)	180	6.60	6.97	0.31	0.03	0.09	0.049	0.07	13.2	20.0	1.23	2850	1.52	<0.01
E5272060 (5552355)	152	5.55	7.43	0.29	0.04	0.09	0.044	0.06	14.5	21.7	1.31	3900	1.59	<0.01
E5272061 (5552356)	192	7.31	5.88	0.32	0.08	0.12	0.054	0.06	18.5	18.3	1.08	3540	1.57	<0.01
E5272062 (5552357)	97.4	6.05	3.85	0.32	0.08	0.12	0.051	0.05	17.3	13.6	1.03	1950	2.31	<0.01
E5272063 (5552359)	90.9	5.58	3.76	0.29	0.30	0.12	0.044	0.06	13.5	11.2	0.64	1310	2.76	<0.01
E5272064 (5552360)	72.5	5.90	3.42	0.29	0.25	0.07	0.045	0.07	13.4	9.7	0.60	1000	2.16	<0.01
E5272065 (5552361)	114	6.16	4.13	0.32	0.15	0.05	0.053	0.07	27.8	12.6	0.75	1460	4.76	<0.01
E5272066 (5552362)	49.2	4.43	5.96	0.27	0.04	0.04	0.033	0.05	11.3	15.3	0.55	599	1.78	<0.01
E5272067 (5552363)	138	5.06	7.00	0.28	0.03	0.05	0.039	0.05	13.9	23.2	1.21	1570	1.64	<0.01
E5272068 (5552364)	88.4	5.38	2.97	0.28	0.07	0.04	0.050	0.04	13.2	7.2	0.35	796	3.17	<0.01
E5272069 (5552365)	45.9	4.31	5.32	0.25	0.12	0.06	0.038	0.05	12.1	15.9	0.81	1080	1.57	<0.01
E5272070 (5552366)	123	5.09	7.35	0.27	0.04	0.10	0.040	0.04	13.9	21.8	1.16	1250	1.71	<0.01
E5272071 (5552367)	222	6.79	7.45	0.34	0.07	0.72	0.059	0.04	32.1	22.9	1.60	3540	1.71	<0.01
E5272072 (5552368)	331	6.43	10.1	0.33	0.10	0.19	0.062	0.06	34.6	34.3	2.20	4180	1.59	<0.01
E5272073 (5552369)	96.1	4.62	6.62	0.28	0.04	0.08	0.037	0.04	9.8	14.8	0.97	1140	1.24	<0.01
E5272074 (5552370)	236	6.67	9.63	0.32	0.05	0.20	0.045	0.06	25.3	32.9	2.28	3910	1.58	<0.01
E5272075 (5552371)	49.4	2.92	4.36	0.26	0.22	0.02	0.017	0.10	4.6	7.7	0.77	521	5.91	0.08
E5272076 (5552372)	210	6.20	10.0	0.29	0.11	0.09	0.042	0.04	25.3	34.9	2.32	2610	1.70	<0.01
E5272077 (5552373)	229	4.90	7.63	0.27	0.15	0.18	0.043	0.06	24.7	25.4	1.64	2510	1.50	<0.01
E5272078 (5552374)	183	6.73	7.99	0.33	0.06	0.15	0.041	0.06	28.5	29.9	1.88	2020	1.56	<0.01
E5272079 (5552375)	124	5.27	7.35	0.28	0.06	0.14	0.054	0.05	15.5	18.6	1.16	2350	1.85	<0.01

Certified By:

*Y. Chen*





# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y861107

PROJECT NO: KTL-14514-YT

5623 McADAM ROAD  
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<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 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Analyte:	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
RDL:	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	0.01
Sample ID (AGAT ID)														
E5272080 (5552376)	104	12.0	3.71	0.41	0.06	0.11	0.141	0.02	61.4	11.3	0.61	6230	10.3	<0.01
E5272081 (5552377)	171	7.50	6.65	0.33	0.13	0.23	0.062	0.07	26.4	25.3	1.50	1690	1.85	<0.01
E5272082 (5552378)	103	4.47	4.60	0.26	0.32	0.10	0.051	0.08	10.1	19.5	0.85	984	1.22	<0.01
E5272083 (5552379)	71.3	4.85	2.72	0.26	0.24	0.11	0.041	0.06	9.8	10.8	0.54	1350	1.48	<0.01
E5272084 (5552380)	82.3	4.59	5.58	0.28	<0.02	0.08	0.039	0.06	12.6	18.6	0.85	1680	1.43	<0.01
E5272085 (5552381)	136	6.05	5.09	0.30	0.28	0.14	0.053	0.08	14.4	23.4	0.96	1760	1.58	<0.01
E5272086 (5552382)	80.4	4.20	3.28	0.25	0.20	0.14	0.048	0.07	9.5	11.7	0.66	939	1.34	<0.01
E5272087 (5552383)	114	5.37	5.75	0.30	0.11	0.07	0.038	0.07	15.7	23.9	1.47	1460	1.20	<0.01
E5272088 (5552384)	97.3	5.34	4.74	0.27	0.15	0.14	0.040	0.06	12.3	21.4	1.02	897	1.54	<0.01
E5272089 (5552385)	164	6.75	5.16	0.29	0.20	0.27	0.049	0.07	11.9	23.1	1.14	1740	4.98	<0.01
E5272090 (5552386)	145	5.07	4.11	0.26	0.17	0.12	0.046	0.07	10.1	16.1	0.76	1190	1.65	<0.01
E5272091 (5552387)	105	6.37	4.30	0.28	0.23	0.14	0.048	0.06	11.0	22.2	1.43	2490	2.92	<0.01
E5578210 (5552388)	60.4	5.07	6.97	0.26	0.02	0.05	0.065	0.04	13.2	23.2	0.74	1610	1.83	<0.01
E5578211 (5552389)	44.3	9.20	4.62	0.30	0.11	0.22	0.097	0.04	15.1	10.0	0.39	3260	2.04	<0.01
E5578212 (5552390)	40.9	4.42	6.18	0.25	<0.02	0.03	0.038	0.06	10.5	21.7	0.51	694	1.52	<0.01
E5578213 (5552391)	93.0	4.68	5.06	0.25	0.11	0.07	0.050	0.06	12.9	17.4	0.83	1500	1.36	<0.01
E5578214 (5552392)	68.3	4.27	5.23	0.25	0.10	0.09	0.041	0.07	13.6	16.5	0.76	1020	1.36	<0.01
E5578215 (5552393)	64.3	4.65	2.21	0.28	0.19	0.08	0.061	0.07	12.4	12.0	1.74	1300	1.30	<0.01
E5578216 (5552394)	41.9	3.30	1.43	0.24	0.08	0.09	0.047	0.06	13.0	9.0	3.75	1370	0.82	<0.01
E5578217 (5552395)	38.2	3.59	1.30	0.27	0.07	0.10	0.048	0.05	10.2	7.5	2.81	1350	2.13	<0.01
E5578218 (5552396)	36.3	4.51	1.07	0.25	0.11	0.08	0.062	0.05	10.5	5.1	3.66	2390	0.75	<0.01
E5578219 (5552397)	40.1	4.78	2.02	0.30	0.15	0.08	0.065	0.07	13.0	10.0	0.49	1230	1.46	<0.01
E5578220 (5552398)	229	5.66	6.05	0.46	0.46	0.13	0.099	0.07	18.5	27.2	1.18	2360	1.86	<0.01
E5578221 (5552399)	93.8	4.27	4.04	0.44	0.27	0.08	0.044	0.08	13.4	20.6	0.79	1320	1.05	<0.01
E5578222 (5552400)	105	4.79	3.99	0.43	0.27	0.13	0.052	0.07	13.2	17.2	0.90	1450	1.44	<0.01
E5578223 (5552401)	125	4.56	4.98	0.42	0.20	0.08	0.040	0.05	15.3	19.2	0.98	1140	1.61	<0.01
E5578224 (5552402)	79.1	4.29	3.58	0.42	0.23	0.06	0.039	0.06	13.2	14.0	0.68	625	1.06	<0.01
E5578225 (5552404)	81.0	4.15	3.64	0.42	0.30	0.06	0.043	0.06	12.3	14.2	0.68	607	1.06	<0.01
E5578226 (5552405)	71.4	4.35	3.27	0.38	0.24	0.09	0.046	0.06	9.1	12.2	0.58	809	0.99	<0.01
E5578227 (5552406)	85.3	4.39	3.26	0.43	0.11	0.10	0.042	0.06	13.3	14.8	1.31	1140	1.07	<0.01
E5578228 (5552407)	114	4.70	4.97	0.35	0.22	0.08	0.052	0.07	11.8	16.0	0.76	1420	1.61	<0.01
E5578229 (5552408)	94.7	5.91	3.21	0.40	0.18	0.22	0.069	0.05	11.5	12.9	0.67	2090	1.43	<0.01

Certified By:

*Y. Chen*



## Certificate of Analysis

AGAT WORK ORDER: 14Y861107

PROJECT NO: KTL-14514-YT

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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Analyte:	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
RDL:	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	0.01
Sample ID (AGAT ID)														
E5578230 (5552409)	168	5.68	5.14	0.41	0.25	0.19	0.067	0.07	13.0	16.8	0.94	2130	1.47	<0.01
E5578231 (5552410)	77.3	6.73	2.92	0.46	0.14	0.19	0.075	0.06	12.6	7.9	0.51	1230	1.12	<0.01
E5578232 (5552411)	80.3	5.68	3.66	0.44	0.23	0.06	0.076	0.07	12.7	15.8	1.25	1420	1.39	<0.01
E5578233 (5552412)	106	5.15	4.01	0.40	0.19	0.11	0.064	0.07	13.1	15.6	0.81	1430	1.41	<0.01
E5578234 (5552414)	92.8	6.39	3.93	0.39	0.17	0.13	0.078	0.07	13.3	15.3	1.03	2080	1.36	<0.01
E5578235 (5552416)	99.9	5.51	4.53	0.38	0.18	0.17	0.062	0.07	11.9	15.4	0.75	1410	1.85	<0.01
E5578236 (5552417)	154	6.20	6.76	0.44	0.07	0.07	0.052	0.07	14.5	19.8	1.07	1400	1.15	<0.01
E5578237 (5552418)	69.9	4.36	4.94	0.42	0.09	0.09	0.047	0.05	14.6	16.5	0.75	568	1.13	<0.01
E5578238 (5552419)	72.8	5.73	3.07	0.42	0.09	0.11	0.052	0.06	15.7	8.4	0.57	704	1.31	<0.01
E5578239 (5552421)	47.8	3.98	5.60	0.37	0.04	0.09	0.043	0.05	10.2	12.2	0.46	1120	2.12	<0.01
E5578240 (5552422)	91.8	4.48	4.93	0.33	0.17	0.19	0.046	0.07	12.0	17.9	0.84	1040	1.72	<0.01
E5578241 (5552423)	46.8	3.72	6.01	0.35	0.05	0.07	0.038	0.06	9.7	16.7	0.56	1030	2.01	<0.01
E5578242 (5552424)	134	5.53	5.52	0.41	0.16	0.23	0.054	0.06	14.0	22.1	1.19	1920	2.04	<0.01
E5578910 (5552425)	125	5.97	4.12	0.33	0.28	0.28	0.068	0.08	15.1	16.4	0.87	1100	1.61	<0.01
E5578911 (5552426)	102	5.34	3.70	0.41	0.20	0.23	0.059	0.06	12.9	13.2	0.70	569	1.31	<0.01
E5578912 (5552427)	114	5.77	6.45	0.41	0.09	0.08	0.050	0.05	13.2	19.2	0.96	710	0.74	<0.01
E5578913 (5552428)	109	5.83	5.21	0.39	0.15	0.19	0.057	0.06	13.4	15.8	0.89	803	0.74	<0.01
E5578914 (5552429)	83.0	4.73	4.27	0.38	0.20	0.07	0.051	0.06	11.8	18.4	0.73	811	1.00	<0.01
E5578915 (5552430)	86.2	5.01	3.91	0.38	0.22	0.10	0.060	0.07	11.2	16.7	0.71	1060	1.14	<0.01
E5578916 (5552431)	50.5	6.19	3.78	0.40	0.27	0.06	0.074	0.07	14.9	17.9	0.96	1200	0.89	<0.01
E5578917 (5552432)	110	5.44	4.40	0.38	0.24	0.15	0.062	0.06	10.9	16.2	0.71	1180	1.33	<0.01
E5578918 (5552433)	148	6.08	6.69	0.42	0.08	0.06	0.049	0.05	14.7	22.0	1.14	867	1.07	<0.01
E5578919 (5552434)	80.4	4.30	4.92	0.34	0.71	0.09	0.052	0.06	11.8	14.3	0.67	1050	1.48	<0.01
E5578920 (5552435)	131	5.87	6.44	0.43	0.16	0.11	0.047	0.06	22.6	20.3	1.20	1290	1.03	<0.01
E5578921 (5552436)	102	5.15	5.97	0.39	0.12	0.08	0.045	0.06	14.6	22.2	1.02	799	0.96	<0.01
E5578922 (5552437)	110	5.06	5.49	0.40	0.18	0.15	0.059	0.05	17.2	17.3	0.83	1150	1.51	<0.01
E5578923 (5552438)	101	5.50	4.38	0.35	0.46	0.13	0.084	0.08	11.9	18.3	0.81	1430	1.66	<0.01
E5578924 (5552439)	35.3	4.28	2.92	0.38	0.19	0.11	0.051	0.04	11.2	9.7	0.41	697	1.38	<0.01
E5578925 (5552440)	33.5	4.22	2.84	0.38	0.20	0.11	0.053	0.04	11.0	9.6	0.39	684	1.41	<0.01
E5578926 (5552441)	41.7	7.09	2.70	0.40	0.23	0.14	0.127	0.04	15.8	11.6	0.64	2970	1.04	<0.01
E5578927 (5552442)	20.5	5.05	1.37	0.39	0.16	0.14	0.078	0.03	14.2	4.5	1.04	1600	0.75	<0.01
E5578928 (5552443)	62.4	4.54	2.58	0.40	0.23	0.06	0.067	0.06	10.6	13.3	0.98	1160	1.20	<0.01

Certified By:



**AGAT** Laboratories

# Certificate of Analysis

AGAT WORK ORDER: 14Y861107

PROJECT NO: KTL-14514-YT

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

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Analyte:	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
RDL:	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	0.01
Sample ID (AGAT ID)														
E5578929 (5552444)	27.9	2.97	1.43	0.40	0.44	0.06	0.042	0.04	9.7	8.7	1.90	910	0.65	<0.01
E5578930 (5552445)	29.7	3.46	5.59	0.41	0.16	0.02	0.042	0.04	10.3	9.9	0.33	433	1.14	<0.01
E5578931 (5552446)	110	5.49	7.14	0.41	0.17	0.06	0.048	0.08	12.6	22.9	1.25	798	0.95	<0.01
E5578932 (5552447)	64.3	5.24	5.63	0.40	0.19	0.06	0.058	0.05	11.3	17.6	0.79	800	1.11	<0.01
E5578933 (5552448)	44.7	4.18	4.82	0.41	0.31	0.05	0.037	0.05	23.8	47.6	0.58	1190	1.39	<0.01
E5578934 (5552449)	46.4	4.27	4.87	0.42	0.18	0.03	0.037	0.06	24.0	51.8	0.69	1200	1.05	<0.01
E5578935 (5552450)	43.1	4.17	4.37	0.42	0.20	0.05	0.036	0.04	25.9	46.2	0.60	1150	1.06	<0.01
E5578936 (5552451)	40.2	4.40	2.94	0.36	0.08	0.04	0.040	0.07	26.2	31.9	0.45	848	1.03	<0.01
E5578937 (5552452)	41.1	4.04	4.67	0.43	0.27	0.04	0.039	0.06	31.5	44.6	0.56	780	0.90	<0.01
E5578938 (5552453)	32.5	4.20	4.77	0.43	0.15	0.02	0.042	0.06	23.1	32.5	0.36	1080	1.08	<0.01
E5578939 (5552454)	53.5	4.77	5.23	0.44	0.25	0.05	0.051	0.09	32.1	47.4	0.61	1400	0.87	<0.01
E5578940 (5552455)	38.5	4.01	4.08	0.44	0.25	0.02	0.045	0.07	29.3	36.5	0.49	381	0.87	<0.01
E5578941 (5552456)	36.7	4.08	4.36	0.42	0.31	0.02	0.043	0.11	24.5	36.2	0.50	508	0.78	<0.01
E5578942 (5552457)	36.6	4.01	4.27	0.42	0.24	0.05	0.040	0.07	17.1	31.6	0.42	753	1.19	<0.01
E5578943 (5552458)	41.3	4.19	4.80	0.43	0.29	0.08	0.040	0.11	25.6	38.5	0.46	2270	1.17	<0.01
E5578944 (5555733)	56.4	5.58	4.38	0.45	0.27	0.06	0.047	0.07	30.2	36.7	0.50	1480	1.17	<0.01

Certified By:

