

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

ATTENTION TO: DAVE WHITE

PROJECT NO:

AGAT WORK ORDER: 13Y738870

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Analyst

DATE REPORTED: Aug 28, 2013

PAGES (INCLUDING COVER): 44

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

***NOTES**



Certificate of Analysis

AGAT WORK ORDER: 13Y738870

PROJECT NO:

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

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Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Jul 22, 2013

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SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.01	0.1	0.01	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5
Sample ID (AGAT ID)														
E5633712 (4573816)	0.93	0.12	1.12	15.5	<0.01	<5	29	0.82	0.30	0.73	0.08	17.0	15.1	14.1
E5633713 (4573817)	1.15	0.13	1.09	13.0	<0.01	<5	28	0.77	0.30	0.90	0.09	16.1	14.9	13.2
E5633715 (4573818)	1.13	0.67	1.91	32.2	<0.01	<5	57	1.50	0.61	0.47	0.21	27.1	41.5	26.0
E5633717 (4573819)	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC
E5633719 (4573820)	0.55	0.23	1.32	18.8	<0.01	<5	44	0.83	0.37	0.64	0.16	29.6	19.3	20.2
E5633720 (4573821)	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC
E5633721 (4573822)	0.61	0.25	1.32	17.4	<0.01	<5	56	1.00	0.31	0.88	0.22	24.3	18.4	23.9
E5633722 (4573823)	0.81	0.25	1.31	18.4	<0.01	<5	56	1.00	0.32	0.97	0.23	25.9	18.7	23.2
E5633723 (4573824)	0.97	0.23	1.33	17.3	<0.01	<5	55	0.99	0.31	1.01	0.26	25.7	18.5	24.4
E5633478 (4573825)	1.03	0.12	1.19	10.2	<0.01	<5	126	0.60	0.20	1.68	0.27	30.7	18.0	19.6
E5633485 (4573826)	1.16	0.11	1.50	10.4	<0.01	<5	139	0.65	0.21	1.26	0.30	30.9	22.6	24.1
E5633486 (4573827)	0.67	0.12	2.10	9.2	<0.01	<5	103	0.61	0.20	0.72	0.34	33.4	24.7	34.3
E5633487 (4573828)	0.85	0.11	2.07	8.8	<0.01	<5	119	0.63	0.20	0.89	0.33	31.4	24.8	33.4
E5633488 (4573829)	1.02	0.10	2.08	7.7	<0.01	<5	88	0.59	0.19	0.63	0.29	33.8	23.3	33.8
E5635006 (4573830)	0.96	0.51	1.41	7.8	<0.01	11	283	0.82	0.07	11.0	1.78	24.8	5.0	29.0
E5635008 (4573831)	0.80	0.59	1.21	7.0	<0.01	10	328	0.71	0.06	11.9	1.68	23.5	4.5	23.8
E5633167 (4573833)	0.82	0.25	0.97	7.4	<0.01	6	372	0.52	0.07	12.8	0.54	28.0	8.0	14.6
E5633169 (4573834)	1.23	0.24	0.76	6.5	<0.01	10	556	0.60	0.05	16.0	1.03	31.5	6.0	11.9
E5633162 (4573835)	0.87	0.40	0.85	6.1	<0.01	9	230	0.56	0.08	11.9	1.15	21.6	4.8	16.7
E5633170 (4573836)	0.63	0.27	0.81	6.2	<0.01	10	576	0.59	0.06	14.5	1.09	29.5	5.6	13.4
E5633171 (4573837)	0.83	0.44	1.11	8.0	<0.01	11	479	0.70	0.06	12.1	1.37	28.5	5.5	18.3
E5633172 (4573838)	0.95	0.30	0.88	6.9	<0.01	9	528	0.59	0.06	14.1	1.13	29.9	5.5	14.7
E5633173 (4573839)	0.65	0.24	0.87	7.1	<0.01	5	333	0.50	0.08	9.93	1.06	27.5	6.4	14.1
E5633174 (4573840)	1.12	0.36	0.90	7.8	<0.01	8	503	0.56	0.06	13.3	1.28	29.8	6.0	14.2
E5631382 (4573841)	0.89	0.16	1.17	13.8	<0.01	<5	64	1.30	0.28	3.02	0.86	23.0	50.6	16.4
E5631383 (4573842)	0.66	0.13	1.10	11.3	<0.01	<5	53	0.93	0.27	2.04	0.44	28.9	32.1	17.2
E5631384 (4573843)	0.96	0.09	1.19	12.5	<0.01	<5	60	1.03	0.29	1.94	0.53	27.3	35.8	19.0
E5631385 (4573844)	0.98	0.12	1.12	12.0	<0.01	<5	59	1.08	0.27	2.86	0.63	22.8	39.2	16.5
E5631386 (4573845)	0.96	0.12	1.24	11.0	<0.01	<5	61	1.15	0.28	2.50	0.60	20.9	42.9	18.6
E5631387 (4573846)	0.86	0.14	1.60	15.4	<0.01	<5	72	1.03	0.25	0.12	0.29	19.0	11.2	25.7
E5631389 (4573847)	0.98	0.55	0.92	5.7	<0.01	<5	109	0.82	0.09	2.22	0.93	12.8	4.9	9.0

Certified By:

Y. Chen



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Analyte:	Sample Login Weight	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.01	0.1	0.01	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5
Sample ID (AGAT ID)														
E5631390 (4573848)	1.05	0.30	1.24	8.5	<0.01	<5	133	0.71	0.18	0.72	0.36	18.6	12.9	21.5
E5634913 (4573849)	1.12	0.21	1.54	13.3	<0.01	<5	81	0.84	0.32	0.48	0.22	27.0	18.2	29.0
E5634914 (4573850)	0.84	0.21	1.72	12.6	<0.01	<5	118	1.00	0.33	0.60	0.21	30.3	18.8	31.4
E5634915 (4573851)	1.09	0.21	1.54	11.7	<0.01	<5	84	0.85	0.33	0.57	0.21	25.4	18.2	29.2
E5634916 (4573852)	0.92	0.22	1.56	13.0	<0.01	<5	83	0.92	0.34	0.59	0.21	24.9	17.2	29.7
E5634917 (4573853)	1.17	0.11	1.86	11.8	<0.01	<5	47	0.61	0.31	3.26	0.11	20.9	16.5	26.5
E5634918 (4573854)	0.89	0.19	1.53	11.1	<0.01	<5	73	0.79	0.33	0.71	0.19	22.7	16.6	26.9
E5634919 (4573855)	0.94	0.15	1.69	10.6	<0.01	<5	99	0.83	0.30	0.80	0.13	17.2	12.7	26.7
E5631362 (4573856)	0.80	0.21	1.51	20.7	0.01	<5	143	0.99	0.29	0.96	0.48	28.5	26.1	23.6
E5631363 (4573857)	1.18	0.21	1.54	19.4	0.01	<5	145	0.88	0.26	1.28	0.44	28.8	26.4	24.2
E5631366 (4573858)	0.65	0.35	2.35	11.7	<0.01	<5	112	1.28	0.31	0.71	0.53	32.2	34.6	34.8
E5631367 (4573859)	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC
E5631368 (4573860)	1.22	0.14	0.97	16.6	<0.01	<5	68	0.86	0.31	2.06	0.38	32.7	28.6	14.1
E5631369 (4573861)	0.69	0.15	0.90	14.2	<0.01	<5	72	0.78	0.32	2.81	0.35	29.5	25.6	13.2
E5631370 (4573862)	0.91	0.15	0.94	12.9	<0.01	<5	62	0.79	0.30	1.37	0.31	32.2	24.1	13.8
E5631371 (4573863)	0.98	0.15	0.91	14.4	<0.01	<5	65	0.86	0.30	3.65	0.27	28.1	26.3	14.3
E5631372 (4573864)	0.62	0.13	0.96	14.2	<0.01	<5	60	0.85	0.30	3.30	0.26	27.8	27.9	14.4
E5631373 (4573866)	0.61	0.12	0.94	13.8	<0.01	<5	58	0.86	0.29	3.42	0.25	28.5	27.3	14.8
E5631374 (4573867)	0.86	0.12	0.97	13.4	<0.01	<5	58	0.84	0.29	3.41	0.23	27.1	26.3	14.6
E5631375 (4573868)	1.19	0.11	0.96	14.3	<0.01	<5	60	0.91	0.30	2.96	0.25	26.7	28.8	15.9
E5631376 (4573869)	0.75	0.14	1.01	15.0	<0.01	<5	59	0.92	0.31	3.13	0.26	27.8	29.1	16.2
E5631377 (4573870)	1.05	0.14	1.29	14.1	<0.01	<5	66	1.79	0.29	2.61	1.09	33.3	61.1	16.9
E5631378 (4573871)	1.16	0.14	1.22	14.7	<0.01	<5	63	1.49	0.28	2.71	0.98	33.6	58.5	17.5
E5631379 (4573872)	0.99	0.14	1.30	13.9	<0.01	<5	65	1.60	0.29	2.73	0.84	34.5	54.4	17.6
E5634061 (4573873)	1.14	0.14	1.26	12.6	<0.01	<5	119	0.89	0.27	1.42	0.35	33.6	22.2	21.3
E5634062 (4573874)	0.94	0.10	0.79	11.2	<0.01	<5	70	0.69	0.21	2.91	0.19	17.0	15.9	11.8
E5634063 (4573876)	0.83	0.09	0.79	11.8	<0.01	<5	80	0.65	0.21	1.87	0.26	19.5	16.3	12.1
E5634064 (4573877)	1.03	0.10	0.93	11.9	<0.01	<5	102	0.69	0.22	2.28	0.26	26.7	17.8	15.3
E5634065 (4573878)	1.09	0.10	0.88	11.7	<0.01	<5	74	0.69	0.21	2.38	0.25	19.8	17.4	13.8
E5634066 (4573879)	0.32	0.10	0.96	11.2	<0.01	<5	104	0.67	0.21	2.85	0.26	25.4	17.8	15.1
E5634067 (4573880)	0.86	0.09	0.96	12.5	<0.01	<5	104	0.69	0.21	2.81	0.27	25.6	18.5	15.6