*Y. Chen*



## Certificate of Analysis

AGAT WORK ORDER: 14Y861107

PROJECT NO: KTL-14514-YT

5623 McADAM ROAD  
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<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 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Analyte:	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	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	0.01
Sample ID (AGAT ID)														
E5577127 (5552174)	0.29	75.9	1500	41.6	4.9	0.003	0.071	0.96	10.3	1.8	0.2	13.1	0.01	0.18
E5577128 (5552175)	0.11	64.2	815	41.2	3.1	0.002	0.061	0.92	7.8	2.2	0.5	7.0	<0.01	0.16
E5577129 (5552176)	0.08	153	1180	25.2	3.0	0.004	0.097	0.77	13.2	1.8	<0.2	55.0	<0.01	0.12
E5577130 (5552177)	0.34	144	3240	29.7	6.6	0.006	0.101	1.43	15.8	3.3	0.2	38.8	<0.01	0.09
E5577131 (5552178)	0.16	61.5	1670	40.2	5.7	0.003	0.091	1.40	12.4	1.7	<0.2	61.5	<0.01	0.10
E5577132 (5552179)	0.25	33.8	1390	38.0	5.4	<0.001	0.068	0.49	3.6	0.3	0.2	16.2	<0.01	0.07
E5577133 (5552180)	0.11	70.6	765	44.8	5.2	0.002	0.030	2.23	9.8	1.1	<0.2	39.9	<0.01	0.10
E5577134 (5552181)	<0.05	48.5	657	27.2	7.2	0.001	0.010	0.36	10.5	0.5	0.5	22.7	<0.01	0.06
E5577135 (5552182)	0.66	35.9	1030	25.0	6.4	<0.001	0.038	0.88	3.9	0.5	0.3	11.9	<0.01	0.04
E5577136 (5552183)	0.28	41.2	968	42.4	6.2	<0.001	0.035	0.72	6.5	0.4	0.3	23.7	<0.01	0.06
E5577137 (5552184)	0.46	39.7	880	26.4	5.4	<0.001	0.037	0.62	3.3	0.4	0.2	13.3	<0.01	0.05
E5577138 (5552185)	0.52	18.8	1090	29.9	7.4	<0.001	0.058	0.56	1.5	0.3	0.3	5.6	<0.01	0.05
E5577139 (5552186)	0.48	35.3	912	39.7	6.5	<0.001	0.036	0.59	3.2	0.4	0.3	11.3	<0.01	0.05
E5577140 (5552187)	0.50	36.0	1060	29.4	8.3	<0.001	0.053	0.69	6.2	0.6	0.3	14.3	<0.01	0.05
E5577141 (5552188)	0.39	36.5	931	37.2	6.3	<0.001	0.035	0.52	4.1	0.4	0.2	13.9	<0.01	0.04
E5577142 (5552189)	0.85	20.6	1510	28.5	9.1	<0.001	0.079	0.74	1.5	0.4	0.4	7.9	<0.01	0.05
E5577143 (5552190)	0.17	49.4	791	40.8	5.9	0.001	0.026	0.98	5.5	0.6	0.2	13.7	<0.01	0.07
E5577144 (5552191)	0.29	41.2	1800	27.3	9.1	0.002	0.097	0.69	7.6	1.2	0.2	45.2	<0.01	0.07
E5577145 (5552192)	0.23	47.8	1280	25.7	6.6	0.002	0.090	0.73	8.3	1.1	0.2	49.6	<0.01	0.08
E5577146 (5552193)	0.25	68.3	1070	27.9	4.8	0.001	0.051	0.75	7.3	0.9	0.2	39.6	<0.01	0.11
E5577147 (5552194)	0.40	64.9	1430	25.5	6.1	0.003	0.073	0.75	10.6	1.4	0.3	16.2	<0.01	0.13
E5577148 (5552195)	0.51	55.8	1560	33.7	8.9	0.002	0.083	0.91	11.5	1.4	0.3	26.2	<0.01	0.12
E5577149 (5552196)	0.41	44.4	1600	33.9	7.4	<0.001	0.079	1.09	4.7	0.9	0.3	14.3	<0.01	0.12
E5577150 (5552197)	0.51	4410	759	18.2	8.2	0.009	1.80	0.15	3.2	4.1	2.2	52.4	<0.01	0.38
E5577151 (5552198)	0.28	49.5	1080	41.4	6.7	<0.001	0.034	1.26	4.6	0.8	0.3	12.5	<0.01	0.16
E5577152 (5552199)	0.39	42.5	1480	42.9	7.0	0.002	0.069	1.08	9.9	1.3	0.3	18.0	<0.01	0.14
E5577153 (5552200)	0.24	63.6	767	36.0	4.7	0.002	0.032	0.85	12.0	1.0	0.2	11.9	<0.01	0.13
E5577154 (5552201)	0.36	47.8	1600	19.8	6.1	0.002	0.081	0.64	16.9	1.3	0.3	20.2	<0.01	0.17
E5577155 (5552202)	0.43	50.9	1300	18.6	5.5	0.002	0.055	0.75	14.5	1.3	0.3	13.6	<0.01	0.19
E5577156 (5552203)	0.27	52.7	2180	27.1	6.6	0.002	0.094	0.66	19.3	1.9	0.3	29.3	<0.01	0.18
E5577157 (5552204)	<0.05	61.5	869	28.2	4.2	0.002	0.092	0.83	12.5	1.2	<0.2	13.5	<0.01	0.19
E5577158 (5552205)	0.17	70.5	1500	28.0	5.3	0.002	0.076	0.78	26.9	2.1	0.3	24.1	<0.01	0.26

Certified By:

*Y. Chen*



## Certificate of Analysis

AGAT WORK ORDER: 14Y861107

PROJECT NO: KTL-14514-YT

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

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 09, 2014		DATE RECEIVED: Jul 08, 2014						DATE REPORTED: Jul 28, 2014				SAMPLE TYPE: Soil			
	Analyte:	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
	Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID)	RDL:	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	0.01
E5577159 (5552206)		<0.05	69.3	811	32.4	4.0	0.002	0.088	0.69	15.5	1.2	<0.2	15.7	<0.01	0.19
E5578461 (5552207)		1.12	25.8	1040	14.9	8.4	0.004	0.117	0.36	8.9	1.5	0.3	39.3	0.18	0.09
E5578462 (5552208)		0.32	38.1	832	20.0	7.5	<0.001	0.085	5.37	15.5	1.1	0.3	35.8	0.04	0.12
E5578463 (5552209)		0.68	40.0	1230	20.8	8.0	0.001	0.052	0.57	10.4	0.8	0.4	16.7	<0.01	0.11
E5578464 (5552210)		0.22	67.4	667	17.8	7.1	0.002	0.025	0.89	18.0	0.9	0.3	30.9	<0.01	0.18
E5578465 (5552211)		0.66	50.8	829	25.5	6.4	0.001	0.034	0.71	19.8	1.2	0.4	14.0	<0.01	0.14
E5578466 (5552212)		0.22	49.1	917	69.7	6.5	0.002	0.102	1.42	16.9	1.7	0.3	19.8	0.01	0.16
E5578467 (5552213)		0.33	35.5	562	28.4	5.0	<0.001	0.061	0.81	10.5	0.8	0.3	17.3	<0.01	0.12
E5578468 (5552214)		0.73	36.8	1220	16.5	8.7	0.001	0.079	1.57	17.2	0.8	0.4	16.7	<0.01	0.13
E5578469 (5552215)		0.20	35.6	609	36.8	5.1	0.001	0.105	1.26	12.3	0.9	0.3	14.8	<0.01	0.09
E5578470 (5552216)		0.22	32.2	732	29.5	5.5	0.001	0.062	1.41	13.4	1.0	0.3	15.1	<0.01	0.10
E5578471 (5552217)		0.43	40.0	1050	116	10.4	0.001	0.087	0.96	8.2	1.2	0.4	23.2	<0.01	0.13
E5578475 (5552218)		0.36	33.8	703	11.1	4.2	0.002	0.072	0.40	5.3	0.4	1.0	46.2	<0.01	0.05
E5578477 (5552219)		0.29	70.2	835	33.4	6.2	0.002	0.029	0.86	10.4	1.5	0.4	11.5	<0.01	0.14
E5578478 (5552220)		0.55	39.0	1530	24.8	10.3	<0.001	0.088	0.83	5.5	1.0	0.4	27.8	<0.01	0.13
E5578479 (5552221)		0.62	40.1	1450	18.5	9.6	<0.001	0.072	0.73	6.2	0.8	0.4	6.9	<0.01	0.11
E5578480 (5552222)		0.27	44.8	1170	20.6	7.4	0.001	0.054	0.65	9.8	0.7	0.3	9.7	<0.01	0.11
E5578481 (5552223)		0.69	37.9	1020	19.8	7.3	<0.001	0.036	0.77	5.2	0.6	0.4	10.6	<0.01	0.10
E5578482 (5552224)		1.03	37.2	425	14.8	6.4	<0.001	0.019	0.66	5.7	0.4	0.4	10.5	<0.01	0.08
E5578483 (5552225)		0.30	41.0	914	26.9	8.1	0.001	0.077	0.67	7.8	1.0	0.2	36.3	<0.01	0.10
E5578484 (5552226)		0.66	27.5	1150	29.3	8.1	<0.001	0.023	0.60	2.4	0.4	0.3	11.0	<0.01	0.06
E5578485 (5552227)		0.45	19.6	1260	17.9	12.2	<0.001	0.064	0.64	1.1	0.3	0.4	20.9	<0.01	0.05
E5578486 (5552228)		0.48	24.6	1630	20.0	12.0	<0.001	0.103	0.73	2.0	0.5	0.4	14.2	<0.01	0.07
E5578487 (5552230)		0.19	46.5	695	25.6	5.1	0.001	0.015	0.64	4.9	0.5	0.2	11.5	<0.01	0.06
E5578488 (5552231)		0.24	26.2	1980	99.7	9.5	<0.001	0.150	0.56	8.4	0.7	0.3	14.7	<0.01	0.07
E5578489 (5552232)		0.19	31.6	1480	122	9.2	<0.001	0.106	1.87	6.3	0.9	0.3	12.8	<0.01	0.11
E5578490 (5552233)		0.48	56.8	903	23.8	6.8	<0.001	0.023	0.72	5.6	0.6	0.3	13.6	<0.01	0.08
E5578491 (5552234)		0.33	17.0	1460	11.4	14.3	<0.001	0.071	0.62	0.9	0.4	0.4	7.2	<0.01	0.07
E5578492 (5552235)		0.58	35.5	957	18.7	7.4	<0.001	0.036	0.64	4.2	0.5	0.3	15.8	<0.01	0.07
E5578493 (5552236)		0.69	24.5	1440	92.9	11.6	<0.001	0.070	0.68	2.3	0.5	0.4	7.1	0.01	0.06
E5578494 (5552237)		0.52	36.6	1380	21.0	10.9	<0.001	0.068	0.60	5.4	0.6	0.3	32.7	<0.01	0.11
E5578495 (5552238)		0.55	30.9	900	25.0	9.2	<0.001	0.049	0.56	3.6	0.4	0.3	15.8	<0.01	0.09

Certified By:

*Y. Chen*



## Certificate of Analysis

AGAT WORK ORDER: 14Y861107

PROJECT NO: KTL-14514-YT

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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Analyte:	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	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	0.01
Sample ID (AGAT ID)														
E5578496 (5552239)	0.37	35.8	610	22.7	7.6	<0.001	0.015	0.57	3.7	0.3	0.2	9.6	<0.01	0.07
E5577460 (5552240)	0.16	37.2	888	33.3	4.7	0.002	0.054	1.12	11.5	1.0	0.2	17.5	<0.01	0.06
E5577461 (5552241)	<0.05	56.7	744	40.5	4.3	0.001	0.044	1.33	9.9	0.8	<0.2	17.6	<0.01	0.10
E5577462 (5552242)	0.36	53.3	1000	17.4	5.5	<0.001	0.033	0.43	7.9	0.5	0.3	15.7	<0.01	0.10
E5577463 (5552243)	0.42	44.1	1680	19.6	8.3	<0.001	0.080	0.53	8.7	0.6	0.3	15.8	<0.01	0.09
E5577464 (5552244)	0.44	51.6	1110	21.3	5.5	0.002	0.035	0.40	13.3	0.8	0.3	18.6	0.01	0.10
E5577465 (5552245)	0.57	35.8	1880	29.9	8.4	<0.001	0.089	0.51	6.7	0.5	0.4	12.2	0.01	0.10
E5577466 (5552246)	0.51	44.9	1460	21.4	8.4	0.001	0.065	0.47	12.2	0.8	0.3	13.0	<0.01	0.10
E5577467 (5552247)	0.38	47.8	1050	28.5	6.0	0.001	0.032	0.44	19.6	0.8	0.3	17.2	<0.01	0.09
E5577468 (5552248)	0.19	56.2	1010	30.4	5.9	0.002	0.048	0.30	16.8	0.9	0.3	19.7	<0.01	0.13
E5577469 (5552249)	0.36	48.9	999	23.4	5.7	0.001	0.067	0.37	11.9	1.1	0.2	16.4	<0.01	0.12
E5577470 (5552250)	0.31	53.1	1200	22.0	6.8	0.001	0.064	0.34	13.6	0.9	0.3	16.1	<0.01	0.13
E5577471 (5552251)	0.21	51.1	1080	25.8	7.8	0.001	0.065	0.32	12.3	1.0	0.3	18.1	<0.01	0.12
E5577472 (5552252)	<0.05	45.0	828	41.4	4.8	0.001	0.078	1.30	7.4	1.1	0.2	7.4	<0.01	0.16
E5577473 (5552253)	0.17	55.2	1250	81.9	7.4	0.003	0.127	1.15	11.4	2.6	0.3	12.9	<0.01	0.19
E5577474 (5552254)	0.09	48.9	407	24.1	4.6	0.001	0.010	11.0	8.6	0.9	0.2	49.5	<0.01	0.17
E5577475 (5552255)	0.40	33.6	664	3.9	4.1	0.002	0.074	0.46	5.1	0.5	1.0	45.5	<0.01	0.06
E5577476 (5552256)	0.29	31.6	998	117	5.4	0.002	0.056	4.76	10.0	1.3	0.3	14.3	<0.01	0.11
E5577477 (5552257)	0.37	64.3	1300	31.3	8.8	0.002	0.074	1.03	19.1	1.9	0.3	18.1	<0.01	0.13
E5577478 (5552259)	0.35	49.9	844	24.7	5.7	0.001	0.029	0.75	13.7	0.8	0.3	17.5	<0.01	0.11
E5577479 (5552260)	0.44	52.2	1170	19.7	8.5	0.002	0.057	0.65	12.2	1.1	0.3	21.0	<0.01	0.10
E5577480 (5552261)	0.23	34.5	786	24.7	6.6	0.001	0.035	11.1	7.3	1.2	0.2	11.1	<0.01	0.13
E5577481 (5552262)	0.16	59.6	845	18.5	6.5	0.002	0.057	18.1	19.4	1.2	0.2	16.8	<0.01	0.15
E5577482 (5552263)	0.30	32.3	624	38.2	5.2	0.003	0.054	5.34	8.8	1.4	0.2	13.5	<0.01	0.11
E5577483 (5552264)	0.09	51.0	1190	26.9	5.7	0.002	0.071	0.31	17.4	0.9	0.2	17.6	<0.01	0.10
E5577484 (5552265)	0.22	19.2	977	31.9	3.6	0.001	0.067	0.71	7.8	1.1	0.2	39.6	<0.01	0.08
E5577485 (5552266)	0.54	28.5	428	26.4	4.8	0.001	0.031	1.66	6.7	0.7	0.3	10.7	<0.01	0.05
E5577486 (5552267)	0.34	47.4	480	28.2	6.7	0.002	0.024	0.75	15.7	0.8	0.3	22.7	<0.01	0.09
E5577487 (5552268)	0.46	25.5	468	39.7	7.0	0.002	0.028	1.45	10.8	1.0	0.3	10.7	<0.01	0.06
E5577488 (5552269)	0.27	21.3	715	27.5	6.3	0.001	0.051	0.96	6.5	0.9	0.3	17.0	<0.01	0.05
E5577489 (5552270)	0.15	60.8	914	28.3	7.6	0.001	0.040	0.74	15.6	0.6	0.2	15.7	<0.01	0.10
E5577490 (5552271)	0.60	29.6	1390	22.0	12.9	<0.001	0.096	0.98	2.8	0.5	0.6	8.7	<0.01	0.10