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SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.01	0.1	0.01	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5
Sample ID (AGAT ID)														
E5634070 (4573881)	0.91	0.18	1.05	18.0	<0.01	<5	130	0.93	0.26	1.46	0.43	21.6	19.3	20.4
E5634071 (4573882)	0.93	0.12	1.24	12.3	<0.01	<5	106	0.69	0.20	0.70	0.27	31.6	15.7	22.3
E5631404 (4573883)	1.13	0.16	1.50	9.8	<0.01	<5	92	1.46	0.26	0.35	0.37	24.6	38.0	25.7
E5631405 (4573884)	0.79	0.14	1.30	13.0	<0.01	<5	99	0.92	0.26	1.94	0.37	29.4	28.3	21.6
E5631406 (4573885)	1.12	0.12	1.24	12.3	<0.01	<5	93	0.86	0.24	2.02	0.34	28.0	26.4	20.9
E5631407 (4573886)	0.91	0.16	1.28	12.1	<0.01	<5	107	0.93	0.25	1.88	0.38	25.3	27.5	21.1
E5631408 (4573887)	1.24	0.12	1.29	12.4	<0.01	<5	101	0.89	0.25	2.49	0.35	28.3	27.2	21.9
E5631409 (4573888)	0.74	0.12	1.34	12.0	<0.01	<5	102	0.91	0.24	2.69	0.35	27.8	27.2	21.4
E5631391 (4573889)	0.88	0.15	1.52	8.6	<0.01	<5	70	1.02	0.27	1.85	0.40	24.8	48.9	26.5
E5631392 (4573890)	0.98	0.25	0.60	28.8	<0.01	<5	42	0.90	0.39	0.45	0.36	18.0	20.6	8.7
E5631393 (4573891)	0.66	0.15	1.19	12.3	<0.01	<5	96	1.26	0.25	1.10	0.92	31.8	59.5	19.9
E5631394 (4573892)	1.05	0.17	0.76	19.7	<0.01	<5	86	0.81	0.30	0.22	0.41	47.4	21.9	13.6
E5631395 (4573893)	0.35	0.15	1.21	14.0	<0.01	<5	110	1.03	0.26	1.02	0.66	38.1	46.7	21.0
E5631397 (4573894)	1.18	0.15	1.24	15.9	<0.01	<5	114	0.97	0.26	1.39	0.64	31.2	41.9	21.3
E5631398 (4573895)	0.69	0.13	1.20	14.2	<0.01	<5	92	0.92	0.24	1.55	0.57	29.9	40.8	20.5
E5631399 (4573896)	0.79	0.15	1.31	14.8	<0.01	<5	107	0.95	0.28	2.12	0.46	38.3	28.4	20.6
E5631400 (4573897)	0.69	0.17	1.33	14.6	<0.01	<5	105	1.09	0.29	1.02	0.43	33.0	31.0	22.2
E5631401 (4573898)	0.95	0.14	1.26	15.8	<0.01	<5	105	0.89	0.24	1.59	0.45	36.5	32.4	21.4
E5631402 (4573899)	1.10	0.13	1.43	10.5	<0.01	<5	109	1.04	0.28	2.41	0.28	26.1	27.2	23.3
E5634101 (4573900)	0.84	0.25	0.98	7.1	<0.01	11	370	0.76	0.06	14.9	0.64	31.0	7.7	15.8
E5634102 (4573901)	1.04	0.26	0.95	5.8	<0.01	12	415	0.77	0.06	15.6	0.56	32.9	7.4	16.6
E5634103 (4573902)	0.86	0.28	0.96	5.9	<0.01	12	398	0.75	0.06	14.9	0.70	31.1	7.2	18.8
E5634104 (4573903)	0.65	0.36	0.84	5.8	<0.01	<5	725	0.69	0.14	1.03	0.85	35.0	6.9	12.0
E5634105 (4573904)	0.74	0.62	1.28	12.0	<0.01	10	1430	0.82	0.15	1.87	1.39	41.8	10.0	17.0
E5634106 (4573905)	1.08	0.61	1.16	11.8	<0.01	11	703	0.90	0.17	4.71	1.47	34.9	10.3	16.8
E5634109 (4573907)	1.11	0.57	1.13	11.5	<0.01	11	969	0.87	0.16	5.40	1.63	37.3	10.8	15.7
E5634692 (4573908)	1.46	0.26	0.37	11.3	<0.01	10	278	0.45	0.10	9.37	1.18	29.3	7.0	6.2
E5634693 (4573909)	0.63	0.14	0.35	6.3	<0.01	8	161	0.35	0.08	14.1	0.67	21.3	5.4	5.8
E5634694 (4573910)	0.98	0.28	0.44	13.1	<0.01	12	229	0.50	0.11	7.20	1.40	34.4	7.5	7.4
E5634695 (4573911)	0.77	0.31	0.50	14.3	<0.01	13	170	0.54	0.12	4.98	1.53	38.9	8.1	8.3
E5634696 (4573912)	0.94	0.44	1.22	11.0	<0.01	20	662	0.78	0.11	7.44	4.05	37.8	9.9	18.7

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RDL:	0.01	0.01	0.01	0.1	0.01	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5
Sample ID (AGAT ID)														
E5634698 (4573913)	0.79	0.62	1.52	10.0	<0.01	24	989	0.95	0.11	8.94	1.55	37.0	10.3	21.6
E5634699 (4573915)	0.76	0.75	0.50	12.5	<0.01	11	364	0.48	0.10	6.79	1.92	31.9	7.2	7.7
E5634700 (4573916)	0.59	0.36	0.47	12.2	<0.01	12	361	0.48	0.10	7.27	1.85	32.3	6.8	7.8
E5636621 (4573917)	0.91	0.24	1.74	13.8	<0.01	6	250	1.02	0.36	0.94	0.72	39.6	38.7	27.8
E5633175 (4573918)	0.96	0.42	1.14	8.4	<0.01	14	755	0.73	0.08	13.0	1.15	33.5	7.3	18.6
E5633176 (4573919)	0.94	0.32	1.08	7.1	<0.01	14	810	0.69	0.06	14.1	1.16	33.5	6.3	17.6
E5633177 (4573920)	1.09	0.42	1.17	7.8	<0.01	15	749	0.74	0.07	13.3	1.21	31.8	6.5	18.5
E5633178 (4573922)	0.61	0.48	1.18	8.3	<0.01	16	835	0.73	0.07	13.3	1.53	33.1	7.4	18.4
E5633179 (4573923)	1.07	0.43	1.33	8.4	<0.01	18	912	0.74	0.08	13.1	1.32	34.7	7.4	18.9
E5636623 (4573924)	1.00	0.22	1.85	11.9	<0.01	7	106	0.96	0.35	1.03	0.31	40.4	23.4	27.9
E5633181 (4573925)	1.32	0.45	1.20	11.1	<0.01	16	834	0.72	0.09	12.8	2.28	34.2	8.2	18.8
E5633182 (4573926)	0.91	0.64	1.11	12.3	<0.01	15	738	0.69	0.10	12.5	2.45	33.4	8.1	17.2
E5636614 (4573927)	1.37	0.24	1.70	8.9	<0.01	<5	90	1.07	0.37	0.56	0.31	41.1	20.1	27.3
E5636618 (4573928)	0.96	0.29	2.02	15.6	<0.01	5	111	1.18	0.45	0.57	0.47	53.9	31.0	31.5
E5636631 (4573929)	0.81	0.18	1.54	12.6	<0.01	<5	75	1.11	0.34	0.61	0.23	45.7	19.8	23.7
E5636612 (4573931)	0.77	0.23	1.89	17.5	<0.01	<5	105	1.25	0.46	0.48	0.36	56.3	32.8	29.3
E5636637 (4573932)	0.73	0.10	1.12	12.8	<0.01	<5	56	0.83	0.25	0.29	0.48	19.9	25.6	14.3
E5636638 (4573933)	0.46	0.11	1.20	13.3	<0.01	<5	53	0.96	0.24	0.32	0.50	23.5	26.8	15.0
E5636639 (4573934)	0.85	0.12	1.03	12.2	<0.01	<5	49	0.88	0.23	0.27	0.43	23.5	22.6	13.9
E5636646 (4573935)	0.88	0.10	0.99	10.1	<0.01	<5	102	0.58	0.20	2.65	0.23	26.6	16.3	15.4
E5631470 (4573936)	0.94	0.23	1.22	11.5	<0.01	<5	38	0.74	0.38	3.12	0.15	32.2	18.4	17.6
E5631472 (4573937)	0.99	0.21	1.24	11.1	<0.01	<5	33	0.68	0.36	3.22	0.14	34.1	17.8	17.7
E5631476 (4573938)	1.18	0.21	1.26	10.9	<0.01	<5	34	0.72	0.36	2.96	0.13	36.2	17.1	17.7
E5631479 (4573939)	0.93	0.20	1.45	12.1	<0.01	<5	53	0.69	0.36	0.69	0.13	58.1	15.9	23.3
E5631483 (4573940)	0.95	0.20	1.46	12.9	<0.01	<5	41	0.74	0.36	1.14	0.14	59.8	17.2	22.0
E5631501 (4573941)	0.69	0.65	1.47	23.4	<0.01	<5	58	1.22	0.63	0.60	0.27	49.7	38.6	21.8
E5631504 (4573942)	0.83	0.22	1.73	7.6	<0.01	<5	69	0.85	0.27	10.9	0.14	36.8	16.9	20.5
E5631505 (4573943)	0.67	0.24	1.40	12.6	<0.01	<5	41	0.79	0.38	4.22	0.17	34.4	20.2	19.5
E5631506 (4573944)	0.86	0.22	1.34	11.8	<0.01	<5	38	0.73	0.38	4.06	0.15	33.7	20.0	18.4
E5631507 (4573945)	1.28	0.23	1.35	13.9	<0.01	<5	42	0.80	0.40	3.51	0.17	34.8	20.2	18.5
E5631509 (4573946)	0.87	0.24	1.26	12.0	<0.01	<5	39	0.74	0.37	3.29	0.14	34.9	18.3	18.0

Certified By:

Y. Chen



Certificate of Analysis

AGAT WORK ORDER: 13Y738870

PROJECT NO:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Jul 22, 2013

DATE RECEIVED: Jul 19, 2013

DATE REPORTED: Aug 28, 2013

SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.01	0.1	0.01	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5
Sample ID (AGAT ID)														
E5636610 (4573947)	0.99	0.17	1.63	16.0	<0.01	<5	81	1.04	0.39	0.49	0.36	56.1	35.1	26.2
E5633218 (4573948)	0.98	0.19	1.13	10.7	<0.01	<5	76	0.95	0.30	0.26	0.27	41.6	28.8	21.2
E5633239 (4573949)	0.95	0.14	3.98	6.9	<0.01	<5	29	5.36	0.07	0.08	0.38	4.86	83.3	4.4
E5633219 (4573950)	0.83	0.21	2.71	13.6	<0.01	<5	58	3.85	0.32	0.48	1.80	56.1	105	23.1
E5633253 (4573951)	0.95	0.16	4.43	20.2	<0.01	<5	61	11.1	0.16	0.50	6.02	21.9	287	17.3
E5633276 (4573952)	1.11	0.17	1.74	13.7	<0.01	<5	51	0.89	0.34	0.56	0.14	40.6	18.7	25.9
E5633277 (4573953)	0.55	0.16	1.88	14.5	<0.01	<5	66	0.85	0.37	0.48	0.14	37.3	19.7	27.1
E5633278 (4573954)	0.90	0.17	1.73	12.0	<0.01	<5	58	0.81	0.35	0.70	0.17	39.3	17.6	25.5
E5633279 (4573955)	0.91	0.16	1.58	10.4	<0.01	<5	49	0.77	0.32	0.55	0.13	35.8	15.4	24.7
E5633281 (4573956)	1.09	0.16	1.65	12.3	<0.01	<5	53	0.80	0.32	0.68	0.16	37.9	15.4	25.2
E5633286 (4573957)	1.07	0.19	1.62	10.9	<0.01	<5	72	0.84	0.32	0.63	0.17	25.4	15.4	27.4
E5633288 (4573958)	0.87	0.17	1.41	10.5	<0.01	<5	53	0.79	0.29	0.78	0.20	23.0	12.4	24.0
E5633255 (4573959)	0.97	0.14	2.98	16.5	<0.01	<5	105	6.91	0.19	0.51	5.27	25.8	434	19.3
E5633669 (4573960)	0.78	0.11	1.79	9.2	<0.01	<5	160	0.66	0.20	0.88	0.54	39.8	23.4	29.2
E5633670 (4573961)	1.37	0.21	2.78	21.4	0.01	<5	320	1.23	0.22	1.34	0.72	47.5	72.0	41.6
E5633686 (4573962)	1.19	0.13	1.30	13.2	0.02	<5	211	0.92	0.25	0.70	0.48	26.6	22.1	23.6
E5633687 (4573963)	7.60	0.15	1.24	13.6	<0.01	<5	194	0.96	0.25	0.80	0.42	25.8	19.9	22.8
E5631946 (4573964)	0.98	0.15	2.54	9.4	<0.01	<5	95	0.71	0.22	0.66	0.32	42.2	31.7	41.4
E5631947 (4573965)	0.99	0.12	2.37	8.5	<0.01	<5	81	0.66	0.21	0.46	0.32	40.1	29.1	40.2
E5631948 (4573966)	1.01	0.12	2.46	7.3	<0.01	<5	104	0.72	0.21	1.22	0.30	38.4	29.7	37.5
E5631949 (4573967)	1.07	0.14	2.51	10.3	<0.01	<5	97	0.70	0.22	0.44	0.34	43.5	32.6	41.6
E5631950 (4573968)	1.02	0.13	2.63	9.6	<0.01	<5	94	0.76	0.22	0.63	0.37	41.4	32.0	42.8
E5631951 (4573969)	0.99	0.16	2.69	7.7	<0.01	<5	98	0.69	0.21	1.36	0.29	35.0	28.9	43.4
E5631952 (4573970)	1.19	0.09	2.37	7.8	<0.01	<5	70	0.64	0.20	1.02	0.25	35.0	25.7	36.2
E5631953 (4573971)	1.07	0.12	2.48	8.8	<0.01	<5	103	0.72	0.21	1.32	0.32	37.3	30.1	41.8
E5631956 (4573972)	0.44	0.13	2.47	7.1	<0.01	<5	135	0.72	0.21	1.02	0.30	38.3	27.0	39.3
E5631957 (4573973)	0.67	0.13	2.51	7.2	<0.01	<5	105	0.68	0.21	0.94	0.28	40.5	28.1	39.9
E5631958 (4573974)	0.83	0.13	2.42	7.1	<0.01	<5	102	0.71	0.21	0.74	0.31	37.4	28.0	37.6
E5633245 (4573975)	0.46	0.10	2.85	11.6	<0.01	<5	40	9.81	0.09	0.42	1.66	28.1	110	5.3
E5633246 (4573976)	0.84	0.19	1.85	15.6	<0.01	7	69	3.99	0.15	0.39	1.47	21.6	155	14.2
E5633247 (4573977)	1.14	0.08	1.88	6.8	<0.01	<5	52	5.45	0.05	0.21	1.80	27.0	440	5.0