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 14Y861107

PROJECT NO: KTL-14514-YT

5623 McADAM ROAD  
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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Analyte:	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	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	0.01
Sample ID (AGAT ID)														
E5577491 (5552273)	0.51	33.5	2530	27.6	10.4	0.001	0.136	0.67	9.9	1.0	0.4	13.6	<0.01	0.08
E5577492 (5552274)	0.15	27.8	988	34.0	5.9	0.001	0.068	3.26	7.2	0.8	0.2	13.2	<0.01	0.07
E5577493 (5552275)	0.10	26.9	805	34.9	5.2	0.002	0.057	2.69	7.1	0.7	0.2	13.3	<0.01	0.06
E5577494 (5552276)	0.17	25.6	928	40.6	5.6	0.002	0.059	2.15	8.5	1.1	0.2	20.8	<0.01	0.07
E5272179 (5552277)	0.39	49.1	1200	23.3	8.1	0.001	0.049	0.58	10.7	1.0	0.3	18.6	<0.01	0.11
E5272180 (5552278)	0.38	45.5	832	28.1	5.5	<0.001	0.018	0.64	13.2	0.7	0.3	15.8	<0.01	0.10
E5272181 (5552280)	0.17	55.5	874	19.3	5.2	0.001	0.028	0.41	13.4	0.7	0.2	13.9	<0.01	0.11
E5272182 (5552281)	0.06	54.3	855	21.5	4.6	0.001	0.022	0.46	11.6	0.6	0.2	11.8	<0.01	0.13
E5272183 (5552282)	0.19	52.4	946	21.4	5.9	0.001	0.030	0.51	12.3	0.8	0.2	11.8	<0.01	0.12
E5272184 (5552283)	<0.05	45.4	851	35.9	4.7	0.001	0.057	1.22	8.6	0.9	0.2	8.9	<0.01	0.14
E5272185 (5552284)	<0.05	46.7	863	32.2	3.6	0.001	0.114	1.04	7.5	0.8	0.2	12.2	<0.01	0.17
E5272186 (5552285)	0.25	39.8	827	31.0	4.5	<0.001	0.068	2.70	9.2	0.9	0.3	15.7	<0.01	0.08
E5272187 (5552286)	0.82	35.0	1520	19.7	9.2	0.001	0.104	0.93	8.1	2.2	0.4	37.9	0.03	0.09
E5272188 (5552287)	0.16	40.3	738	20.8	5.1	0.001	0.036	1.82	9.2	0.6	0.2	15.5	<0.01	0.07
E5272189 (5552288)	0.11	30.0	981	30.6	4.5	0.001	0.058	1.95	7.3	0.7	0.3	32.7	<0.01	0.04
E5272190 (5552289)	0.34	37.6	960	33.1	6.2	0.002	0.049	1.18	10.9	1.0	0.3	13.0	<0.01	0.08
E5272191 (5552290)	0.36	48.0	819	28.0	4.8	0.002	0.030	0.64	17.5	1.0	0.4	28.1	<0.01	0.08
E5272192 (5552291)	0.41	40.3	909	24.1	7.9	<0.001	0.036	0.57	12.0	0.7	0.3	9.7	<0.01	0.09
E5272193 (5552292)	0.71	23.0	1290	15.6	9.7	<0.001	0.094	0.80	6.1	1.1	0.4	17.2	0.02	0.07
E5272194 (5552293)	0.83	27.3	995	16.3	11.6	<0.001	0.060	0.89	4.8	0.5	0.5	13.0	<0.01	0.07
E5272195 (5552294)	0.59	26.3	1680	21.6	10.2	0.002	0.150	1.42	7.4	1.6	0.4	23.7	0.01	0.08
E5272196 (5552295)	0.26	25.3	1520	19.1	7.9	<0.001	0.121	1.00	6.7	0.8	0.2	28.1	<0.01	0.08
E5272197 (5552296)	<0.05	23.2	678	21.4	4.1	0.001	0.042	3.48	6.1	0.6	<0.2	18.9	<0.01	0.05
E5272198 (5552297)	<0.05	28.6	596	30.7	4.0	0.001	0.045	3.65	7.4	0.6	<0.2	22.5	<0.01	0.05
E5272199 (5552298)	0.13	30.9	931	24.7	6.7	0.003	0.053	5.24	9.0	0.7	0.2	9.2	<0.01	0.08
E5272200 (5552299)	<0.05	>10000	79	14.0	0.8	0.035	7.38	1.07	8.2	10.3	2.5	3.1	<0.01	0.68
E5272201 (5552300)	0.32	39.7	1350	25.4	7.9	0.002	0.068	2.51	10.5	1.1	0.3	17.0	<0.01	0.22
E5272202 (5552301)	0.16	26.2	1240	46.0	5.7	0.002	0.082	2.02	9.7	1.0	<0.2	24.7	<0.01	0.10
E5272203 (5552302)	0.13	29.6	1210	42.4	5.7	0.003	0.084	2.23	10.0	1.4	0.2	22.5	<0.01	0.07
E5272204 (5552303)	0.36	28.2	1750	32.5	9.8	0.001	0.145	2.17	6.1	1.9	0.2	31.8	0.01	0.15
E5272205 (5552304)	0.38	25.7	1500	32.9	8.0	0.002	0.141	1.73	7.2	1.7	0.3	20.5	<0.01	0.13
E5272206 (5552305)	0.07	37.2	738	39.0	4.4	<0.001	0.047	2.12	7.3	0.9	<0.2	8.9	<0.01	0.14

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 14Y861107

PROJECT NO: KTL-14514-YT

5623 McADAM ROAD  
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<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 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Analyte:	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	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	0.01
Sample ID (AGAT ID)														
E5272207 (5552306)	0.26	28.9	1470	28.0	4.9	0.001	0.171	1.17	7.7	1.2	<0.2	21.0	0.04	0.19
E5272208 (5552307)	0.42	38.1	1050	31.7	7.6	0.001	0.079	0.93	13.5	1.1	0.3	23.3	<0.01	0.12
E5272209 (5552308)	0.39	28.6	1070	33.2	8.2	0.001	0.075	1.51	10.1	1.0	0.3	14.6	<0.01	0.11
E5272092 (5552310)	0.55	30.1	1240	20.4	9.5	<0.001	0.055	0.80	3.0	0.4	0.4	8.6	<0.01	0.15
E5272093 (5552311)	1.08	34.7	380	15.2	6.5	<0.001	0.015	0.75	5.7	0.5	0.4	10.9	<0.01	0.09
E5272094 (5552312)	0.69	33.7	1400	20.0	8.4	0.001	0.065	0.74	9.3	0.8	0.4	13.0	<0.01	0.08
E5272095 (5552313)	0.74	35.1	574	14.2	7.1	<0.001	0.030	0.60	5.6	0.4	0.4	12.6	<0.01	0.08
E5272096 (5552315)	0.37	47.1	896	14.9	6.4	0.001	0.020	0.49	8.8	0.6	0.3	11.7	<0.01	0.09
E5272097 (5552316)	0.42	45.9	990	15.6	7.7	0.001	0.051	0.49	10.0	0.7	0.3	11.5	<0.01	0.10
E5272098 (5552317)	0.53	37.2	2050	18.0	10.5	0.001	0.145	0.59	10.1	0.8	0.4	13.8	<0.01	0.11
E5272099 (5552318)	0.39	45.2	885	27.6	6.6	<0.001	0.045	1.08	12.0	1.1	0.3	24.3	<0.01	0.09
E5272100 (5552319)	<0.05	>10000	56	14.2	0.8	0.043	6.94	1.17	8.0	10.1	2.5	3.0	<0.01	0.78
E5272101 (5552320)	0.31	32.6	858	32.7	5.5	0.001	0.066	1.58	7.9	0.9	0.3	16.7	<0.01	0.22
E5272102 (5552321)	0.73	30.5	1350	51.1	8.9	0.003	0.098	1.29	8.9	1.4	0.4	15.5	0.04	0.12
E5272103 (5552322)	0.22	25.0	774	28.9	4.4	0.001	0.036	0.75	8.2	1.0	<0.2	33.0	<0.01	0.05
E5272104 (5552324)	0.20	48.9	1020	16.1	6.2	0.001	0.088	0.48	12.6	1.1	0.2	13.3	<0.01	0.09
E5272105 (5552325)	0.14	56.3	771	26.0	5.1	0.001	0.020	0.35	12.1	0.6	0.2	21.4	<0.01	0.09
E5272106 (5552326)	0.13	39.2	689	32.9	4.9	0.001	0.118	2.00	9.1	1.1	0.3	10.5	<0.01	0.17
E5272107 (5552327)	0.27	57.1	1310	38.5	6.6	0.003	0.045	0.79	19.4	1.7	0.3	14.7	<0.01	0.19
E5272108 (5552328)	0.34	49.2	1390	27.2	6.0	0.002	0.061	0.42	16.5	1.1	0.3	19.6	<0.01	0.14
E5272109 (5552329)	0.41	46.6	789	21.5	7.2	<0.001	0.025	0.48	9.3	0.6	0.4	13.0	<0.01	0.11
E5577160 (5552330)	0.71	36.9	1120	21.4	7.9	<0.001	0.060	0.79	6.1	0.6	0.4	12.6	<0.01	0.09
E5577161 (5552331)	0.35	26.5	1650	28.9	6.4	0.002	0.123	1.78	7.1	1.1	0.3	19.3	0.02	0.15
E5577162 (5552333)	0.71	32.2	1490	26.7	7.8	0.001	0.087	0.92	8.9	1.1	0.4	16.6	<0.01	0.15
E5577163 (5552334)	0.42	42.4	1430	18.8	6.9	0.001	0.054	0.45	12.3	0.8	0.3	15.7	<0.01	0.10
E5577164 (5552335)	0.35	24.5	1620	38.1	8.1	<0.001	0.079	1.58	6.4	0.8	0.3	14.2	<0.01	0.11
E5577165 (5552336)	0.35	30.8	1660	32.8	7.7	0.002	0.077	1.36	9.7	1.2	0.3	16.3	<0.01	0.10
E5577166 (5552337)	0.32	32.3	1270	41.7	7.2	0.001	0.057	1.85	7.8	0.9	0.4	14.5	<0.01	0.11
E5577167 (5552338)	0.51	34.8	1460	18.5	9.5	<0.001	0.080	0.91	9.9	0.8	0.3	17.7	<0.01	0.10
E5577168 (5552339)	0.25	35.9	1050	22.2	8.1	0.002	0.053	4.56	11.2	1.0	0.3	17.5	<0.01	0.10
E5577169 (5552340)	0.13	31.6	1030	17.7	6.8	<0.001	0.044	0.95	8.1	0.6	0.2	6.7	<0.01	0.08
E5577170 (5552341)	0.59	23.0	977	10.0	10.2	<0.001	0.038	0.70	3.4	0.4	0.4	11.1	<0.01	0.06

Certified By:

*Y. Chen*





## Certificate of Analysis

AGAT WORK ORDER: 14Y861107

PROJECT NO: KTL-14514-YT

5623 McADAM ROAD  
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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 09, 2014		DATE RECEIVED: Jul 08, 2014				DATE REPORTED: Jul 28, 2014				SAMPLE TYPE: Soil					
Analyte:	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	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	0.01	
Sample ID (AGAT ID)															
E5577171 (5552342)	0.33	29.7	1920	45.4	8.3	<0.001	0.129	0.81	2.7	0.9	0.3	11.4	<0.01	0.12	
E5577172 (5552343)	0.29	35.7	1180	24.5	6.2	<0.001	0.035	0.70	3.0	0.5	0.2	15.0	<0.01	0.09	
E5577173 (5552344)	0.41	25.0	1190	17.0	6.5	0.001	0.053	0.59	4.9	0.7	0.2	13.4	<0.01	0.05	
E5577174 (5552345)	0.59	27.4	1090	21.0	10.6	0.001	0.055	0.71	4.5	0.8	0.4	28.0	<0.01	0.03	
E5577175 (5552346)	0.38	31.8	621	4.0	4.1	0.002	0.058	0.43	5.0	0.4	1.0	45.7	<0.01	0.02	
E5577176 (5552347)	0.70	27.8	552	15.8	8.6	<0.001	0.033	0.65	7.2	0.9	0.3	21.3	<0.01	0.03	
E5577177 (5552349)	0.45	27.8	629	17.9	7.9	0.002	0.043	0.66	6.7	1.2	0.3	19.3	<0.01	0.02	
E5577178 (5552350)	0.20	24.7	802	15.9	9.9	0.001	0.082	0.43	5.2	1.0	0.3	31.5	<0.01	0.03	
E5577179 (5552351)	0.47	24.4	686	13.3	11.8	0.001	0.051	0.40	5.7	0.6	0.3	19.7	<0.01	0.02	
E5269757 (5552352)	0.25	55.4	989	22.2	5.1	0.001	0.042	0.32	16.3	0.9	0.2	15.6	<0.01	0.16	
E5269758 (5552353)	0.14	64.6	883	29.3	5.0	0.002	0.023	0.30	18.9	0.9	0.2	15.5	<0.01	0.17	
E5269759 (5552354)	0.36	48.0	1580	22.1	7.3	0.001	0.077	0.58	13.8	0.8	0.3	17.0	<0.01	0.15	
E5272060 (5552355)	0.47	39.2	1570	28.1	9.1	0.001	0.069	0.62	8.3	0.7	0.3	12.0	<0.01	0.15	
E5272061 (5552356)	0.37	52.8	1130	25.8	4.8	0.002	0.069	1.08	19.3	1.4	0.2	24.3	<0.01	0.15	
E5272062 (5552357)	0.15	43.8	987	31.3	4.8	0.002	0.041	1.98	13.0	1.0	0.2	14.2	<0.01	0.12	
E5272063 (5552359)	0.65	41.9	1010	29.6	5.9	0.001	0.062	2.03	7.6	1.0	0.3	12.9	0.03	0.14	
E5272064 (5552360)	0.49	34.9	1230	40.0	5.6	0.002	0.075	1.77	10.1	1.1	0.3	14.9	0.02	0.14	
E5272065 (5552361)	0.34	46.6	1100	45.3	4.8	0.004	0.023	1.82	11.2	1.0	0.4	17.4	<0.01	0.17	
E5272066 (5552362)	1.41	23.2	649	14.1	9.1	<0.001	0.048	0.88	2.8	0.5	0.6	6.4	<0.01	0.13	
E5272067 (5552363)	0.85	39.8	919	20.7	7.4	<0.001	0.032	0.70	5.7	0.7	0.4	9.5	<0.01	0.11	
E5272068 (5552364)	0.24	37.3	720	16.8	5.2	<0.001	0.024	1.24	10.8	0.6	0.4	8.0	<0.01	0.12	
E5272069 (5552365)	0.77	25.6	1630	19.7	9.0	0.001	0.088	1.00	6.9	0.8	0.4	17.8	0.01	0.09	
E5272070 (5552366)	0.92	35.5	952	15.6	8.4	<0.001	0.053	0.72	8.3	0.9	0.5	12.1	<0.01	0.10	
E5272071 (5552367)	0.55	47.5	1160	24.6	6.5	0.002	0.045	0.73	23.8	1.6	0.3	13.5	<0.01	0.13	
E5272072 (5552368)	0.39	50.7	1280	24.0	7.1	0.002	0.072	0.48	21.9	1.6	0.3	13.6	<0.01	0.19	
E5272073 (5552369)	0.55	25.3	1550	12.4	7.5	<0.001	0.117	0.41	4.3	0.6	0.3	6.5	<0.01	0.14	
E5272074 (5552370)	0.31	53.7	1040	27.1	4.4	0.001	0.041	0.34	13.8	0.9	0.2	13.4	<0.01	0.15	
E5272075 (5552371)	0.35	33.3	612	3.7	4.1	0.002	0.060	0.38	5.1	0.5	1.0	44.7	<0.01	0.06	
E5272076 (5552372)	0.35	49.5	1020	21.9	5.7	0.001	0.049	0.42	13.0	0.9	0.3	16.2	<0.01	0.12	
E5272077 (5552373)	0.65	37.6	1480	20.3	5.7	0.001	0.125	0.52	11.3	1.5	0.3	23.0	<0.01	0.15	
E5272078 (5552374)	0.34	50.9	1010	20.0	5.2	0.002	0.034	0.46	14.3	1.0	0.2	11.5	<0.01	0.13	
E5272079 (5552375)	0.53	29.5	2100	19.6	9.1	0.001	0.138	0.44	11.2	1.2	0.3	31.3	<0.01	0.13	

Certified By:

*Y. Chen*



## Certificate of Analysis

AGAT WORK ORDER: 14Y861107

PROJECT NO: KTL-14514-YT

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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<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 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Analyte:	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	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	0.01
Sample ID (AGAT ID)														
E5272080 (5552376)	0.14	29.3	2930	19.8	2.8	0.003	0.019	0.67	29.8	2.0	<0.2	25.3	<0.01	0.06
E5272081 (5552377)	0.27	43.3	1010	37.5	5.9	0.002	0.031	2.66	15.2	1.3	0.3	12.2	<0.01	0.12
E5272082 (5552378)	0.44	28.4	1560	35.3	8.1	0.001	0.108	1.40	8.9	1.3	0.3	13.8	0.01	0.18
E5272083 (5552379)	0.11	30.7	1120	33.2	5.1	<0.001	0.102	1.83	8.2	0.9	0.2	12.1	<0.01	0.14
E5272084 (5552380)	0.68	30.3	1180	23.6	8.2	<0.001	0.053	0.88	4.0	0.7	0.4	9.6	<0.01	0.09
E5272085 (5552381)	0.23	37.4	1460	45.8	6.3	0.002	0.095	1.19	11.0	1.8	0.3	15.3	<0.01	0.17
E5272086 (5552382)	0.49	22.8	1590	30.7	5.7	0.001	0.148	0.84	6.7	1.4	0.3	24.2	0.01	0.15
E5272087 (5552383)	0.32	37.5	874	21.7	4.5	0.001	0.033	0.97	8.1	0.7	0.2	10.9	<0.01	0.10
E5272088 (5552384)	0.29	33.2	1050	34.3	5.8	0.001	0.082	1.10	9.0	1.3	0.2	14.9	<0.01	0.13
E5272089 (5552385)	0.23	45.6	926	48.4	5.2	0.001	0.190	3.11	10.9	1.3	0.2	12.9	<0.01	0.18
E5272090 (5552386)	0.42	26.8	1640	46.6	6.5	0.001	0.134	1.26	7.6	2.0	0.2	25.0	<0.01	0.17
E5272091 (5552387)	0.17	37.8	1330	62.3	5.7	0.002	0.142	2.33	10.6	1.2	0.2	21.2	<0.01	0.16
E5578210 (5552388)	0.96	27.9	1070	18.7	9.1	<0.001	0.047	0.92	5.7	0.5	0.5	14.4	<0.01	0.11
E5578211 (5552389)	0.42	16.7	2220	47.1	8.4	0.002	0.128	1.27	8.4	1.2	0.4	27.8	<0.01	0.10
E5578212 (5552390)	1.38	19.7	701	17.2	10.4	<0.001	0.046	0.95	3.4	0.4	0.6	12.0	<0.01	0.09
E5578213 (5552391)	0.62	26.1	1500	23.4	9.0	0.001	0.088	0.94	7.9	0.9	0.4	19.6	<0.01	0.09
E5578214 (5552392)	0.70	27.3	1460	22.0	11.2	<0.001	0.087	1.05	5.8	0.9	0.4	14.7	<0.01	0.09
E5578215 (5552393)	0.12	25.4	782	50.0	4.6	0.001	0.058	1.08	8.4	1.0	0.2	16.8	<0.01	0.06
E5578216 (5552394)	<0.05	20.1	613	38.2	3.5	0.001	0.029	1.12	6.6	0.8	<0.2	29.4	<0.01	0.04
E5578217 (5552395)	0.15	19.7	658	52.1	3.8	0.001	0.038	1.68	6.3	0.8	<0.2	21.6	<0.01	0.03
E5578218 (5552396)	0.09	19.3	810	40.3	4.0	0.001	0.056	0.98	6.4	1.1	<0.2	27.8	<0.01	0.03
E5578219 (5552397)	0.23	23.9	1090	51.4	6.5	0.002	0.082	1.53	6.8	1.1	0.3	12.6	<0.01	0.44
E5578220 (5552398)	0.82	43.2	1390	39.7	8.3	0.003	0.111	1.60	16.3	2.1	0.4	26.9	0.03	0.09
E5578221 (5552399)	0.28	37.7	730	41.3	6.8	0.002	0.034	1.31	8.8	0.9	0.3	9.0	<0.01	0.10
E5578222 (5552400)	0.29	32.6	712	37.6	5.0	0.001	0.061	1.97	9.5	0.9	0.2	10.9	<0.01	0.07
E5578223 (5552401)	0.61	35.5	681	23.9	5.6	0.001	0.037	1.30	8.9	1.1	0.3	18.8	<0.01	0.08
E5578224 (5552402)	0.37	26.4	715	29.0	5.9	0.001	0.035	1.18	7.7	1.0	0.2	12.8	<0.01	0.08
E5578225 (5552404)	0.39	27.3	700	29.1	5.7	0.002	0.038	1.24	7.6	1.0	0.2	13.5	<0.01	0.13
E5578226 (5552405)	0.28	24.0	942	29.2	6.1	0.001	0.057	2.26	8.6	0.8	0.2	10.2	<0.01	0.10
E5578227 (5552406)	0.13	30.6	635	32.1	3.8	<0.001	0.035	1.78	8.0	0.7	0.2	11.1	<0.01	0.08
E5578228 (5552407)	0.67	27.8	1430	27.2	9.1	0.002	0.097	1.18	9.7	1.4	0.3	19.1	0.01	0.11
E5578229 (5552408)	0.33	27.5	1070	33.7	5.6	0.002	0.085	1.52	10.1	1.3	0.2	17.5	<0.01	0.10

Certified By:

*Y. Chen*



# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y861107

PROJECT NO: KTL-14514-YT

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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 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Analyte:	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	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	0.01
Sample ID (AGAT ID)														
E5578230 (5552409)	0.44	31.7	1220	34.9	8.4	0.001	0.096	2.03	13.5	1.9	0.3	19.4	<0.01	0.10
E5578231 (5552410)	0.59	28.3	869	40.0	5.8	0.001	0.054	3.64	10.1	1.2	0.3	14.8	<0.01	0.07
E5578232 (5552411)	0.28	26.7	939	41.0	5.6	0.001	0.082	1.24	11.5	1.1	0.3	13.5	<0.01	0.07
E5578233 (5552412)	0.44	28.9	975	33.6	7.1	0.002	0.054	1.30	13.7	1.2	0.3	14.2	<0.01	0.08
E5578234 (5552414)	0.35	28.7	863	41.4	6.5	0.002	0.068	1.47	12.2	1.4	0.3	16.3	<0.01	0.08
E5578235 (5552416)	0.47	26.3	994	34.4	8.0	0.002	0.067	1.88	11.2	1.6	0.3	18.6	<0.01	0.09
E5578236 (5552417)	0.48	41.4	1470	17.8	8.8	0.001	0.045	0.67	15.0	0.9	0.3	9.7	<0.01	0.09
E5578237 (5552418)	0.87	29.3	1130	15.6	9.1	0.001	0.048	0.92	9.0	1.1	0.4	15.2	<0.01	0.07
E5578238 (5552419)	0.51	29.4	893	38.1	5.7	0.001	0.054	1.58	9.7	1.0	0.3	11.0	<0.01	0.07
E5578239 (5552421)	0.99	22.6	1280	25.4	11.9	<0.001	0.095	1.35	4.6	0.8	0.5	13.5	<0.01	0.10
E5578240 (5552422)	0.79	27.7	1200	25.6	8.1	0.002	0.080	1.20	8.9	1.6	0.3	19.0	<0.01	0.09
E5578241 (5552423)	1.31	22.5	1240	18.9	10.8	<0.001	0.092	1.10	4.4	0.7	0.5	15.9	<0.01	0.09
E5578242 (5552424)	0.46	37.9	932	43.2	6.1	0.001	0.133	2.14	11.5	1.2	0.3	12.7	<0.01	0.12
E5578910 (5552425)	0.40	33.6	944	42.7	7.3	0.002	0.066	2.62	13.4	1.2	0.3	20.0	<0.01	0.12
E5578911 (5552426)	0.34	29.3	857	39.0	6.3	<0.001	0.047	2.26	10.8	1.0	0.3	14.7	<0.01	0.14
E5578912 (5552427)	0.35	35.3	982	15.6	8.9	0.001	0.035	0.83	10.0	0.7	0.3	6.5	<0.01	0.10
E5578913 (5552428)	0.36	34.1	1070	24.1	6.0	0.001	0.070	1.24	11.2	1.0	0.3	11.5	<0.01	0.11
E5578914 (5552429)	0.17	31.9	607	30.1	5.1	0.001	0.046	1.79	9.9	0.7	0.2	9.1	<0.01	0.10
E5578915 (5552430)	0.25	30.5	722	36.3	6.2	0.002	0.050	1.95	11.2	1.0	0.2	12.4	<0.01	0.09
E5578916 (5552431)	0.25	22.0	1170	46.3	7.4	0.002	0.081	1.06	10.2	1.0	0.3	13.1	<0.01	0.08
E5578917 (5552432)	0.42	31.6	941	37.1	8.1	0.001	0.064	2.23	13.2	1.0	0.3	11.3	<0.01	0.10
E5578918 (5552433)	0.27	40.3	738	17.3	8.0	<0.001	0.024	1.08	12.5	0.8	0.3	7.8	<0.01	0.09
E5578919 (5552434)	1.62	23.5	1660	25.6	10.4	0.002	0.113	1.27	9.0	1.5	0.4	22.3	0.08	0.11
E5578920 (5552435)	0.59	41.7	405	23.0	6.0	0.002	0.012	1.72	11.3	0.8	0.3	10.2	<0.01	0.11
E5578921 (5552436)	0.86	36.1	544	20.8	7.2	<0.001	0.018	1.58	8.1	0.6	0.3	9.4	<0.01	0.10
E5578922 (5552437)	0.92	33.1	733	28.4	8.2	0.002	0.024	1.54	11.2	1.0	0.4	11.4	<0.01	0.10
E5578923 (5552438)	0.70	29.7	1090	49.6	9.2	0.002	0.082	1.74	13.5	1.6	0.3	21.3	0.03	0.10
E5578924 (5552439)	0.72	21.7	848	31.1	6.4	0.002	0.050	1.20	7.7	0.7	0.3	9.4	<0.01	0.06
E5578925 (5552440)	0.69	20.6	824	31.2	6.3	0.001	0.051	1.22	7.5	0.9	0.3	9.3	<0.01	0.06
E5578926 (5552441)	0.37	23.5	1090	91.3	6.2	0.003	0.093	1.10	10.3	1.6	0.2	12.7	0.01	0.07
E5578927 (5552442)	0.42	16.2	854	53.8	4.9	0.002	0.073	1.13	6.9	1.0	0.2	13.0	<0.01	0.05
E5578928 (5552443)	0.32	25.9	769	44.4	4.7	0.002	0.050	1.34	9.0	1.0	0.2	11.4	<0.01	0.05

Certified By:



**AGAT** Laboratories

# Certificate of Analysis

AGAT WORK ORDER: 14Y861107

PROJECT NO: KTL-14514-YT

5623 McADAM ROAD  
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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Analyte:	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	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	0.01
Sample ID (AGAT ID)														
E5578929 (5552444)	0.56	16.3	536	28.0	3.0	0.001	0.026	0.93	5.2	0.5	<0.2	16.4	0.02	0.05
E5578930 (5552445)	1.55	16.3	696	12.6	11.6	<0.001	0.027	0.72	2.9	0.3	0.6	5.7	0.01	0.11
E5578931 (5552446)	0.61	37.3	956	16.7	9.7	0.002	0.062	1.25	10.7	0.9	0.3	21.1	<0.01	0.11
E5578932 (5552447)	0.60	28.2	893	27.4	8.9	0.001	0.050	1.23	8.3	0.6	0.4	9.2	<0.01	0.09
E5578933 (5552448)	0.38	35.8	1600	35.8	4.5	0.002	0.028	0.59	6.4	0.8	0.2	43.7	<0.01	0.08
E5578934 (5552449)	0.25	37.2	1710	33.4	5.4	<0.001	0.017	0.51	6.6	0.6	<0.2	49.6	<0.01	0.07
E5578935 (5552450)	0.21	38.5	1530	32.2	4.0	0.002	0.009	0.54	6.4	0.6	<0.2	50.2	<0.01	0.06
E5578936 (5552451)	<0.05	49.4	1570	31.1	3.9	<0.001	0.019	0.64	5.5	0.7	0.2	31.1	<0.01	0.07
E5578937 (5552452)	0.40	34.1	1650	29.8	5.0	<0.001	0.029	0.51	6.2	0.8	0.2	49.9	<0.01	0.10
E5578938 (5552453)	0.47	24.1	1700	33.7	10.0	0.001	0.061	0.56	3.8	0.5	0.3	31.8	<0.01	0.10
E5578939 (5552454)	0.18	41.2	1390	43.7	7.1	<0.001	0.011	0.56	9.0	0.7	0.3	60.2	<0.01	0.07
E5578940 (5552455)	0.29	33.8	1390	27.3	4.6	0.001	0.031	0.59	7.5	0.8	0.2	48.8	<0.01	0.06
E5578941 (5552456)	0.47	30.1	1540	26.6	5.3	0.001	0.048	0.56	7.3	0.7	0.2	51.1	<0.01	0.07
E5578942 (5552457)	0.50	31.5	1700	30.2	6.7	0.001	0.065	0.83	5.7	0.8	0.2	60.5	<0.01	0.07
E5578943 (5552458)	0.41	29.2	2110	51.4	7.5	0.002	0.082	0.60	7.7	0.9	0.2	34.9	<0.01	0.07
E5578944 (5555733)	0.22	45.8	1400	56.8	5.1	0.002	0.040	1.09	9.2	0.8	<0.2	56.1	<0.01	0.10

Certified By:

*Y. Chen*



# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y861107

PROJECT NO: KTL-14514-YT

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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
Sample ID (AGAT ID)									
E5577127 (5552174)	4.6	0.011	0.26	1.28	31.7	0.06	38.1	136	8.4
E5577128 (5552175)	5.8	0.009	1.23	0.57	34.0	<0.05	10.2	106	2.1
E5577129 (5552176)	7.3	<0.005	0.58	0.92	17.4	<0.05	36.3	294	9.2
E5577130 (5552177)	5.5	0.008	0.88	1.62	45.3	0.05	34.5	241	3.9
E5577131 (5552178)	3.7	0.008	0.24	1.45	29.4	0.06	55.0	136	3.6
E5577132 (5552179)	2.5	0.011	0.18	0.77	45.8	0.11	6.78	91.2	1.7
E5577133 (5552180)	10.2	0.010	0.25	1.22	29.5	<0.05	29.5	146	9.8
E5577134 (5552181)	10.4	0.006	0.15	0.55	45.2	0.11	16.9	106	6.0
E5577135 (5552182)	4.4	0.030	0.11	0.91	46.7	0.16	7.56	94.1	1.4
E5577136 (5552183)	5.0	0.014	0.20	1.07	40.2	0.07	12.4	94.6	2.2
E5577137 (5552184)	4.5	0.026	0.16	0.76	44.0	0.13	6.52	91.2	0.7
E5577138 (5552185)	1.1	0.025	0.10	0.42	49.5	0.09	2.77	67.5	<0.5
E5577139 (5552186)	2.7	0.022	0.17	0.74	47.4	0.13	7.22	81.6	0.9
E5577140 (5552187)	3.6	0.018	0.11	1.13	49.2	0.12	12.2	91.9	2.6
E5577141 (5552188)	3.8	0.020	0.12	0.61	47.4	0.12	7.28	92.2	1.0
E5577142 (5552189)	0.7	0.021	0.11	0.62	59.7	0.12	4.19	68.7	<0.5
E5577143 (5552190)	4.2	0.013	0.19	0.88	34.1	0.06	11.3	108	0.8
E5577144 (5552191)	2.5	0.014	0.13	1.28	35.0	0.09	40.4	98.6	2.9
E5577145 (5552192)	3.4	0.009	0.13	0.83	31.2	0.05	33.7	119	5.0
E5577146 (5552193)	4.2	0.012	0.13	0.85	28.5	0.08	29.8	136	4.4
E5577147 (5552194)	3.1	0.013	0.51	1.45	31.5	0.07	25.9	117	4.6
E5577148 (5552195)	3.4	0.017	0.16	1.13	54.4	0.07	28.6	116	5.8
E5577149 (5552196)	1.6	0.014	0.23	0.71	39.4	0.07	9.29	103	1.5
E5577150 (5552197)	1.8	0.163	0.10	0.33	50.1	1.59	5.34	83.1	2.7
E5577151 (5552198)	2.2	0.012	0.18	0.63	41.9	0.13	7.19	91.1	1.3
E5577152 (5552199)	2.6	0.016	0.19	0.69	61.7	0.10	20.6	82.4	3.0
E5577153 (5552200)	4.0	0.014	0.16	0.50	68.0	0.11	16.4	88.1	2.7
E5577154 (5552201)	3.1	0.014	0.21	0.44	93.6	0.06	26.5	92.7	2.0
E5577155 (5552202)	3.1	0.018	0.23	0.53	84.7	0.08	25.5	97.5	1.7
E5577156 (5552203)	2.2	0.011	0.32	0.60	95.4	0.05	32.8	94.1	1.9
E5577157 (5552204)	4.9	0.008	0.21	0.45	67.8	<0.05	17.4	107	4.1
E5577158 (5552205)	3.5	0.009	0.37	0.45	114	0.05	38.6	124	3.6

Certified By:

*Y. Chen*



## Certificate of Analysis

AGAT WORK ORDER: 14Y861107

PROJECT NO: KTL-14514-YT

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

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
Sample ID (AGAT ID)									
E5577159 (5552206)	5.5	0.010	0.18	0.32	89.6	<0.05	17.1	106	4.2
E5578461 (5552207)	2.6	0.013	0.12	0.79	43.0	0.09	18.1	57.3	2.7
E5578462 (5552208)	2.8	0.007	0.12	0.63	59.7	0.16	15.5	102	2.3
E5578463 (5552209)	2.5	0.019	0.12	0.52	88.1	0.09	12.3	97.1	0.9
E5578464 (5552210)	3.9	0.013	0.14	0.34	104	0.05	17.5	117	0.8
E5578465 (5552211)	4.7	0.019	0.14	0.48	98.3	0.11	28.4	98.4	1.7
E5578466 (5552212)	3.8	0.006	0.24	0.46	51.5	<0.05	32.9	101	2.9
E5578467 (5552213)	4.2	0.010	0.12	0.39	52.3	0.06	12.6	87.1	2.6
E5578468 (5552214)	2.4	0.017	0.13	0.55	90.7	0.12	17.4	76.9	1.1
E5578469 (5552215)	4.9	0.007	0.14	0.52	38.4	<0.05	19.0	80.1	5.1
E5578470 (5552216)	3.3	0.008	0.13	0.43	44.2	<0.05	22.8	81.2	2.7
E5578471 (5552217)	5.6	0.019	0.28	1.68	40.1	0.07	22.3	115	1.8
E5578475 (5552218)	1.8	0.172	0.06	0.34	69.1	0.38	7.66	46.2	6.4
E5578477 (5552219)	5.9	0.013	0.42	0.79	36.1	0.07	15.0	114	2.0
E5578478 (5552220)	2.1	0.016	0.22	0.97	50.9	0.16	11.0	82.6	1.4
E5578479 (5552221)	1.4	0.019	0.13	0.56	92.4	0.12	9.58	94.7	<0.5
E5578480 (5552222)	2.8	0.013	0.11	0.50	88.8	0.06	11.8	92.7	1.0
E5578481 (5552223)	1.5	0.028	0.11	0.65	70.0	0.17	8.01	83.6	<0.5
E5578482 (5552224)	4.4	0.030	0.11	0.45	71.0	0.16	4.78	80.7	1.2
E5578483 (5552225)	3.3	0.009	0.15	1.04	45.5	<0.05	11.1	90.9	1.8
E5578484 (5552226)	1.3	0.024	0.10	0.65	43.9	0.14	4.57	94.1	<0.5
E5578485 (5552227)	0.3	0.018	0.12	0.73	53.5	0.23	3.59	75.9	<0.5
E5578486 (5552228)	0.5	0.016	0.17	0.90	51.6	0.16	4.97	82.5	<0.5
E5578487 (5552230)	5.8	0.013	0.11	0.69	30.8	<0.05	6.95	91.6	0.6
E5578488 (5552231)	4.6	0.011	0.16	0.99	34.3	<0.05	13.2	94.1	3.2
E5578489 (5552232)	4.0	0.011	0.33	1.36	34.5	<0.05	9.82	110	1.3
E5578490 (5552233)	4.8	0.020	0.11	0.73	49.5	0.10	8.57	103	0.6
E5578491 (5552234)	0.5	0.012	0.18	0.68	51.7	0.16	2.97	67.8	<0.5
E5578492 (5552235)	1.7	0.020	0.10	0.56	56.9	0.12	5.36	75.5	0.5
E5578493 (5552236)	0.6	0.017	0.14	0.56	69.7	0.15	5.06	74.0	0.7
E5578494 (5552237)	2.8	0.015	0.12	0.78	48.4	0.10	10.4	101	2.5
E5578495 (5552238)	2.2	0.018	0.11	0.77	38.6	0.10	6.03	90.1	1.0