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13Y738870

PROJECT NO:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Jul 22, 2013

DATE RECEIVED: Jul 19, 2013

DATE REPORTED: Aug 28, 2013

SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.01	0.1	0.01	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5
Sample ID (AGAT ID)														
E5633248 (4573978)	0.86	0.07	2.55	8.9	<0.01	<5	29	8.66	0.06	0.18	1.37	26.7	149	3.9
E5633249 (4573979)	1.01	0.10	5.31	12.5	<0.01	<5	40	21.4	0.08	0.34	2.26	46.6	157	6.0
E5633490 (4573980)	1.01	0.13	0.34	5.1	<0.01	<5	170	0.35	0.07	15.5	0.75	16.2	4.5	7.6
E5633491 (4573981)	1.11	0.13	0.38	4.5	<0.01	<5	151	0.30	0.06	13.1	0.88	15.2	4.3	8.0
E5633492 (4573982)	0.85	0.15	0.36	4.8	<0.01	<5	124	0.32	0.07	11.7	1.00	14.6	4.2	8.3
E5633494 (4573983)	0.88	0.17	0.38	3.6	<0.01	<5	210	0.30	0.05	13.2	1.19	14.0	3.6	8.7
E5633495 (4573984)	1.24	0.26	0.51	6.0	<0.01	<5	228	0.40	0.09	12.2	0.97	21.7	5.3	10.5
E5633496 (4573985)	0.83	0.25	0.52	7.0	<0.01	<5	215	0.45	0.10	11.9	0.88	23.1	6.4	10.7
E5633497 (4573986)	0.84	0.18	0.40	5.2	<0.01	<5	161	0.38	0.07	14.4	1.14	15.1	4.7	9.1
E5633501 (4573987)	1.02	0.51	0.59	7.6	<0.01	6	232	0.64	0.11	11.7	2.20	17.9	6.5	11.8
E5633502 (4573988)	1.00	0.03	0.61	4.0	<0.01	<5	54	0.64	0.11	12.3	0.17	12.0	6.8	8.2
E5634702 (4573989)	0.79	0.29	0.38	11.3	<0.01	7	309	0.45	0.09	7.16	1.98	24.5	6.3	5.9
E5634703 (4573990)	0.85	0.35	0.45	12.9	<0.01	10	371	0.49	0.10	7.90	2.23	29.8	6.9	7.4
E5634077 (4573991)	0.94	0.15	1.37	21.6	<0.01	<5	124	0.98	0.26	0.66	0.53	47.0	18.2	17.5
E5634078 (4573992)	0.99	0.14	1.44	18.4	0.01	<5	136	0.98	0.25	0.48	0.81	43.2	17.9	20.7
E5634092 (4573993)	0.98	0.18	1.52	15.4	0.01	<5	151	1.03	0.22	0.51	0.59	34.3	21.0	26.9
E5634098 (4573994)	0.66	0.13	1.45	8.0	<0.01	6	169	0.77	0.19	1.14	0.32	24.5	14.7	23.3
E5634082 (4573995)	0.83	0.13	1.46	14.2	<0.01	<5	175	0.94	0.24	0.76	0.38	38.9	21.1	20.8
E5634084 (4573996)	1.10	0.11	1.19	11.1	<0.01	<5	168	0.70	0.22	1.74	0.30	34.7	18.0	18.4
E5634085 (4573997)	0.87	0.11	0.83	9.4	<0.01	<5	195	0.55	0.19	1.91	0.27	35.5	13.4	13.7
E5634086 (4573998)	0.79	0.11	1.00	11.2	<0.01	<5	137	0.64	0.20	1.82	0.29	30.1	16.7	15.8
E5634087 (4573999)	0.82	0.12	1.09	10.6	<0.01	<5	144	0.68	0.21	1.98	0.29	32.7	16.5	17.8
E5634088 (4574000)	0.64	0.09	0.95	10.4	<0.01	<5	152	0.59	0.20	2.10	0.29	32.6	15.6	14.9
E5634089 (4574001)	0.88	0.14	1.03	10.5	<0.01	<5	135	0.64	0.19	1.92	0.29	29.5	16.2	16.3
E5633361 (4574002)	1.17	0.54	1.01	9.4	<0.01	10	644	0.92	0.16	2.52	1.45	31.2	8.9	15.5
E5633364 (4574003)	1.27	0.44	0.86	10.5	<0.01	10	695	0.80	0.14	7.84	1.76	29.2	8.6	13.7
E5633366 (4574004)	1.00	0.48	0.92	8.8	<0.01	10	708	0.80	0.13	8.54	1.59	27.3	8.0	13.5
E5633367 (4574005)	0.74	0.33	0.88	7.0	<0.01	8	649	0.85	0.12	10.5	1.24	23.4	8.5	12.1
E5631454 (4574006)	0.75	0.14	1.50	8.6	<0.01	<5	76	1.58	0.30	2.76	0.28	24.0	52.8	23.2
E5631455 (4574007)	0.92	0.13	1.62	9.0	<0.01	<5	72	1.60	0.33	1.88	0.29	23.2	53.5	25.6
E5631456 (4574008)	0.74	0.12	1.57	8.8	<0.01	<5	67	1.54	0.32	2.38	0.27	21.3	50.9	24.4

Certified By:

Y. Chen



AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 13Y738870

PROJECT NO:

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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Jul 22, 2013

DATE RECEIVED: Jul 19, 2013

DATE REPORTED: Aug 28, 2013

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Unit: RDL:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
E5631420 (4574009)		0.96	0.06	2.15	6.0	<0.01	<5	36	0.59	0.38	0.18	0.06	21.3	19.8	34.4
E5631421 (4574010)		0.86	0.05	2.01	4.9	<0.01	<5	31	0.54	0.39	0.14	0.05	19.2	19.9	31.8
E5631414 (4574011)		0.94	0.16	1.45	21.0	<0.01	<5	66	0.93	0.40	0.21	0.26	46.6	33.7	23.9
E5633749 (4574012)		0.95	0.19	1.54	14.8	<0.01	<5	126	1.23	0.26	0.28	0.39	34.3	20.6	29.8
E5633751 (4574013)		0.77	0.16	1.54	12.4	<0.01	<5	83	0.96	0.28	0.58	0.21	44.5	17.4	27.9
E5633753 (4574014)		1.16	0.12	1.59	12.7	<0.01	<5	94	0.77	0.29	0.46	0.20	43.0	17.6	28.1
E5633754 (4574015)		0.89	0.11	1.72	15.4	<0.01	<5	81	0.93	0.34	0.49	0.17	39.9	23.8	27.2

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CLIENT NAME: AURORA GEOSCIENCES

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Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Jul 22, 2013

DATE RECEIVED: Jul 19, 2013

DATE REPORTED: Aug 28, 2013

SAMPLE TYPE: Soil

Analyte:	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
RDL:	0.05	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05
Sample ID (AGAT ID)														
E5633712 (4573816)	1.92	39.3	3.72	3.09	0.10	0.27	0.10	0.032	0.05	7.0	46.0	0.47	624	0.90
E5633713 (4573817)	1.58	36.3	3.74	2.97	0.11	0.12	0.10	0.031	0.05	6.8	42.2	0.45	592	0.60
E5633715 (4573818)	5.12	78.7	6.21	5.14	0.14	0.11	0.08	0.057	0.07	10.8	58.8	0.68	1210	1.46
E5633717 (4573819)	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC
E5633719 (4573820)	2.10	50.2	4.30	3.81	0.14	0.05	0.02	0.027	0.06	11.7	44.3	0.58	589	0.95
E5633720 (4573821)	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC
E5633721 (4573822)	3.70	53.0	3.74	3.90	0.13	0.07	0.09	0.032	0.07	11.2	39.2	0.96	638	0.98
E5633722 (4573823)	3.63	53.4	3.81	3.96	0.14	0.07	0.08	0.036	0.07	11.8	39.7	0.95	665	1.01
E5633723 (4573824)	3.50	60.8	3.72	4.05	0.13	0.08	0.09	0.033	0.08	11.8	40.3	1.02	721	0.98
E5633478 (4573825)	3.08	79.9	4.07	4.12	0.12	0.03	0.09	0.034	0.06	14.0	17.4	1.50	583	0.76
E5633485 (4573826)	2.29	90.7	4.61	5.25	0.12	0.04	0.08	0.035	0.06	13.9	20.5	1.55	1060	0.90
E5633486 (4573827)	1.38	106	5.31	7.65	0.14	0.05	0.08	0.033	0.05	15.7	29.3	1.74	953	0.95
E5633487 (4573828)	1.47	107	5.30	7.33	0.14	0.04	0.08	0.033	0.05	14.6	28.4	1.75	952	0.97
E5633488 (4573829)	1.27	94.9	5.33	7.39	0.14	0.04	0.07	0.031	0.05	15.7	29.4	1.75	774	0.81
E5635006 (4573830)	1.73	49.1	1.39	4.79	<0.05	0.08	0.06	0.022	0.32	12.7	46.2	3.26	143	4.86
E5635008 (4573831)	1.62	41.9	1.26	4.07	<0.05	0.08	0.06	0.020	0.25	12.3	38.5	3.65	141	3.90
E5633167 (4573833)	1.07	30.6	1.93	3.20	<0.05	0.05	0.04	0.026	0.16	14.5	19.2	1.86	237	3.31
E5633169 (4573834)	0.83	28.8	1.43	2.66	<0.05	0.05	0.03	0.022	0.21	15.5	17.5	2.72	290	3.47
E5633162 (4573835)	1.58	32.9	1.43	2.60	<0.05	0.05	0.08	0.026	0.20	11.5	26.4	3.89	158	3.14
E5633170 (4573836)	0.90	25.1	1.39	2.79	<0.05	0.05	0.03	0.021	0.22	14.7	19.1	2.69	257	3.30
E5633171 (4573837)	1.46	35.5	1.53	3.63	<0.05	0.09	0.06	0.023	0.27	14.5	28.3	2.83	194	3.78
E5633172 (4573838)	1.05	28.8	1.42	2.93	<0.05	0.05	0.04	0.021	0.23	14.9	20.2	2.69	247	3.52
E5633173 (4573839)	0.78	30.8	1.66	2.56	0.08	0.05	0.04	0.022	0.14	14.1	16.1	1.64	302	3.16
E5633174 (4573840)	0.94	30.2	1.56	2.94	<0.05	0.06	0.04	0.022	0.23	15.0	20.1	2.49	247	3.86
E5631382 (4573841)	2.66	91.2	4.60	2.79	0.13	0.03	0.09	0.036	0.07	9.4	24.3	0.66	3530	1.88
E5631383 (4573842)	2.31	78.0	4.58	3.04	0.13	0.03	0.10	0.035	0.07	13.4	21.4	0.65	1790	1.56
E5631384 (4573843)	2.33	88.9	4.86	3.32	0.12	0.12	0.09	0.037	0.07	12.5	24.3	0.69	2160	1.69
E5631385 (4573844)	2.34	78.3	4.60	2.95	0.12	0.05	0.10	0.036	0.06	10.1	22.3	0.67	2550	1.64
E5631386 (4573845)	2.43	76.8	4.54	3.28	0.14	0.04	0.09	0.036	0.06	8.9	24.7	0.68	2530	1.52
E5631387 (4573846)	3.13	36.6	3.80	4.60	0.14	0.03	0.06	0.038	0.06	8.0	18.4	0.45	790	2.58
E5631389 (4573847)	1.27	41.6	1.17	1.60	0.13	0.25	0.09	0.015	0.03	7.1	10.9	0.42	508	1.22
E5631390 (4573848)	1.84	37.0	2.96	3.64	0.12	0.06	0.07	0.026	0.06	9.2	20.0	0.51	575	1.35

Certified By:

Y. Chen



Certificate of Analysis

AGAT WORK ORDER: 13Y738870

PROJECT NO:

5623 McADAM ROAD
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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Jul 22, 2013