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 14Y861107

PROJECT NO: KTL-14514-YT

5623 McADAM ROAD  
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<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 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
Sample ID (AGAT ID)									
E5578496 (5552239)	3.6	0.014	0.09	0.54	36.6	0.09	5.86	83.9	<0.5
E5577460 (5552240)	5.8	0.010	0.13	0.87	27.1	0.06	31.6	90.3	3.7
E5577461 (5552241)	6.7	0.010	0.39	0.53	40.7	<0.05	16.5	95.5	8.5
E5577462 (5552242)	3.2	0.027	0.16	0.45	87.6	0.07	10.2	93.0	1.4
E5577463 (5552243)	2.0	0.023	0.15	0.44	86.0	0.08	14.4	90.0	1.2
E5577464 (5552244)	4.2	0.027	0.17	0.56	84.3	0.10	25.4	97.0	1.6
E5577465 (5552245)	2.2	0.022	0.12	0.41	81.1	0.11	10.2	78.9	1.1
E5577466 (5552246)	3.2	0.023	0.14	0.52	91.8	0.09	19.6	92.6	1.6
E5577467 (5552247)	3.9	0.032	0.15	0.48	116	0.07	28.0	98.7	1.5
E5577468 (5552248)	3.5	0.020	0.16	0.38	110	<0.05	28.0	110	1.6
E5577469 (5552249)	2.7	0.023	0.13	0.48	86.3	<0.05	23.0	95.1	2.2
E5577470 (5552250)	3.0	0.020	0.12	0.43	90.4	<0.05	23.6	98.7	2.1
E5577471 (5552251)	3.4	0.015	0.13	0.62	71.1	<0.05	25.6	106	3.1
E5577472 (5552252)	6.8	0.009	0.15	0.86	33.1	<0.05	18.2	104	6.8
E5577473 (5552253)	5.4	0.007	0.29	1.82	43.8	<0.05	43.6	139	7.6
E5577474 (5552254)	4.1	0.014	0.17	0.67	38.8	0.80	21.8	113	3.6
E5577475 (5552255)	1.6	0.169	0.06	0.33	67.2	0.51	7.68	45.0	6.6
E5577476 (5552256)	6.2	0.009	0.18	1.27	33.2	0.26	35.3	143	4.7
E5577477 (5552257)	3.7	0.026	0.18	0.62	111	0.23	34.6	137	2.0
E5577478 (5552259)	4.6	0.032	0.13	0.56	85.8	0.17	22.8	107	2.6
E5577479 (5552260)	3.6	0.028	0.15	0.67	77.7	0.13	24.0	109	2.2
E5577480 (5552261)	5.0	0.013	0.11	1.09	47.9	0.98	26.0	114	3.8
E5577481 (5552262)	3.1	0.007	0.18	0.37	83.9	1.04	25.9	126	2.0
E5577482 (5552263)	4.1	0.008	0.19	1.35	31.9	0.53	61.1	136	2.5
E5577483 (5552264)	2.2	0.005	0.14	0.31	70.4	<0.05	29.5	83.4	0.7
E5577484 (5552265)	3.6	0.008	0.12	0.60	27.4	0.10	30.7	90.4	5.4
E5577485 (5552266)	4.7	0.019	0.18	0.72	33.0	0.33	23.3	92.6	5.0
E5577486 (5552267)	3.7	0.016	0.32	0.43	62.0	0.20	16.0	82.3	0.9
E5577487 (5552268)	6.5	0.016	0.24	0.89	31.3	0.33	40.1	121	1.8
E5577488 (5552269)	3.0	0.011	0.11	0.54	27.5	0.11	26.0	92.7	2.7
E5577489 (5552270)	3.4	0.013	0.22	0.51	101	0.13	13.9	108	<0.5
E5577490 (5552271)	0.5	0.026	0.20	0.51	86.8	0.13	7.17	84.6	<0.5

Certified By:

*Y. Chen*



**AGAT** Laboratories

# Certificate of Analysis

AGAT WORK ORDER: 14Y861107

PROJECT NO: KTL-14514-YT

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

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
Sample ID (AGAT ID)									
E5577491 (5552273)	1.8	0.021	0.16	0.60	63.1	0.09	23.9	76.3	1.5
E5577492 (5552274)	2.9	0.007	0.14	0.73	30.1	0.28	23.1	102	3.9
E5577493 (5552275)	2.9	0.006	0.14	0.53	26.5	0.12	21.0	102	2.2
E5577494 (5552276)	3.0	0.009	0.12	0.63	35.1	0.34	33.5	102	1.6
E5272179 (5552277)	3.0	0.023	0.16	0.57	83.9	0.12	20.6	109	1.3
E5272180 (5552278)	4.1	0.029	0.08	0.59	102	0.14	15.1	98.7	1.7
E5272181 (5552280)	3.6	0.019	0.08	0.37	102	0.10	16.1	102	1.2
E5272182 (5552281)	3.9	0.016	0.08	0.32	89.1	0.16	15.1	110	1.8
E5272183 (5552282)	3.9	0.017	0.08	0.44	80.7	0.09	21.7	107	2.0
E5272184 (5552283)	6.1	0.009	0.11	0.70	45.8	<0.05	15.0	104	4.5
E5272185 (5552284)	5.1	0.009	0.10	0.57	53.8	<0.05	13.1	102	5.3
E5272186 (5552285)	5.9	0.014	0.11	0.62	53.4	0.22	19.5	103	3.2
E5272187 (5552286)	2.4	0.028	0.15	1.19	59.7	0.18	23.9	90.9	1.8
E5272188 (5552287)	3.7	0.012	0.09	0.39	61.1	0.11	13.8	92.4	1.4
E5272189 (5552288)	4.6	<0.005	0.11	0.63	21.6	0.07	22.2	56.3	1.8
E5272190 (5552289)	4.3	0.013	0.15	0.63	46.1	0.09	27.3	97.1	3.4
E5272191 (5552290)	3.9	0.026	0.19	0.47	79.7	0.11	30.7	92.4	2.2
E5272192 (5552291)	4.1	0.020	0.13	0.50	70.3	0.09	21.2	92.9	1.9
E5272193 (5552292)	3.1	0.017	0.12	2.31	41.6	0.15	14.5	67.5	2.7
E5272194 (5552293)	2.5	0.021	0.14	0.77	55.5	0.22	7.11	85.7	1.1
E5272195 (5552294)	1.9	0.016	0.14	2.64	42.6	0.16	27.2	96.9	2.4
E5272196 (5552295)	2.0	0.008	0.10	1.30	38.8	0.06	14.7	84.5	2.8
E5272197 (5552296)	3.6	<0.005	0.08	0.59	26.9	0.16	13.0	81.2	2.2
E5272198 (5552297)	4.3	<0.005	0.10	0.43	32.6	0.16	13.2	83.9	1.6
E5272199 (5552298)	3.0	0.005	0.10	0.57	41.8	0.20	19.0	91.2	1.8
E5272200 (5552299)	0.8	0.031	0.04	0.09	44.7	0.53	2.64	42.6	2.2
E5272201 (5552300)	3.2	0.010	0.12	0.87	61.5	0.32	25.8	90.7	2.2
E5272202 (5552301)	3.2	0.008	0.13	0.75	31.5	0.10	30.2	178	2.3
E5272203 (5552302)	3.5	0.006	0.17	0.79	31.2	0.14	47.8	171	2.3
E5272204 (5552303)	1.9	0.011	0.12	1.22	37.4	0.12	19.5	117	3.0
E5272205 (5552304)	2.0	0.012	0.13	1.14	38.8	0.10	27.1	112	3.0
E5272206 (5552305)	4.9	0.005	0.14	0.68	26.5	<0.05	15.3	104	3.2

**Certified By:**

*Y. Chen.*





# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y861107

PROJECT NO: KTL-14514-YT

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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
Sample ID (AGAT ID)									
E5272207 (5552306)	2.9	0.010	0.11	0.86	30.5	<0.05	21.1	80.1	5.2
E5272208 (5552307)	4.6	0.014	0.13	0.64	46.4	0.08	24.5	93.7	4.7
E5272209 (5552308)	3.2	0.012	0.14	1.06	46.6	0.22	25.1	104	2.9
E5272092 (5552310)	0.9	0.020	0.11	0.48	64.3	0.13	6.20	78.4	0.7
E5272093 (5552311)	4.6	0.034	0.12	0.50	70.6	0.18	5.94	75.9	1.5
E5272094 (5552312)	3.1	0.029	0.14	0.83	66.0	0.20	20.9	98.1	2.5
E5272095 (5552313)	3.1	0.028	0.10	0.44	72.1	0.11	6.38	80.4	1.0
E5272096 (5552315)	4.0	0.028	0.10	0.50	71.3	0.10	14.3	96.9	1.5
E5272097 (5552316)	3.6	0.023	0.12	0.55	77.9	0.10	15.7	97.1	2.0
E5272098 (5552317)	2.5	0.020	0.19	0.53	78.4	0.10	20.0	98.4	2.4
E5272099 (5552318)	3.2	0.018	0.22	0.76	76.6	0.32	23.0	97.3	0.9
E5272100 (5552319)	0.7	0.027	0.04	0.09	42.6	0.48	2.55	42.2	2.2
E5272101 (5552320)	4.6	0.015	0.16	0.73	26.3	0.20	23.9	127	6.4
E5272102 (5552321)	4.5	0.017	0.16	1.58	43.6	0.14	33.8	179	5.4
E5272103 (5552322)	4.9	0.007	0.19	0.63	29.5	0.16	24.8	118	5.0
E5272104 (5552324)	3.6	0.010	0.13	0.57	62.0	<0.05	28.8	99.3	3.3
E5272105 (5552325)	4.2	0.021	0.39	0.40	76.0	0.07	20.8	104	2.1
E5272106 (5552326)	4.5	<0.005	0.21	0.50	23.2	0.07	20.6	91.8	5.2
E5272107 (5552327)	4.4	0.014	0.20	0.55	85.8	0.08	52.3	110	3.1
E5272108 (5552328)	3.0	0.016	0.13	0.47	83.9	0.08	35.0	101	1.8
E5272109 (5552329)	4.1	0.022	0.10	0.49	79.4	0.08	12.5	94.1	1.4
E5577160 (5552330)	2.0	0.029	0.15	0.59	65.5	0.15	9.97	83.4	0.6
E5577161 (5552331)	2.0	0.009	0.14	0.78	38.6	0.15	26.3	114	3.4
E5577162 (5552333)	2.6	0.020	0.16	0.50	71.4	0.15	19.4	83.9	2.5
E5577163 (5552334)	2.4	0.014	0.10	0.45	97.9	0.08	25.1	89.0	1.4
E5577164 (5552335)	2.4	0.011	0.11	0.84	45.5	0.11	15.4	103	2.8
E5577165 (5552336)	3.5	0.012	0.12	1.02	43.5	0.14	33.6	104	4.4
E5577166 (5552337)	4.7	0.011	0.16	0.83	39.3	0.12	21.0	95.4	5.4
E5577167 (5552338)	2.8	0.018	0.13	0.45	55.4	0.09	15.2	84.1	2.3
E5577168 (5552339)	3.5	0.009	0.12	0.52	50.6	0.14	23.1	86.2	4.1
E5577169 (5552340)	3.0	0.006	0.09	0.48	49.4	0.14	13.0	82.0	2.5
E5577170 (5552341)	1.4	0.016	0.13	0.56	48.1	0.20	5.29	72.0	0.7

Certified By:

*Y. Chen*



# AGAT Laboratories

## Certificate of Analysis

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<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 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
Sample ID (AGAT ID)									
E5577171 (5552342)	2.2	0.013	0.11	1.92	29.5	0.06	6.08	83.5	2.2
E5577172 (5552343)	4.4	0.012	0.09	2.28	26.1	0.07	5.88	92.5	1.0
E5577173 (5552344)	3.2	0.016	0.07	0.82	27.4	0.08	13.2	108	3.0
E5577174 (5552345)	2.6	0.019	0.11	1.42	37.0	0.17	15.4	95.0	2.7
E5577175 (5552346)	1.4	0.160	0.06	0.36	61.2	0.53	7.60	41.6	6.5
E5577176 (5552347)	6.7	0.027	0.10	1.51	38.8	0.12	21.1	115	6.9
E5577177 (5552349)	6.6	0.017	0.12	2.09	41.1	0.09	23.1	92.0	7.4
E5577178 (5552350)	4.5	0.009	0.12	2.59	30.9	<0.05	21.9	108	5.6
E5577179 (5552351)	7.1	0.015	0.12	1.36	32.7	0.11	20.3	85.9	6.9
E5269757 (5552352)	3.3	0.020	0.14	0.38	95.6	0.05	34.0	104	2.2
E5269758 (5552353)	3.6	0.018	0.17	0.37	113	0.05	31.8	112	2.3
E5269759 (5552354)	1.8	0.013	0.11	0.36	95.5	0.06	22.4	87.9	0.8
E5272060 (5552355)	1.7	0.017	0.16	0.44	76.7	0.10	15.5	80.8	1.1
E5272061 (5552356)	2.1	0.015	0.15	0.50	90.4	0.07	42.7	104	2.2
E5272062 (5552357)	3.3	0.008	0.19	0.61	43.9	0.05	35.4	100	2.5
E5272063 (5552359)	2.3	0.014	0.14	0.69	47.0	0.10	27.1	105	2.8
E5272064 (5552360)	3.0	0.014	0.13	0.70	41.4	0.07	30.2	112	5.8
E5272065 (5552361)	6.5	0.010	0.16	0.64	48.8	0.10	30.5	107	5.0
E5272066 (5552362)	1.1	0.039	0.11	0.61	60.7	0.41	3.61	76.1	<0.5
E5272067 (5552363)	1.6	0.024	0.11	0.58	62.9	0.20	9.20	92.9	<0.5
E5272068 (5552364)	3.4	0.006	0.11	0.41	50.6	0.06	8.50	93.5	1.5
E5272069 (5552365)	2.5	0.022	0.13	0.95	49.6	0.16	19.9	83.9	2.9
E5272070 (5552366)	2.0	0.026	0.14	0.57	77.7	0.19	14.0	87.6	0.9
E5272071 (5552367)	3.1	0.021	0.13	0.80	92.3	0.15	47.6	101	1.4
E5272072 (5552368)	2.9	0.015	0.13	0.48	86.9	0.07	43.0	96.6	2.3
E5272073 (5552369)	0.6	0.014	0.13	0.43	68.0	0.06	6.45	57.9	0.6
E5272074 (5552370)	2.2	0.015	0.12	0.31	87.9	<0.05	27.8	95.2	1.6
E5272075 (5552371)	1.2	0.154	0.06	0.29	62.1	0.41	7.50	43.8	6.3
E5272076 (5552372)	2.9	0.015	0.12	0.45	86.2	0.07	25.5	97.9	3.4
E5272077 (5552373)	2.0	0.024	0.11	0.51	64.7	0.09	27.7	80.8	4.1
E5272078 (5552374)	3.0	0.017	0.08	0.42	82.1	0.06	30.6	104	1.6
E5272079 (5552375)	1.3	0.016	0.12	0.54	78.3	0.11	21.9	74.3	1.5

Certified By:

*Y. Chen*



# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y861107

PROJECT NO: KTL-14514-YT

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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<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 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
Sample ID (AGAT ID)									
E5272080 (5552376)	4.1	<0.005	0.05	0.39	136	0.25	65.3	118	1.0
E5272081 (5552377)	5.4	0.012	0.12	1.10	64.4	0.24	35.4	126	4.4
E5272082 (5552378)	3.7	0.012	0.18	1.15	38.5	0.08	26.7	95.8	9.0
E5272083 (5552379)	3.4	<0.005	0.12	0.54	22.7	0.06	24.6	92.1	6.7
E5272084 (5552380)	0.9	0.023	0.11	0.66	57.2	0.20	12.1	81.3	<0.5
E5272085 (5552381)	4.2	0.010	0.15	1.58	37.9	0.06	43.4	109	8.8
E5272086 (5552382)	2.3	0.015	0.11	1.09	32.5	0.06	24.9	98.3	5.9
E5272087 (5552383)	4.4	0.020	0.09	0.57	52.0	0.07	16.9	92.1	3.9
E5272088 (5552384)	2.9	0.010	0.10	0.91	35.2	0.06	27.2	84.7	4.6
E5272089 (5552385)	4.7	0.011	0.15	0.90	46.0	0.06	24.2	110	7.0
E5272090 (5552386)	2.6	0.013	0.11	1.46	36.2	0.07	30.0	82.0	5.1
E5272091 (5552387)	4.2	0.009	0.16	0.54	33.4	<0.05	29.1	122	8.4
E5578210 (5552388)	1.8	0.023	0.13	0.52	74.0	0.25	7.23	74.7	0.7
E5578211 (5552389)	1.7	0.015	0.10	1.19	66.1	0.18	36.1	173	3.8
E5578212 (5552390)	1.7	0.034	0.11	0.50	60.7	0.24	4.06	112	<0.5
E5578213 (5552391)	2.4	0.017	0.12	1.00	47.2	0.16	24.7	89.5	3.2
E5578214 (5552392)	2.4	0.020	0.14	1.09	46.0	0.16	22.2	95.2	2.6
E5578215 (5552393)	3.6	0.006	0.12	0.62	22.2	<0.05	30.4	162	6.0
E5578216 (5552394)	5.8	<0.005	0.10	0.54	19.1	<0.05	14.6	105	5.1
E5578217 (5552395)	3.8	0.007	0.12	0.55	20.6	0.06	18.7	114	2.7
E5578218 (5552396)	2.9	0.005	0.15	0.62	19.8	0.09	32.8	143	3.5
E5578219 (5552397)	3.0	0.008	0.13	0.89	23.9	0.07	34.2	135	4.7
E5578220 (5552398)	3.9	0.016	0.18	1.37	59.3	0.14	42.9	95.0	5.0
E5578221 (5552399)	6.7	0.005	0.15	0.83	28.6	0.05	19.7	79.5	5.9
E5578222 (5552400)	6.6	0.007	0.12	0.76	35.0	0.09	19.4	96.3	5.9
E5578223 (5552401)	4.6	0.016	0.09	0.72	43.6	0.10	21.0	86.7	4.0
E5578224 (5552402)	5.0	0.008	0.10	0.97	30.3	0.07	19.0	80.3	4.9
E5578225 (5552404)	4.7	0.008	0.09	1.01	30.2	0.13	19.3	79.1	4.9
E5578226 (5552405)	4.7	0.006	0.09	0.78	28.7	0.13	18.1	83.1	4.8
E5578227 (5552406)	6.8	0.005	0.11	0.57	31.8	0.11	12.5	90.4	3.4
E5578228 (5552407)	3.5	0.015	0.14	1.50	43.0	0.15	22.5	92.7	3.9
E5578229 (5552408)	3.4	0.008	0.13	1.31	35.7	0.09	29.6	108	3.9

Certified By:

*Y. Chen*



# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y861107

PROJECT NO: KTL-14514-YT

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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<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 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
Sample ID (AGAT ID)									
E5578230 (5552409)	3.7	0.010	0.14	1.48	41.5	0.09	35.0	99.1	5.3
E5578231 (5552410)	4.3	0.015	0.15	0.86	40.6	0.54	29.5	149	3.1
E5578232 (5552411)	5.6	0.010	0.14	0.72	30.2	0.07	29.0	135	5.5
E5578233 (5552412)	4.4	0.011	0.13	0.84	36.6	0.12	27.9	94.7	3.8
E5578234 (5552414)	4.3	0.008	0.15	0.94	35.2	0.11	33.8	136	4.1
E5578235 (5552416)	3.6	0.010	0.13	2.01	39.5	0.27	27.2	118	4.1
E5578236 (5552417)	3.0	0.013	0.10	0.53	71.1	0.20	20.9	97.7	1.1
E5578237 (5552418)	3.0	0.025	0.10	1.12	47.8	0.21	22.3	86.3	1.9
E5578238 (5552419)	6.0	0.014	0.15	0.65	40.9	0.18	23.5	144	2.3
E5578239 (5552421)	1.6	0.026	0.17	0.81	50.4	0.24	8.53	84.9	0.8
E5578240 (5552422)	3.0	0.020	0.11	1.32	39.3	0.15	22.2	85.7	3.6
E5578241 (5552423)	1.7	0.036	0.15	0.70	52.9	0.33	7.10	96.3	0.9
E5578242 (5552424)	4.8	0.016	0.13	0.81	41.1	0.14	21.0	107	4.2
E5578910 (5552425)	6.4	0.009	0.17	0.93	39.5	0.32	25.9	122	7.2
E5578911 (5552426)	5.3	0.007	0.12	0.82	40.8	0.23	22.3	110	4.4
E5578912 (5552427)	3.6	0.007	0.11	0.47	63.7	0.21	12.2	94.0	2.0
E5578913 (5552428)	3.8	0.008	0.09	0.72	53.2	0.27	24.4	106	3.3
E5578914 (5552429)	4.9	<0.005	0.09	0.59	40.1	0.13	19.0	89.7	5.0
E5578915 (5552430)	5.3	0.006	0.11	0.91	36.6	0.14	23.3	117	5.3
E5578916 (5552431)	5.1	0.007	0.14	0.90	31.0	0.06	33.2	162	6.7
E5578917 (5552432)	5.0	0.009	0.13	0.93	37.2	0.16	25.6	110	5.7
E5578918 (5552433)	4.0	0.006	0.10	0.93	65.6	0.14	13.1	88.0	1.9
E5578919 (5552434)	4.4	0.015	0.14	1.80	44.7	0.18	23.9	89.8	4.0
E5578920 (5552435)	6.2	0.011	0.11	1.17	57.9	0.16	13.6	96.3	2.7
E5578921 (5552436)	5.2	0.014	0.11	0.88	53.2	0.24	10.1	94.3	1.8
E5578922 (5552437)	5.4	0.017	0.13	1.63	47.6	0.24	26.0	106	3.2
E5578923 (5552438)	6.3	0.009	0.17	1.76	34.2	0.10	31.1	128	9.2
E5578924 (5552439)	4.6	0.014	0.11	0.93	29.2	0.15	21.3	94.5	3.7
E5578925 (5552440)	4.3	0.013	0.11	0.91	27.2	0.12	21.4	92.7	3.9
E5578926 (5552441)	4.0	0.008	0.17	1.46	27.5	0.06	49.9	234	4.5
E5578927 (5552442)	2.5	0.009	0.14	0.95	23.6	0.08	36.6	168	3.0
E5578928 (5552443)	4.7	0.007	0.12	0.77	24.4	0.06	25.7	129	5.4

Certified By:



**AGAT** Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y861107

PROJECT NO: KTL-14514-YT

5623 McADAM ROAD  
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<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 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
Sample ID (AGAT ID)									
E5578929 (5552444)	4.9	<0.005	0.08	0.45	14.7	0.05	12.6	83.1	3.1
E5578930 (5552445)	2.1	0.019	0.16	0.51	52.6	0.23	4.21	61.1	0.8
E5578931 (5552446)	3.1	0.010	0.10	1.40	64.1	0.15	13.4	109	2.4
E5578932 (5552447)	4.4	0.008	0.12	0.74	50.3	0.13	11.6	90.6	3.1
E5578933 (5552448)	9.1	0.010	0.09	1.47	24.2	0.06	25.3	110	9.1
E5578934 (5552449)	11.9	0.008	0.13	1.20	24.0	<0.05	18.7	119	6.4
E5578935 (5552450)	13.5	0.007	0.11	1.25	20.7	<0.05	17.6	108	8.3
E5578936 (5552451)	8.3	0.008	0.09	1.54	23.8	<0.05	20.3	112	4.6
E5578937 (5552452)	9.3	0.007	0.09	1.37	22.4	<0.05	23.7	99.8	6.1
E5578938 (5552453)	4.3	0.009	0.13	1.41	27.4	0.07	13.2	87.5	2.6
E5578939 (5552454)	15.2	0.005	0.20	1.31	23.9	0.05	21.1	132	12.5
E5578940 (5552455)	9.1	0.007	0.08	1.15	21.3	<0.05	23.1	102	7.3
E5578941 (5552456)	6.9	0.011	0.08	1.52	24.3	0.07	25.2	100	7.3
E5578942 (5552457)	5.1	0.010	0.10	1.57	24.5	0.08	24.7	90.0	5.3
E5578943 (5552458)	7.3	0.010	0.13	1.75	23.8	0.05	27.7	97.2	6.2
E5578944 (5555733)	9.3	0.005	0.09	1.82	20.8	<0.05	32.3	123	7.2

Comments: RDL - Reported Detection Limit

Certified By:



**AGAT** Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y861107

PROJECT NO: KTL-14514-YT

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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<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 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

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

E5577127 (5552174)	0.009
E5577128 (5552175)	0.010
E5577129 (5552176)	0.005
E5577130 (5552177)	0.009
E5577131 (5552178)	0.007
E5577132 (5552179)	0.002
E5577133 (5552180)	0.005
E5577134 (5552181)	0.023
E5577135 (5552182)	0.004
E5577136 (5552183)	0.003
E5577137 (5552184)	0.004
E5577138 (5552185)	0.003
E5577139 (5552186)	0.003
E5577140 (5552187)	0.004
E5577141 (5552188)	0.004
E5577142 (5552189)	0.001
E5577143 (5552190)	0.004
E5577144 (5552191)	0.003
E5577145 (5552192)	0.004
E5577146 (5552193)	0.005
E5577147 (5552194)	0.009
E5577148 (5552195)	0.007
E5577149 (5552196)	0.004
E5577150 (5552197)	0.119
E5577151 (5552198)	0.006
E5577152 (5552199)	0.012
E5577153 (5552200)	0.010
E5577154 (5552201)	0.005
E5577155 (5552202)	0.007
E5577156 (5552203)	0.006
E5577157 (5552204)	0.009
E5577158 (5552205)	0.010

Certified By:



**AGAT** Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y861107

PROJECT NO: KTL-14514-YT

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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<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 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Analyte:	Au
Unit:	ppm
RDL:	0.001

Sample ID (AGAT ID)	
E5577159 (5552206)	0.013
E5578461 (5552207)	0.070
E5578462 (5552208)	0.012
E5578463 (5552209)	0.007
E5578464 (5552210)	0.018
E5578465 (5552211)	0.022
E5578466 (5552212)	0.015
E5578467 (5552213)	0.007
E5578468 (5552214)	0.013
E5578469 (5552215)	0.007
E5578470 (5552216)	0.008
E5578471 (5552217)	0.005
E5578475 (5552218)	0.007
E5578477 (5552219)	0.013
E5578478 (5552220)	0.007
E5578479 (5552221)	0.006
E5578480 (5552222)	0.009
E5578481 (5552223)	0.005
E5578482 (5552224)	0.005
E5578483 (5552225)	0.007
E5578484 (5552226)	0.004
E5578485 (5552227)	0.004
E5578486 (5552228)	0.003
E5578487 (5552230)	0.005
E5578488 (5552231)	0.008
E5578489 (5552232)	0.004
E5578490 (5552233)	0.005
E5578491 (5552234)	0.003
E5578492 (5552235)	0.004
E5578493 (5552236)	0.004
E5578494 (5552237)	0.005
E5578495 (5552238)	0.025

Certified By:



**AGAT** Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y861107

PROJECT NO: KTL-14514-YT

5623 McADAM ROAD  
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<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 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Analyte:	Au
Unit:	ppm
RDL:	0.001

Sample ID (AGAT ID)	
E5578496 (5552239)	0.004
E5577460 (5552240)	0.004
E5577461 (5552241)	0.017
E5577462 (5552242)	0.019
E5577463 (5552243)	0.044
E5577464 (5552244)	0.051
E5577465 (5552245)	0.009
E5577466 (5552246)	0.016
E5577467 (5552247)	0.055
E5577468 (5552248)	0.061
E5577469 (5552249)	0.050
E5577470 (5552250)	0.037
E5577471 (5552251)	0.035
E5577472 (5552252)	0.010
E5577473 (5552253)	0.021
E5577474 (5552254)	0.010
E5577475 (5552255)	0.005
E5577476 (5552256)	0.006
E5577477 (5552257)	0.029
E5577478 (5552259)	0.041
E5577479 (5552260)	0.038
E5577480 (5552261)	0.014
E5577481 (5552262)	0.013
E5577482 (5552263)	0.004
E5577483 (5552264)	0.071
E5577484 (5552265)	0.006
E5577485 (5552266)	0.006
E5577486 (5552267)	0.048
E5577487 (5552268)	0.004
E5577488 (5552269)	0.004
E5577489 (5552270)	0.011
E5577490 (5552271)	0.003

Certified By:





**AGAT** Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y861107

PROJECT NO: KTL-14514-YT

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

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Analyte:	Au
Unit:	ppm
RDL:	0.001

Sample ID (AGAT ID)	
E5577491 (5552273)	0.012
E5577492 (5552274)	0.006
E5577493 (5552275)	0.005
E5577494 (5552276)	0.010
E5272179 (5552277)	0.021
E5272180 (5552278)	0.019
E5272181 (5552280)	0.020
E5272182 (5552281)	0.020
E5272183 (5552282)	0.018
E5272184 (5552283)	0.011
E5272185 (5552284)	0.010
E5272186 (5552285)	0.009
E5272187 (5552286)	0.017
E5272188 (5552287)	0.010
E5272189 (5552288)	0.009
E5272190 (5552289)	0.022
E5272191 (5552290)	0.075
E5272192 (5552291)	0.019
E5272193 (5552292)	0.006
E5272194 (5552293)	0.005
E5272195 (5552294)	0.011
E5272196 (5552295)	0.008
E5272197 (5552296)	0.005
E5272198 (5552297)	0.006
E5272199 (5552298)	0.006
E5272200 (5552299)	0.037
E5272201 (5552300)	0.009
E5272202 (5552301)	0.006
E5272203 (5552302)	0.006
E5272204 (5552303)	0.084
E5272205 (5552304)	0.010
E5272206 (5552305)	0.009

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## Certificate of Analysis

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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 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

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

E5272207 (5552306)	0.015
E5272208 (5552307)	0.018
E5272209 (5552308)	0.013
E5272092 (5552310)	0.006
E5272093 (5552311)	0.007
E5272094 (5552312)	0.020
E5272095 (5552313)	0.008
E5272096 (5552315)	0.017
E5272097 (5552316)	0.011
E5272098 (5552317)	0.106
E5272099 (5552318)	0.025
E5272100 (5552319)	0.034
E5272101 (5552320)	0.006
E5272102 (5552321)	0.005
E5272103 (5552322)	0.007
E5272104 (5552324)	0.015
E5272105 (5552325)	0.064
E5272106 (5552326)	0.006
E5272107 (5552327)	0.047
E5272108 (5552328)	0.033
E5272109 (5552329)	0.024
E5577160 (5552330)	0.041
E5577161 (5552331)	0.009
E5577162 (5552333)	0.017
E5577163 (5552334)	0.012
E5577164 (5552335)	0.023
E5577165 (5552336)	0.008
E5577166 (5552337)	0.007
E5577167 (5552338)	0.011
E5577168 (5552339)	0.023
E5577169 (5552340)	0.004
E5577170 (5552341)	0.002

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## Certificate of Analysis

AGAT WORK ORDER: 14Y861107

PROJECT NO: KTL-14514-YT

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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 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Analyte:	Au
Unit:	ppm
RDL:	0.001

Sample ID (AGAT ID)	
E5577171 (5552342)	0.003
E5577172 (5552343)	0.004
E5577173 (5552344)	0.004
E5577174 (5552345)	0.005
E5577175 (5552346)	0.004
E5577176 (5552347)	0.008
E5577177 (5552349)	0.012
E5577178 (5552350)	0.005
E5577179 (5552351)	0.004
E5269757 (5552352)	0.063
E5269758 (5552353)	0.055
E5269759 (5552354)	0.016
E5272060 (5552355)	0.009
E5272061 (5552356)	0.029
E5272062 (5552357)	0.008
E5272063 (5552359)	0.010
E5272064 (5552360)	0.005
E5272065 (5552361)	0.013
E5272066 (5552362)	0.003
E5272067 (5552363)	0.025
E5272068 (5552364)	0.006
E5272069 (5552365)	0.005
E5272070 (5552366)	0.013
E5272071 (5552367)	0.034
E5272072 (5552368)	0.033
E5272073 (5552369)	0.027
E5272074 (5552370)	0.031
E5272075 (5552371)	0.005
E5272076 (5552372)	0.028
E5272077 (5552373)	0.024
E5272078 (5552374)	0.026
E5272079 (5552375)	0.013

Certified By:

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## Certificate of Analysis

AGAT WORK ORDER: 14Y861107

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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 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