DATE RECEIVED: Jul 19, 2013

DATE REPORTED: Aug 28, 2013

SAMPLE TYPE: Soil

Analyte:	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
RDL:	0.05	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05
Sample ID (AGAT ID)														
E5634913 (4573849)	2.54	62.7	3.77	4.64	0.12	0.06	0.05	0.027	0.08	12.9	45.4	0.98	912	0.98
E5634914 (4573850)	2.95	56.6	3.79	4.98	0.13	0.09	0.05	0.031	0.09	14.7	49.2	1.19	938	0.93
E5634915 (4573851)	2.82	59.2	3.91	4.45	0.13	0.06	0.06	0.029	0.08	12.3	45.2	1.07	896	0.87
E5634916 (4573852)	2.80	56.8	3.76	4.70	0.14	0.06	0.07	0.031	0.08	12.3	50.4	1.01	823	0.88
E5634917 (4573853)	0.78	56.4	3.70	5.17	0.13	0.05	0.05	0.021	0.13	9.6	59.2	1.21	1080	0.39
E5634918 (4573854)	2.15	54.4	3.61	4.53	0.12	0.08	0.07	0.027	0.07	10.9	48.7	0.99	779	0.69
E5634919 (4573855)	1.62	39.2	3.46	4.92	0.12	0.10	0.07	0.027	0.07	8.7	56.2	0.86	564	0.89
E5631362 (4573856)	4.66	127	5.80	5.04	0.15	0.06	0.26	0.055	0.07	13.2	19.9	1.18	1190	1.33
E5631363 (4573857)	4.16	137	5.59	4.99	0.14	0.05	0.22	0.049	0.07	12.8	19.0	1.51	1430	1.27
E5631366 (4573858)	5.38	171	6.83	7.75	0.16	0.07	0.11	0.071	0.10	17.6	31.7	1.17	1560	2.55
E5631367 (4573859)	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC
E5631368 (4573860)	2.42	110	5.55	2.79	0.11	0.05	0.15	0.046	0.09	16.3	16.2	0.57	1210	2.86
E5631369 (4573861)	2.38	106	4.86	2.72	0.10	0.03	0.15	0.044	0.09	14.9	15.0	0.60	1090	2.31
E5631370 (4573862)	2.11	95.9	4.91	2.75	0.12	0.03	0.14	0.040	0.09	16.2	15.2	0.55	967	2.07
E5631371 (4573863)	2.75	100	5.06	2.73	0.09	0.03	0.14	0.042	0.09	14.1	15.3	0.59	984	1.99
E5631372 (4573864)	3.02	98.8	5.30	2.84	0.10	0.04	0.12	0.042	0.09	13.8	17.0	0.61	1010	2.02
E5631373 (4573866)	2.70	100	5.23	2.84	0.09	0.05	0.11	0.041	0.08	14.0	17.5	0.61	1030	2.00
E5631374 (4573867)	2.94	95.0	5.48	2.81	0.09	0.05	0.12	0.041	0.09	13.4	17.0	0.62	1010	1.90
E5631375 (4573868)	3.12	105	5.30	2.92	0.09	0.14	0.12	0.043	0.09	13.2	17.9	0.59	1070	1.86
E5631376 (4573869)	2.70	96.9	5.49	2.98	0.08	0.06	0.12	0.042	0.08	13.5	18.8	0.62	1010	1.82
E5631377 (4573870)	2.98	93.3	5.05	3.13	0.12	0.03	0.11	0.040	0.08	14.3	33.7	0.67	3950	2.01
E5631378 (4573871)	2.75	94.7	5.13	3.44	0.11	0.03	0.12	0.041	0.08	15.0	27.1	0.68	3340	1.95
E5631379 (4573872)	2.88	91.3	5.34	3.33	0.12	0.03	0.11	0.041	0.09	15.2	29.8	0.71	3240	1.90
E5634061 (4573873)	2.74	79.6	4.75	4.04	0.12	0.05	0.09	0.043	0.09	15.7	22.2	0.87	800	1.30
E5634062 (4573874)	2.67	53.0	3.45	2.60	0.08	0.04	0.07	0.032	0.08	5.8	15.5	1.42	717	0.72
E5634063 (4573876)	2.07	56.4	3.28	2.62	0.10	<0.02	0.07	0.030	0.07	7.5	15.9	1.00	695	0.82
E5634064 (4573877)	2.15	62.6	3.75	2.91	0.10	<0.02	0.08	0.033	0.07	11.2	18.6	1.08	747	0.92
E5634065 (4573878)	2.17	58.3	3.60	2.81	0.10	<0.02	0.07	0.033	0.07	7.9	16.5	1.14	735	0.87
E5634066 (4573879)	2.20	63.7	3.78	2.98	0.10	<0.02	0.07	0.033	0.07	10.6	18.7	1.05	741	0.97
E5634067 (4573880)	2.19	64.4	3.91	3.10	0.09	0.04	0.07	0.033	0.07	10.9	19.1	1.05	800	1.13
E5634070 (4573881)	3.29	89.2	4.62	3.96	0.12	0.05	0.09	0.047	0.08	8.9	15.1	1.18	759	1.30
E5634071 (4573882)	1.68	67.7	4.26	4.22	0.13	0.03	0.06	0.034	0.07	13.7	20.9	0.91	665	0.87

Certified By:

Y. Chen



Certificate of Analysis

AGAT WORK ORDER: 13Y738870

PROJECT NO:

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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Jul 22, 2013

DATE RECEIVED: Jul 19, 2013

DATE REPORTED: Aug 28, 2013

SAMPLE TYPE: Soil

Analyte:	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
RDL:	0.05	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05
Sample ID (AGAT ID)														
E5631404 (4573883)	3.56	61.2	4.38	4.63	0.14	0.03	0.05	0.040	0.08	10.0	27.2	0.59	1970	1.33
E5631405 (4573884)	2.90	85.0	5.05	4.02	0.12	0.03	0.07	0.042	0.08	13.6	23.7	0.77	1320	1.45
E5631406 (4573885)	2.74	78.5	4.79	3.85	0.12	<0.02	0.07	0.040	0.08	12.9	23.1	0.76	1250	1.36
E5631407 (4573886)	2.95	79.7	4.85	3.99	0.11	0.03	0.09	0.041	0.09	11.7	22.5	0.77	1400	1.40
E5631408 (4573887)	2.62	80.9	5.04	3.99	0.12	<0.02	0.08	0.043	0.08	13.1	24.1	0.83	1310	1.45
E5631409 (4573888)	2.66	79.3	5.14	4.01	0.13	<0.02	0.08	0.039	0.09	13.0	23.9	0.85	1290	1.42
E5631391 (4573889)	3.35	114	6.05	4.10	0.12	0.05	0.11	0.050	0.09	11.1	36.6	0.76	1940	1.70
E5631392 (4573890)	1.84	100	8.14	1.86	0.14	0.08	0.34	0.055	0.16	8.1	7.0	0.22	631	3.21
E5631393 (4573891)	3.19	105	6.75	3.26	0.13	0.02	0.10	0.049	0.08	15.1	24.4	0.55	5520	2.49
E5631394 (4573892)	1.98	76.2	5.16	2.84	0.15	<0.02	0.11	0.041	0.07	22.2	10.8	0.41	993	1.55
E5631395 (4573893)	2.65	106	6.42	3.60	0.13	<0.02	0.11	0.047	0.08	18.1	22.8	0.63	3230	2.39
E5631397 (4573894)	3.97	104	6.62	3.66	0.14	<0.02	0.11	0.049	0.08	14.7	22.1	0.74	2760	2.36
E5631398 (4573895)	3.55	97.6	6.03	3.70	0.13	<0.02	0.10	0.045	0.08	14.2	22.3	0.73	2630	2.22
E5631399 (4573896)	2.22	89.5	5.34	4.12	0.13	0.03	0.10	0.047	0.09	18.6	22.7	0.76	1180	1.64
E5631400 (4573897)	2.68	93.7	5.71	4.03	0.13	0.04	0.10	0.048	0.08	15.7	23.9	0.74	1390	1.72
E5631401 (4573898)	2.73	93.7	5.58	4.16	0.13	<0.02	0.09	0.047	0.08	17.2	22.5	0.81	1510	1.76
E5631402 (4573899)	3.16	66.3	4.44	4.35	0.11	0.04	0.06	0.043	0.09	11.0	29.1	0.70	1000	1.31
E5634101 (4573900)	1.16	34.1	2.25	3.41	<0.05	0.10	0.04	0.032	0.29	15.6	18.1	2.26	238	2.11
E5634102 (4573901)	1.18	36.6	2.19	3.37	<0.05	0.14	0.03	0.030	0.29	16.6	17.4	2.40	261	1.99
E5634103 (4573902)	1.25	43.6	2.17	3.25	<0.05	0.14	0.05	0.029	0.29	15.8	18.6	2.41	284	2.21
E5634104 (4573903)	1.52	22.7	1.99	2.48	0.12	0.05	0.06	0.022	0.14	17.0	15.2	0.54	234	2.92
E5634105 (4573904)	2.10	38.1	3.06	3.98	0.12	0.28	0.11	0.036	0.26	20.8	19.2	0.98	310	6.00
E5634106 (4573905)	3.01	41.3	2.90	3.76	0.10	0.10	0.11	0.032	0.29	16.4	21.3	1.25	256	7.48
E5634109 (4573907)	2.29	44.8	2.91	3.73	0.09	0.08	0.09	0.031	0.29	17.3	21.1	1.28	321	7.42
E5634692 (4573908)	1.59	28.3	1.81	1.34	<0.05	0.15	0.05	0.023	0.17	14.0	4.2	3.17	259	11.4
E5634693 (4573909)	1.18	19.1	1.62	1.13	<0.05	0.10	0.03	0.021	0.14	9.8	4.1	4.96	333	5.83
E5634694 (4573910)	1.69	32.1	1.85	1.63	<0.05	0.19	0.05	0.023	0.19	16.4	4.8	2.25	226	13.8
E5634695 (4573911)	1.89	36.0	1.98	1.80	0.07	0.23	0.06	0.025	0.22	18.5	5.2	1.57	199	15.2
E5634696 (4573912)	1.74	38.0	2.29	4.67	0.05	0.12	0.05	0.030	0.40	18.7	21.7	1.82	253	11.2
E5634698 (4573913)	2.13	41.2	2.47	5.51	<0.05	0.12	0.07	0.035	0.48	18.8	30.1	2.19	241	8.28
E5634699 (4573915)	1.46	32.2	1.92	1.73	0.06	0.13	0.05	0.023	0.21	15.7	5.7	1.95	206	13.8
E5634700 (4573916)	1.43	33.3	1.73	1.67	<0.05	0.16	0.05	0.023	0.21	16.0	5.1	2.10	227	13.6