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

E5272080 (5552376)	0.011
E5272081 (5552377)	0.016
E5272082 (5552378)	0.007
E5272083 (5552379)	0.006
E5272084 (5552380)	0.008
E5272085 (5552381)	0.008
E5272086 (5552382)	0.018
E5272087 (5552383)	0.009
E5272088 (5552384)	0.013
E5272089 (5552385)	0.012
E5272090 (5552386)	0.016
E5272091 (5552387)	0.010
E5578210 (5552388)	0.002
E5578211 (5552389)	0.004
E5578212 (5552390)	0.004
E5578213 (5552391)	0.010
E5578214 (5552392)	0.006
E5578215 (5552393)	0.017
E5578216 (5552394)	0.003
E5578217 (5552395)	0.003
E5578218 (5552396)	0.004
E5578219 (5552397)	0.003
E5578220 (5552398)	0.032
E5578221 (5552399)	0.005
E5578222 (5552400)	0.008
E5578223 (5552401)	0.028
E5578224 (5552402)	0.009
E5578225 (5552404)	0.007
E5578226 (5552405)	0.005
E5578227 (5552406)	0.008
E5578228 (5552407)	0.013
E5578229 (5552408)	0.010

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## Certificate of Analysis

AGAT WORK ORDER: 14Y861107

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5623 McADAM ROAD  
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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 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

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

E5578230 (5552409)	0.019
E5578231 (5552410)	0.008
E5578232 (5552411)	0.014
E5578233 (5552412)	0.016
E5578234 (5552414)	0.008
E5578235 (5552416)	0.010
E5578236 (5552417)	0.016
E5578237 (5552418)	0.010
E5578238 (5552419)	0.007
E5578239 (5552421)	0.011
E5578240 (5552422)	0.012
E5578241 (5552423)	0.008
E5578242 (5552424)	0.016
E5578910 (5552425)	0.008
E5578911 (5552426)	0.007
E5578912 (5552427)	0.016
E5578913 (5552428)	0.006
E5578914 (5552429)	0.009
E5578915 (5552430)	0.010
E5578916 (5552431)	0.005
E5578917 (5552432)	0.014
E5578918 (5552433)	0.007
E5578919 (5552434)	0.014
E5578920 (5552435)	0.032
E5578921 (5552436)	0.005
E5578922 (5552437)	0.009
E5578923 (5552438)	0.006
E5578924 (5552439)	0.004
E5578925 (5552440)	0.003
E5578926 (5552441)	0.006
E5578927 (5552442)	0.030
E5578928 (5552443)	0.004

Certified By:

*Y. Chen*



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## Certificate of Analysis

AGAT WORK ORDER: 14Y861107

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TEL (905)501-9998  
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<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 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

	Analyte:	Au
	Unit:	ppm
Sample ID (AGAT ID)	RDL:	0.001
E5578929 (5552444)		0.003
E5578930 (5552445)		0.003
E5578931 (5552446)		0.005
E5578932 (5552447)		0.007
E5578933 (5552448)		0.003
E5578934 (5552449)		0.004
E5578935 (5552450)		0.006
E5578936 (5552451)		0.005
E5578937 (5552452)		0.006
E5578938 (5552453)		0.006
E5578939 (5552454)		0.003
E5578940 (5552455)		0.003
E5578941 (5552456)		0.003
E5578942 (5552457)		0.008
E5578943 (5552458)		0.006
E5578944 (5555733)		0.004

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	5552193	0.10	0.14		5552216	0.186	0.183	1.6%	5552226	0.07	0.06	15.4%	5552247	0.27	0.29	7.1%
Al	5552193	1.56	1.56	0.0%	5552216	1.47	1.51	2.7%	5552226	1.71	1.74	1.7%	5552247	3.27	3.29	0.6%
As	5552193	24.3	25.6	5.2%	5552216	22.5	23.0	2.2%	5552226	12.7	12.7	0.0%	5552247	5.27	5.24	0.6%
B	5552193	< 5	< 5	0.0%	5552216	< 5	< 5	0.0%	5552226	5	< 5		5552247	< 5	< 5	0.0%
Ba	5552193	166	167	0.6%	5552216	174	177	1.7%	5552226	58	60	3.4%	5552247	499	501	0.4%
Be	5552193	0.839	0.846	0.8%	5552216	0.88	0.91	3.4%	5552226	0.412	0.431	4.5%	5552247	1.03	1.01	2.0%
Bi	5552193	0.38	0.39	2.6%	5552216	0.292	0.302	3.4%	5552226	0.28	0.27	3.6%	5552247	0.228	0.221	3.1%
Ca	5552193	0.95	0.95	0.0%	5552216	1.06	1.09	2.8%	5552226	0.11	0.11	0.0%	5552247	0.31	0.31	0.0%
Cd	5552193	0.32	0.33	3.1%	5552216	0.65	0.65	0.0%	5552226	0.334	0.324	3.0%	5552247	0.687	0.678	1.3%
Ce	5552193	53.9	53.2	1.3%	5552216	27.0	27.9	3.3%	5552226	35.8	34.6	3.4%	5552247	57.9	56.9	1.7%
Co	5552193	42.1	43.4	3.0%	5552216	18.1	18.9	4.3%	5552226	16.8	17.0	1.2%	5552247	59.5	59.6	0.2%
Cr	5552193	21.5	21.8	1.4%	5552216	25.2	25.5	1.2%	5552226	29.5	30.0	1.7%	5552247	55.0	56.7	3.0%
Cs	5552193	1.31	1.28	2.3%	5552216	1.81	1.94	6.9%	5552226	1.59	1.61	1.3%	5552247	9.28	9.35	0.8%
Cu	5552193	72.6	72.3	0.4%	5552216	85.5	86.6	1.3%	5552226	36.6	38.5	5.1%	5552247	300	301	0.3%
Fe	5552193	5.66	5.69	0.5%	5552216	5.73	5.87	2.4%	5552226	4.56	4.66	2.2%	5552247	5.93	5.95	0.3%
Ga	5552193	3.58	3.67	2.5%	5552216	3.68	3.74	1.6%	5552226	4.55	4.49	1.3%	5552247	9.97	9.98	0.1%
Ge	5552193	0.30	0.31	3.3%	5552216	0.27	0.26	3.8%	5552226	0.33	0.32	3.1%	5552247	0.35	0.36	2.8%
Hf	5552193	0.14	0.15	6.9%	5552216	0.107	0.101	5.8%	5552226	< 0.02	< 0.02	0.0%	5552247	0.07	0.07	0.0%
Hg	5552193	0.118	0.126	6.6%	5552216	0.15	0.15	0.0%	5552226	0.04	0.04	0.0%	5552247	0.097	0.106	8.9%
In	5552193	0.0444	0.0457	2.9%	5552216	0.052	0.052	0.0%	5552226	0.0277	0.0273	1.5%	5552247	0.051	0.050	2.0%
K	5552193	0.11	0.11	0.0%	5552216	0.08	0.08	0.0%	5552226	0.07	0.07	0.0%	5552247	0.06	0.06	0.0%
La	5552193	28.5	29.2	2.4%	5552216	9.82	9.92	1.0%	5552226	13.9	13.6	2.2%	5552247	24.0	24.0	0.0%
Li	5552193	15.6	15.6	0.0%	5552216	12.1	13.2	8.7%	5552226	20.2	20.9	3.4%	5552247	31.3	31.8	1.6%
Mg	5552193	0.740	0.757	2.3%	5552216	0.86	0.86	0.0%	5552226	0.584	0.608	4.0%	5552247	2.51	2.53	0.8%
Mn	5552193	3410	3480	2.0%	5552216	1040	1050	1.0%	5552226	840	860	2.4%	5552247	4400	4360	0.9%
Mo	5552193	1.39	1.46	4.9%	5552216	2.18	2.24	2.7%	5552226	1.19	1.17	1.7%	5552247	1.89	1.89	0.0%
Na	5552193	< 0.01	< 0.01	0.0%	5552216	< 0.01	< 0.01	0.0%	5552226	< 0.01	< 0.01	0.0%	5552247	0.01	0.01	0.0%
Nb	5552193	0.25	0.23	8.3%	5552216	0.22	0.22	0.0%	5552226	0.664	0.644	3.1%	5552247	0.38	0.37	2.7%
Ni	5552193	68.3	70.4	3.0%	5552216	32.2	32.2	0.0%	5552226	27.5	27.7	0.7%	5552247	47.8	48.8	2.1%
P	5552193	1070	1120	4.6%	5552216	732	688	6.2%	5552226	1150	1190	3.4%	5552247	1050	1030	1.9%
Pb	5552193	27.9	28.9	3.5%	5552216	29.5	30.3	2.7%	5552226	29.3	25.3	14.7%	5552247	28.5	27.4	3.9%





CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

Rb	5552193	4.8	4.8	0.0%	5552216	5.51	5.79	5.0%	5552226	8.1	8.1	0.0%	5552247	6.03	6.09	1.0%
Re	5552193	0.0013	0.0017	26.7%	5552216	0.001	0.001	0.0%	5552226	< 0.001	< 0.001	0.0%	5552247	0.001	0.001	0.0%
S	5552193	0.051	0.051	0.0%	5552216	0.0621	0.0640	3.0%	5552226	0.023	0.024	4.3%	5552247	0.032	0.033	3.1%
Sb	5552193	0.75	0.77	2.6%	5552216	1.41	1.38	2.2%	5552226	0.602	0.610	1.3%	5552247	0.439	0.422	3.9%
Sc	5552193	7.27	7.86	7.8%	5552216	13.4	13.9	3.7%	5552226	2.4	2.4	0.0%	5552247	19.6	20.0	2.0%
Se	5552193	0.9	0.9	0.0%	5552216	1.0	1.0	0.0%	5552226	0.4	0.4	0.0%	5552247	0.8	0.8	0.0%
Sn	5552193	0.20	0.26	26.1%	5552216	0.3	0.5		5552226	0.3	0.3	0.0%	5552247	0.3	0.3	0.0%
Sr	5552193	39.6	40.0	1.0%	5552216	15.1	15.4	2.0%	5552226	11.0	10.8	1.8%	5552247	17.2	17.4	1.2%
Ta	5552193	< 0.01	< 0.01	0.0%	5552216	< 0.01	< 0.01	0.0%	5552226	< 0.01	< 0.01	0.0%	5552247	< 0.01	< 0.01	0.0%
Te	5552193	0.11	0.11	0.0%	5552216	0.10	0.10	0.0%	5552226	0.059	0.053	10.7%	5552247	0.088	0.097	9.7%
Th	5552193	4.2	4.4	4.7%	5552216	3.3	3.5	5.9%	5552226	1.3	1.3	0.0%	5552247	3.9	4.2	7.4%
Ti	5552193	0.012	0.012	0.0%	5552216	0.008	0.008	0.0%	5552226	0.024	0.024	0.0%	5552247	0.032	0.032	0.0%
Tl	5552193	0.13	0.13	0.0%	5552216	0.13	0.13	0.0%	5552226	0.10	0.10	0.0%	5552247	0.15	0.15	0.0%
U	5552193	0.854	0.835	2.2%	5552216	0.433	0.450	3.9%	5552226	0.650	0.642	1.2%	5552247	0.48	0.48	0.0%
V	5552193	28.5	27.5	3.6%	5552216	44.2	44.9	1.6%	5552226	43.9	43.4	1.1%	5552247	116	115	0.9%
W	5552193	0.076	0.074	2.7%	5552216	< 0.05	< 0.05	0.0%	5552226	0.14	0.14	0.0%	5552247	0.071	0.079	10.7%
Y	5552193	29.8	30.9	3.6%	5552216	22.8	22.9	0.4%	5552226	4.57	4.63	1.3%	5552247	28.0	28.3	1.1%
Zn	5552193	136	138	1.5%	5552216	81.2	80.5	0.9%	5552226	94.1	97.1	3.1%	5552247	98.7	100	1.3%
Zr	5552193	4.4	4.8	8.7%	5552216	2.7	2.7	0.0%	5552226	< 0.5	< 0.5	0.0%	5552247	1.5	1.5	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	5552263	0.12	0.28		5552284	0.07	0.11		5552322	0.111	0.101	9.4%	5552344	0.08	0.05	
Al	5552395	0.58	0.57	1.7%	5552404	1.22	1.23	0.8%	5552426	1.22	1.21	0.8%	5555733	1.66	1.64	1.2%
As	5552263	30.5	29.8	2.3%	5552284	16.1	16.1	0.0%	5552322	12.9	12.5	3.1%	5552344	9.5	9.5	0.0%
B	5552263	< 5	< 5	0.0%	5552284	< 5	< 5	0.0%	5552322	6	6	0.0%	5552344	< 5	< 5	0.0%
Ba	5552395	96	96	0.0%	5552404	92	91	1.1%	5552426	100	100	0.0%	5555733	54	52	3.8%
Be	5552263	0.855	0.791	7.8%	5552284	0.852	0.897	5.1%	5552322	0.76	0.76	0.0%	5552344	0.87	0.86	1.2%
Bi	5552263	0.30	0.29	3.4%	5552284	0.309	0.304	1.6%	5552322	0.243	0.249	2.4%	5552344	0.27	0.27	0.0%
Ca	5552395	4.77	4.74	0.6%	5552404	0.375	0.375	0.0%	5552426	0.602	0.594	1.3%	5555733	0.676	0.667	1.3%
Cd	5552263	0.46	0.46	0.0%	5552284	0.407	0.380	6.9%	5552322	0.35	0.35	0.0%	5552344	0.18	0.18	0.0%
Ce	5552263	49.1	47.7	2.9%	5552284	55.1	51.0	7.7%	5552322	37.6	39.1	3.9%	5552344	34.5	35.0	1.4%
Co	5552263	17.9	17.9	0.0%	5552284	46.4	47.9	3.2%	5552322	20.9	20.6	1.4%	5552344	10.9	10.8	0.9%
Cr	5552395	8.44	9.08	7.3%	5552404	18.5	18.5	0.0%	5552426	19.4	19.7	1.5%	5555733	22.4	21.5	4.1%
Cs	5552263	2.91	2.80	3.9%	5552284	3.72	3.66	1.6%	5552322	2.43	2.49	2.4%	5552344	1.16	1.09	6.2%



CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

Cu	5552395	38.2	38.1	0.3%	5552404	81.0	79.1	2.4%	5552426	102	103	1.0%	5555733	56.4	55.0	2.5%
Fe	5552395	3.59	3.59	0.0%	5552404	4.15	4.15	0.0%	5552426	5.34	5.26	1.5%	5555733	5.58	5.47	2.0%
Ga	5552263	2.01	1.97	2.0%	5552284	6.67	6.70	0.4%	5552322	3.15	3.14	0.3%	5552344	3.62	3.56	1.7%
Ge	5552263	0.35	0.36	2.8%	5552284	0.34	0.34	0.0%	5552322	0.27	0.28	3.6%	5552344	0.252	0.277	9.5%
Hf	5552263	0.13	0.10	26.1%	5552284	0.09	0.09	0.0%	5552322	0.20	0.15	28.6%	5552344	0.101	0.108	6.7%
Hg	5552263	0.487	0.484	0.6%	5552284	0.11	0.11	0.0%	5552322	0.09	0.07	25.0%	5552344	0.02	0.03	
In	5552263	0.083	0.083	0.0%	5552284	0.0363	0.0379	4.3%	5552322	0.0641	0.0623	2.8%	5552344	0.033	0.034	3.0%
K	5552395	0.05	0.05	0.0%	5552404	0.06	0.06	0.0%	5552426	0.06	0.06	0.0%	5555733	0.07	0.07	0.0%
La	5552263	15.7	15.2	3.2%	5552284	24.8	18.0		5552322	12.0	12.5	4.1%	5552344	9.03	9.18	1.6%
Li	5552263	4.86	4.85	0.2%	5552284	27.5	29.0	5.3%	5552322	17.1	17.1	0.0%	5552344	44.3	42.1	5.1%
Mg	5552395	2.81	2.75	2.2%	5552404	0.68	0.67	1.5%	5552426	0.70	0.70	0.0%	5555733	0.50	0.49	2.0%
Mn	5552395	1350	1380	2.2%	5552404	607	600	1.2%	5552426	569	571	0.4%	5555733	1480	1430	3.4%
Mo	5552263	1.00	1.02	2.0%	5552284	1.66	1.76	5.8%	5552322	0.961	0.980	2.0%	5552344	0.941	0.967	2.7%
Na	5552395	< 0.01	< 0.01	0.0%	5552404	< 0.01	< 0.01	0.0%	5552426	< 0.01	< 0.01	0.0%	5555733	< 0.01	< 0.01	0.0%
Nb	5552263	0.30	0.29	3.4%	5552284	< 0.05	< 0.05	0.0%	5552322	0.22	0.19	14.6%	5552344	0.41	0.39	5.0%
Ni	5552395	19.7	19.9	1.0%	5552404	27.3	26.4	3.4%	5552426	29.3	29.1	0.7%	5555733	45.8	43.6	4.9%
P	5552395	658	627	4.8%	5552404	700	684	2.3%	5552426	857	886	3.3%	5555733	1400	1330	5.1%
Pb	5552263	38.2	37.3	2.4%	5552284	32.2	32.7	1.5%	5552322	28.9	28.5	1.4%	5552344	17.0	17.3	1.7%
Rb	5552263	5.19	5.14	1.0%	5552284	3.6	3.6	0.0%	5552322	4.4	4.4	0.0%	5552344	6.50	6.13	5.9%
Re	5552263	0.003	0.003	0.0%	5552284	0.001	0.001	0.0%	5552322	0.001	0.001	0.0%	5552344	0.001	< 0.001	
S	5552395	0.0376	0.0369	1.9%	5552404	0.0376	0.0357	5.2%	5552426	0.047	0.046	2.2%	5555733	0.040	0.041	2.5%
Sb	5552263	5.34	5.35	0.2%	5552284	1.04	1.01	2.9%	5552322	0.75	0.75	0.0%	5552344	0.59	0.60	1.7%
Sc	5552263	8.8	8.6	2.3%	5552284	7.54	7.92	4.9%	5552322	8.20	8.01	2.3%	5552344	4.92	4.72	4.1%
Se	5552263	1.44	1.48	2.7%	5552284	0.81	0.90	10.5%	5552322	1.0	1.0	0.0%	5552344	0.74	0.79	6.5%
Sn	5552263	0.2	0.2	0.0%	5552284	0.2	0.2	0.0%	5552322	0.2	0.2	0.0%	5552344	0.25	0.26	3.9%
Sr	5552263	13.5	13.4	0.7%	5552284	12.2	12.5	2.4%	5552322	33.0	32.4	1.8%	5552344	13.4	13.4	0.0%
Ta	5552263	< 0.01	< 0.01	0.0%	5552284	< 0.01	< 0.01	0.0%	5552322	< 0.01	< 0.01	0.0%	5552344	< 0.01	< 0.01	0.0%
Te	5552263	0.11	0.07		5552284	0.166	0.141	16.3%	5552322	0.05	0.05	0.0%	5552344	0.051	0.043	17.0%
Th	5552263	4.1	4.1	0.0%	5552284	5.1	5.3	3.8%	5552322	4.9	4.9	0.0%	5552344	3.2	2.9	9.8%
Ti	5552395	0.007	0.007	0.0%	5552404	0.008	0.008	0.0%	5552426	0.007	0.007	0.0%	5555733	0.005	0.005	0.0%
Tl	5552263	0.19	0.19	0.0%	5552284	0.097	0.091	6.4%	5552322	0.19	0.19	0.0%	5552344	0.07	0.07	0.0%
U	5552263	1.35	1.31	3.0%	5552284	0.574	0.576	0.3%	5552322	0.63	0.62	1.6%	5552344	0.82	0.84	2.4%
V	5552395	20.6	20.9	1.4%	5552404	30.2	29.6	2.0%	5552426	40.8	37.1	9.5%	5555733	20.8	19.7	5.4%
W	5552263	0.528	0.514	2.7%	5552284	< 0.05	< 0.05	0.0%	5552322	0.159	0.130	20.1%	5552344	0.08	0.09	11.8%



CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

Y	5552263	61.1	58.8	3.8%	5552284	13.1	13.2	0.8%	5552322	24.8	24.2	2.4%	5552344	13.2	13.4	1.5%
Zn	5552395	114	116	1.7%	5552404	79.1	78.6	0.6%	5552426	110	112	1.8%	5555733	123	121	1.6%
Zr	5552263	2.5	2.2	12.8%	5552284	5.3	5.8	9.0%	5552322	5.0	4.6	8.3%	5552344	3.03	3.08	1.6%
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
Ag	5552374	0.15	0.14	6.9%	5552395	0.18	0.19	5.4%	5552404	0.17	0.20	16.2%	5552426	0.15	0.19	23.5%
As	5552374	5.4	5.8	7.1%	5552395	13.8	13.7	0.7%	5552404	19.4	19.2	1.0%	5552426	28.8	28.7	0.3%
B	5552374	< 5	< 5	0.0%	5552395	5	5	0.0%	5552404	< 5	< 5	0.0%	5552426	< 5	< 5	0.0%
Be	5552374	0.97	1.00	3.0%	5552395	0.645	0.633	1.9%	5552404	0.921	0.947	2.8%	5552426	0.942	0.977	3.6%
Bi	5552374	0.25	0.25	0.0%	5552395	0.26	0.26	0.0%	5552404	0.314	0.322	2.5%	5552426	0.370	0.376	1.6%
Cd	5552374	0.375	0.388	3.4%	5552395	0.42	0.42	0.0%	5552404	0.22	0.22	0.0%	5552426	0.252	0.281	10.9%
Ce	5552374	60.6	58.9	2.8%	5552395	22.5	21.8	3.2%	5552404	32.0	31.0	3.2%	5552426	36.9	37.8	2.4%
Co	5552374	44.7	46.3	3.5%	5552395	12.1	12.0	0.8%	5552404	17.7	17.7	0.0%	5552426	19.0	19.8	4.1%
Cs	5552374	2.26	2.14	5.5%	5552395	1.45	1.42	2.1%	5552404	4.47	4.49	0.4%	5552426	4.19	4.11	1.9%
Ga	5552374	7.99	8.29	3.7%	5552395	1.30	1.26	3.1%	5552404	3.64	3.59	1.4%	5552426	3.70	3.79	2.4%
Ge	5552374	0.326	0.319	2.2%	5552395	0.27	0.27	0.0%	5552404	0.416	0.407	2.2%	5552426	0.41	0.41	0.0%
Hf	5552374	0.062	0.072	14.9%	5552395	0.07	0.07	0.0%	5552404	0.296	0.221	29.0%	5552426	0.203	0.174	15.4%
Hg	5552374	0.146	0.117	22.1%	5552395	0.10	0.10	0.0%	5552404	0.06	0.07	15.4%	5552426	0.23	0.22	4.4%
In	5552374	0.041	0.042	2.4%	5552395	0.048	0.048	0.0%	5552404	0.0427	0.0410	4.1%	5552426	0.0595	0.0629	5.6%
La	5552374	28.5	27.4	3.9%	5552395	10.2	10.0	2.0%	5552404	12.3	12.3	0.0%	5552426	12.9	13.2	2.3%
Li	5552374	29.9	30.6	2.3%	5552395	7.5	7.6	1.3%	5552404	14.2	14.1	0.7%	5552426	13.2	13.5	2.2%
Mo	5552374	1.56	1.61	3.2%	5552395	2.13	2.16	1.4%	5552404	1.06	1.06	0.0%	5552426	1.31	1.32	0.8%
Nb	5552374	0.343	0.353	2.9%	5552395	0.148	0.145	2.0%	5552404	0.39	0.35	10.8%	5552426	0.34	0.31	9.2%
Pb	5552374	20.0	20.1	0.5%	5552395	52.1	52.7	1.1%	5552404	29.1	28.3	2.8%	5552426	39.0	40.0	2.5%
Rb	5552374	5.2	5.0	3.9%	5552395	3.79	3.70	2.4%	5552404	5.74	5.86	2.1%	5552426	6.3	6.1	3.2%
Re	5552374	0.002	0.002	0.0%	5552395	0.001	0.001	0.0%	5552404	0.002	0.002	0.0%	5552426	< 0.001	< 0.001	0.0%
Sb	5552374	0.462	0.392	16.4%	5552395	1.68	1.70	1.2%	5552404	1.24	1.24	0.0%	5552426	2.26	2.32	2.6%
Sc	5552374	14.3	15.0	4.8%	5552395	6.3	6.0	4.9%	5552404	7.64	7.90	3.3%	5552426	10.8	11.5	6.3%
Se	5552374	1.00	1.07	6.8%	5552395	0.83	0.89	7.0%	5552404	1.0	1.0	0.0%	5552426	1.0	1.1	9.5%
Sn	5552374	0.2	0.2	0.0%	5552395	< 0.2	< 0.2	0.0%	5552404	0.2	0.2	0.0%	5552426	0.3	0.3	0.0%
Sr	5552374	11.5	11.6	0.9%	5552395	21.6	21.1	2.3%	5552404	13.5	13.3	1.5%	5552426	14.7	14.6	0.7%
Ta	5552374	< 0.01	< 0.01	0.0%	5552395	< 0.01	< 0.01	0.0%	5552404	< 0.01	< 0.01	0.0%	5552426	< 0.01	< 0.01	0.0%
Te	5552374	0.13	0.15	14.3%	5552395	0.03	0.03	0.0%	5552404	0.13	0.12	8.0%	5552426	0.140	0.132	5.9%
Th	5552374	3.0	3.1	3.3%	5552395	3.8	3.6	5.4%	5552404	4.7	4.8	2.1%	5552426	5.3	5.6	5.5%



CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

TI	5552374	0.08	0.08	0.0%	5552395	0.12	0.12	0.0%	5552404	0.09	0.09	0.0%	5552426	0.12	0.12	0.0%
U	5552374	0.419	0.426	1.7%	5552395	0.553	0.567	2.5%	5552404	1.01	0.994	1.6%	5552426	0.821	0.827	0.7%
W	5552374	0.065	0.068	4.5%	5552395	0.06	0.07	15.4%	5552404	0.13	0.08		5552426	0.232	0.248	6.7%
Y	5552374	30.6	31.2	1.9%	5552395	18.7	18.6	0.5%	5552404	19.3	19.2	0.5%	5552426	22.3	22.2	0.4%
Zr	5552374	1.6	1.9	17.1%	5552395	2.7	2.4	11.8%	5552404	4.89	4.60	6.1%	5552426	4.4	4.4	0.0%
REPLICATE #13																
Parameter	Sample ID	Original	Replicate	RPD												
Ag	5555733	0.388	0.407	4.8%												
As	5555733	28.5	28.5	0.0%												
B	5555733	< 5	< 5	0.0%												
Be	5555733	1.02	1.04	1.9%												
Bi	5555733	0.51	0.50	2.0%												
Cd	5555733	0.18	0.18	0.0%												
Ce	5555733	61.5	58.9	4.3%												
Co	5555733	28.3	28.7	1.4%												
Cs	5555733	2.62	2.59	1.2%												
Ga	5555733	4.38	4.39	0.2%												
Ge	5555733	0.45	0.44	2.2%												
Hf	5555733	0.269	0.278	3.3%												
Hg	5555733	0.06	0.06	0.0%												
In	5555733	0.0473	0.0497	4.9%												
La	5555733	30.2	29.5	2.3%												
Li	5555733	36.7	37.6	2.4%												
Mo	5555733	1.17	1.20	2.5%												
Nb	5555733	0.22	0.22	0.0%												
Pb	5555733	56.8	56.5	0.5%												
Rb	5555733	5.11	5.19	1.6%												
Re	5555733	0.002	0.002	0.0%												
Sb	5555733	1.09	1.10	0.9%												
Sc	5555733	9.2	9.3	1.1%												
Se	5555733	0.83	0.88	5.8%												
Sn	5555733	< 0.2	< 0.2	0.0%												
Sr	5555733	56.1	56.9	1.4%												
Ta	5555733	< 0.01	< 0.01	0.0%												



CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

Te	5555733	0.10	0.07													
Th	5555733	9.3	9.4	1.1%												
Tl	5555733	0.09	0.09	0.0%												
U	5555733	1.82	1.82	0.0%												
W	5555733	< 0.05	< 0.05	0.0%												
Y	5555733	32.3	33.1	2.4%												
Zr	5555733	7.23	7.53	4.1%												

### (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		0.0035	0.0027	25.8%	5552201	0.005	0.005	0.0%	5552215	0.007	0.006	15.4%	5552228	0.003	0.004	28.6%
	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	5552242	0.019	0.020	5.1%	5552256	0.006	0.008	28.6%	5552269	0.0041	0.0034	18.7%	5552284	0.010	0.010	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	5552297	0.0057	0.0066	14.6%	5552311	0.008	0.006	28.6%	5552326	0.0055	0.0049	11.5%	5552341	0.0023	0.0028	19.6%
	REPLICATE #13				REPLICATE #14				REPLICATE #15				REPLICATE #16			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	5552355	0.009	0.008	11.8%	5552370	0.0307	0.0299	2.6%	5552382	0.019	0.009		5552395	0.003	0.003	0.0%
	REPLICATE #17				REPLICATE #18				REPLICATE #19				REPLICATE #20			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	5552410	0.0082	0.0086	4.8%	5552426	0.0074	0.0076	2.7%	5552439	0.004	0.004	0.0%	5552452	0.006	0.003	



CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

	CRM #1 (ref.CFRM-100)				CRM #2 (ref.CFRM-100)				CRM #3 (ref.CFRM-100)				CRM #4 (ref.CFRM-100)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Cu	3494	3487	100%	90% - 110%	3494	3587	103%	90% - 110%	3494	3555	102%	90% - 110%	3494	3510	100%	90% - 110%
Ni	2985	3050	102%	90% - 110%	2985	3143	105%	90% - 110%	2985	3104	104%	90% - 110%	2985	2963	99%	90% - 110%
	CRM #5 (ref.CFRM-100)				CRM #6 (ref.CFRM-100)				CRM #7 (ref.CFRM-100)				CRM #8 (ref.CFRM-100)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Cu	3494	3607	103%	90% - 110%	3494	3368	96%	90% - 110%	3494	3463	99%	90% - 110%	3494	3417	98%	90% - 110%
Ni	2985	3138	105%	90% - 110%	2985	2830	95%	90% - 110%	2985	2908	97%	90% - 110%	2985	2887	97%	90% - 110%
	CRM #9 (ref.CFRM-100)				CRM #10 (ref.CFRM-100)				CRM #11 (ref.CFRM-100)				CRM #12 (ref.CFRM-100)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Cu	3494	3428	98%	90% - 110%	3494	3444	99%	90% - 110%	3494	3283	94%	90% - 110%	3494	3448	99%	90% - 110%
Ni	2985	2792	94%	90% - 110%	2985	2948	99%	90% - 110%	2985	2669	89%	90% - 110%	2985	2834	95%	90% - 110%

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

	CRM #1 (1P5K)				CRM #2 (1P5K)				CRM #3 (GS6D)				CRM #4 (GSp7J)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	1.44	1.58	110%	90% - 110%	1.44	1.39	96%	90% - 110%	6.09	5.50	90%	90% - 110%	0.722	0.694	96%	90% - 110%
	CRM #5 (1P5K)				CRM #6 (GS6D)				CRM #7 (GSp7J)				CRM #8 (1P5K)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	1.44	1.48	102%	90% - 110%	6.09	6.69	110%	90% - 110%	0.722	0.726	101%	90% - 110%	1.44	1.55	108%	90% - 110%
	CRM #9 (GS6D)				CRM #10 (GSP7J)				CRM #11 (1P5K)				CRM #12 (GS6D)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	6.09	6.62	109%	90% - 110%	0.722	0.755	105%	90% - 110%	1.44	1.49	104%	90% - 110%	6.09	6.02	99%	90% - 110%
	CRM #13 (1P5K)				CRM #14 (GS6D)											
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Au	1.44	1.43	100%	90% - 110%	6.09	5.96	98%	90% - 110%								



## Method Summary

CLIENT NAME: AURORA GEOSCIENCES

AGAT WORK ORDER: 14Y861107

PROJECT NO: KTL-14514-YT

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
B	MIN-200-12017		ICP/OES
Ba	MIN-200-12017		ICP-MS
Be	MIN-200-12017		ICP-MS
Bi	MIN-200-12017		ICP-MS
Ca	MIN-200-12017		ICP/OES
Cd	MIN-200-12017		ICP-MS
Ce	MIN-200-12017		ICP-MS
Co	MIN-200-12017		ICP-MS
Cr	MIN-200-12017		ICP/OES
Cs	MIN-200-12017		ICP-MS
Cu	MIN-200-12017		ICP-MS
Fe	MIN-200-12017		ICP/OES
Ga	MIN-200-12017		ICP-MS
Ge	MIN-200-12017		ICP-MS
Hf	MIN-200-12017		ICP-MS
Hg	MIN-200-12017		ICP-MS
In	MIN-200-12017		ICP-MS
K	MIN-200-12017		ICP/OES
La	MIN-200-12017		ICP-MS
Li	MIN-200-12017		ICP-MS
Mg	MIN-200-12017		ICP/OES
Mn	MIN-200-12017		ICP/OES
Mo	MIN-200-12017		ICP-MS
Na	MIN-200-12017		ICP/OES
Nb	MIN-200-12017		ICP-MS
Ni	MIN-200-12017		ICP-MS
P	MIN-200-12017		ICP/OES
Pb	MIN-200-12017		ICP-MS
Rb	MIN-200-12017		ICP-MS
Re	MIN-200-12017		ICP-MS
S	MIN-200-12017		ICP/OES
Sb	MIN-200-12017		ICP-MS
Sc	MIN-200-12017		ICP-MS
Se	MIN-200-12017		ICP-MS
Sn	MIN-200-12017		ICP-MS
Sr	MIN-200-12017		ICP-MS
Ta	MIN-200-12017		ICP-MS
Te	MIN-200-12017		ICP-MS
Th	MIN-200-12017		ICP-MS
Ti	MIN-200-12017		ICP/OES
Tl	MIN-200-12017		ICP-MS
U	MIN-200-12017		ICP-MS
V	MIN-200-12017		ICP/OES
W	MIN-200-12017		ICP-MS
Y	MIN-200-12017		ICP-MS

## Method Summary

CLIENT NAME: AURORA GEOSCIENCES

AGAT WORK ORDER: 14Y861107

PROJECT NO: KTL-14514-YT

ATTENTION TO: DAVE WHITE, GABE FORTIN

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
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