Certified By:

Y. Chen



Certificate of Analysis

AGAT WORK ORDER: 13Y738870

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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Jul 22, 2013

DATE RECEIVED: Jul 19, 2013

DATE REPORTED: Aug 28, 2013

SAMPLE TYPE: Soil

Analyte:	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
RDL:	0.05	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05
Sample ID (AGAT ID)														
E5636621 (4573917)	5.74	64.1	6.48	5.38	0.13	0.06	0.10	0.041	0.15	19.0	26.9	0.81	8880	3.04
E5633175 (4573918)	1.41	34.4	1.80	4.13	<0.05	0.06	0.06	0.025	0.35	16.9	25.1	2.43	268	4.29
E5633176 (4573919)	1.29	31.7	1.57	3.77	<0.05	0.07	0.04	0.025	0.33	16.7	23.5	2.60	267	3.75
E5633177 (4573920)	1.70	36.1	1.71	3.92	<0.05	0.05	0.06	0.027	0.34	16.1	24.1	2.45	240	3.87
E5633178 (4573922)	1.38	37.6	1.80	3.99	<0.05	0.08	0.05	0.026	0.37	16.6	24.1	2.38	263	5.12
E5633179 (4573923)	1.65	33.0	1.94	4.42	<0.05	0.05	0.05	0.028	0.41	17.5	24.5	2.16	242	4.76
E5636623 (4573924)	5.11	66.6	4.93	5.14	0.14	0.05	0.09	0.042	0.16	19.8	27.1	0.85	817	1.47
E5633181 (4573925)	1.36	38.9	2.03	4.03	<0.05	0.10	0.05	0.029	0.37	17.2	22.4	2.33	284	6.97
E5633182 (4573926)	1.29	41.6	2.08	3.65	<0.05	0.08	0.06	0.027	0.34	16.8	20.4	2.13	272	8.33
E5636614 (4573927)	4.74	75.5	3.51	4.87	0.14	0.06	0.09	0.043	0.12	19.7	26.2	0.80	139	1.64
E5636618 (4573928)	6.95	88.6	6.08	5.63	0.14	0.04	0.11	0.047	0.17	26.2	29.8	0.92	1250	1.76
E5636631 (4573929)	3.77	60.8	5.50	4.24	0.15	0.03	0.05	0.042	0.12	20.8	27.6	0.76	594	2.36
E5636612 (4573931)	4.84	99.9	6.26	5.58	0.16	0.04	0.12	0.054	0.15	27.8	26.3	0.81	1430	2.25
E5636637 (4573932)	3.90	55.1	5.10	2.57	0.14	0.03	0.05	0.041	0.09	6.9	19.9	0.34	648	1.38
E5636638 (4573933)	4.17	54.9	5.35	2.54	0.15	0.10	0.04	0.044	0.12	7.9	21.5	0.34	689	1.41
E5636639 (4573934)	4.05	49.2	4.90	2.36	0.14	0.05	0.05	0.038	0.11	8.1	20.4	0.30	594	1.34
E5636646 (4573935)	2.53	56.4	3.52	2.85	0.12	0.05	0.06	0.032	0.10	11.4	15.5	1.03	720	0.85
E5631470 (4573936)	3.45	41.1	4.36	3.29	0.12	0.07	0.04	0.038	0.07	12.1	43.6	0.80	610	0.70
E5631472 (4573937)	2.85	38.7	4.05	3.46	0.12	0.06	0.03	0.035	0.07	12.9	44.7	0.89	583	0.63
E5631476 (4573938)	2.96	37.0	4.05	3.46	0.12	0.08	0.03	0.032	0.07	14.2	45.6	0.85	569	0.61
E5631479 (4573939)	2.41	39.6	4.01	3.86	0.15	0.05	0.04	0.028	0.09	27.0	40.1	0.77	593	0.66
E5631483 (4573940)	2.41	36.8	4.11	4.33	0.15	0.05	0.03	0.030	0.09	27.9	45.9	0.87	499	0.66
E5631501 (4573941)	6.56	74.4	6.38	3.99	0.16	0.07	0.06	0.056	0.10	20.9	42.8	0.51	1070	1.48
E5631504 (4573942)	3.03	39.0	3.46	4.75	<0.05	0.26	0.02	0.037	0.23	15.0	46.7	0.59	543	0.41
E5631505 (4573943)	3.04	45.7	4.49	3.81	0.11	0.06	0.03	0.040	0.07	13.0	49.0	0.78	676	0.72
E5631506 (4573944)	3.04	45.1	4.43	3.59	0.12	0.06	0.04	0.036	0.07	12.8	45.4	0.84	641	0.67
E5631507 (4573945)	3.51	43.6	4.63	3.57	0.12	0.07	0.04	0.039	0.08	13.2	44.8	0.78	651	0.99
E5631509 (4573946)	3.38	39.6	4.18	3.45	0.11	0.06	0.04	0.038	0.08	13.2	44.3	0.85	595	0.79
E5636610 (4573947)	4.15	84.8	5.81	5.04	0.15	0.05	0.08	0.046	0.13	27.2	24.0	0.77	1060	1.79
E5633218 (4573948)	3.59	71.5	6.16	3.39	0.15	0.04	0.05	0.039	0.09	18.7	23.6	0.62	1750	1.59
E5633239 (4573949)	1.28	133	28.5	1.11	0.24	0.10	0.03	0.019	0.04	1.2	20.6	0.13	3490	2.51
E5633219 (4573950)	5.40	97.2	6.14	4.65	0.19	0.10	0.08	0.051	0.10	18.0	62.3	0.90	3150	2.76

Certified By:

Y. Chen



AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 13Y738870

PROJECT NO:

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

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Jul 22, 2013

DATE RECEIVED: Jul 19, 2013

DATE REPORTED: Aug 28, 2013

SAMPLE TYPE: Soil

Analyte:	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
RDL:	0.05	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05
Sample ID (AGAT ID)														
E5633253 (4573951)	1.83	160	5.56	2.27	0.20	0.11	0.04	0.038	0.03	6.2	93.4	0.32	10400	3.99
E5633276 (4573952)	2.71	39.5	4.12	4.93	0.14	0.12	0.04	0.029	0.08	18.7	52.6	0.99	361	0.69
E5633277 (4573953)	3.96	53.9	4.29	5.33	0.14	0.08	0.04	0.027	0.08	16.8	59.4	1.06	1230	0.69
E5633278 (4573954)	3.38	44.8	4.00	4.98	0.14	0.11	0.05	0.029	0.08	18.9	50.8	1.02	618	0.80
E5633279 (4573955)	2.95	41.3	3.69	4.58	0.14	0.09	0.04	0.029	0.07	16.8	50.1	0.92	373	0.53
E5633281 (4573956)	2.83	44.6	3.81	4.73	0.14	0.09	0.05	0.028	0.07	18.0	51.9	1.01	616	0.56
E5633286 (4573957)	3.29	48.0	3.76	4.62	0.13	0.11	0.06	0.030	0.08	12.0	49.9	0.99	571	0.76
E5633288 (4573958)	2.68	43.8	3.26	4.13	0.13	0.12	0.07	0.028	0.07	11.4	44.2	0.87	475	0.71
E5633255 (4573959)	2.79	149	15.7	2.93	0.23	0.21	0.04	0.043	0.05	5.8	95.0	0.39	13400	5.01
E5633669 (4573960)	1.60	99.3	4.98	6.31	0.14	0.13	0.10	0.036	0.07	17.6	24.0	1.47	1200	1.07
E5633670 (4573961)	11.3	333	7.13	9.99	0.16	0.08	0.07	0.088	0.10	21.3	36.4	2.08	2780	1.36
E5633686 (4573962)	6.37	117	4.79	4.55	0.14	0.05	0.07	0.042	0.08	9.7	18.3	0.97	974	1.65
E5633687 (4573963)	7.26	102	4.66	4.38	0.15	0.04	0.08	0.041	0.08	9.9	17.1	0.89	823	1.50
E5631946 (4573964)	2.50	177	6.08	9.04	0.16	0.05	0.07	0.037	0.07	19.3	28.9	2.15	957	0.91
E5631947 (4573965)	2.29	160	5.67	8.40	0.17	0.05	0.08	0.036	0.07	18.5	27.4	1.95	818	0.83
E5631948 (4573966)	2.27	153	5.76	8.67	0.16	0.05	0.07	0.036	0.07	17.7	28.6	2.04	876	0.84
E5631949 (4573967)	2.27	160	6.02	9.10	0.16	0.05	0.09	0.040	0.08	20.0	29.1	2.01	945	0.96
E5631950 (4573968)	2.68	164	6.33	9.10	0.17	0.05	0.08	0.038	0.08	19.2	30.0	2.18	939	0.93
E5631951 (4573969)	2.20	173	6.17	8.68	0.16	0.04	0.07	0.034	0.07	16.2	27.7	2.24	977	0.85
E5631952 (4573970)	1.71	136	5.61	8.24	0.14	0.07	0.06	0.032	0.06	16.1	28.0	2.01	693	0.85
E5631953 (4573971)	2.33	166	5.81	8.64	0.15	0.06	0.08	0.037	0.07	17.3	29.2	2.08	958	1.01
E5631956 (4573972)	2.05	143	5.84	8.37	0.15	0.06	0.09	0.037	0.08	18.1	28.7	2.05	759	0.78
E5631957 (4573973)	1.95	138	5.91	8.84	0.16	0.05	0.08	0.035	0.07	18.6	29.4	2.13	742	0.77
E5631958 (4573974)	1.96	137	5.70	8.55	0.16	0.04	0.08	0.036	0.07	17.2	28.6	2.06	916	0.77
E5633245 (4573975)	1.80	106	24.7	1.65	0.30	0.23	0.03	0.024	0.05	6.0	23.9	0.18	3120	3.88
E5633246 (4573976)	3.37	123	25.0	3.23	0.28	0.14	0.05	0.036	0.17	5.0	27.0	0.36	3900	4.43
E5633247 (4573977)	0.93	151	25.3	1.27	0.32	0.14	0.02	0.012	0.04	4.4	37.6	0.12	11500	3.99
E5633248 (4573978)	1.08	125	24.9	1.23	0.31	0.17	0.02	0.017	0.03	5.3	17.1	0.11	3950	3.23
E5633249 (4573979)	1.16	153	15.3	1.64	0.35	0.31	0.04	0.023	0.04	9.0	30.8	0.16	5880	3.24
E5633490 (4573980)	0.87	13.3	1.10	1.02	<0.05	0.03	0.04	0.017	0.07	7.9	5.0	5.86	217	1.66
E5633491 (4573981)	0.80	12.4	1.06	1.12	<0.05	0.03	0.04	0.017	0.07	7.7	6.1	6.99	193	1.58
E5633492 (4573982)	0.83	15.6	1.08	1.04	<0.05	0.02	0.07	0.019	0.08	6.9	5.0	5.06	206	1.50

Certified By:

Y. Chen



Certificate of Analysis

AGAT WORK ORDER: 13Y738870

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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Jul 22, 2013

DATE RECEIVED: Jul 19, 2013

DATE REPORTED: Aug 28, 2013

SAMPLE TYPE: Soil

Analyte:	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
RDL:	0.05	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05
Sample ID (AGAT ID)														
E5633494 (4573983)	0.68	15.8	0.87	1.08	<0.05	0.03	0.04	0.016	0.07	8.1	6.1	7.67	172	1.96
E5633495 (4573984)	1.04	20.1	1.36	1.40	<0.05	0.03	0.07	0.021	0.09	11.2	7.4	6.63	219	2.87
E5633496 (4573985)	0.97	20.8	1.50	1.63	<0.05	0.25	0.06	0.023	0.09	10.7	8.1	6.05	264	4.09
E5633497 (4573986)	0.89	16.1	1.16	1.11	<0.05	0.07	0.08	0.022	0.09	7.6	6.2	6.62	200	1.87
E5633501 (4573987)	1.80	58.1	1.59	1.72	<0.05	0.06	0.08	0.023	0.16	8.0	14.0	2.65	229	6.98
E5633502 (4573988)	1.03	12.9	1.79	1.65	<0.05	0.08	<0.01	0.016	0.08	4.0	16.3	3.36	271	0.86
E5634702 (4573989)	1.04	30.1	1.61	1.27	0.08	0.12	0.05	0.021	0.14	11.7	5.3	1.78	214	11.9
E5634703 (4573990)	1.13	34.5	1.76	1.53	0.06	0.16	0.04	0.024	0.18	14.4	6.0	1.98	237	13.4
E5634077 (4573991)	5.19	74.7	4.96	4.31	0.14	0.05	0.10	0.044	0.07	21.9	22.1	0.98	964	1.38
E5634078 (4573992)	4.49	90.9	4.89	4.62	0.15	0.04	0.11	0.041	0.06	20.4	22.4	0.95	815	1.54
E5634092 (4573993)	7.53	133	4.90	4.85	0.14	0.06	0.18	0.047	0.09	15.8	20.0	0.92	850	1.40
E5634098 (4573994)	1.81	80.8	3.59	4.57	0.12	0.08	0.09	0.036	0.10	10.7	23.7	0.87	543	0.76
E5634082 (4573995)	4.08	88.9	5.09	4.56	0.14	0.06	0.09	0.040	0.07	18.4	20.2	1.15	1160	1.36
E5634084 (4573996)	3.05	86.7	4.23	3.85	0.13	0.03	0.12	0.034	0.06	15.7	17.3	1.46	791	0.89
E5634085 (4573997)	1.94	63.6	3.24	2.77	0.12	0.02	0.12	0.033	0.05	15.9	12.8	1.47	484	0.65
E5634086 (4573998)	2.72	77.5	3.78	3.56	0.13	0.02	0.09	0.035	0.05	13.7	15.7	1.40	730	0.85
E5634087 (4573999)	3.08	86.4	3.92	3.57	0.10	0.05	0.10	0.036	0.07	14.7	16.1	1.54	780	0.79
E5634088 (4574000)	2.66	70.1	3.60	3.28	0.11	0.02	0.71	0.032	0.06	14.5	15.4	1.55	743	0.78
E5634089 (4574001)	2.92	75.7	3.78	3.39	0.12	0.02	0.09	0.034	0.06	13.1	15.6	1.47	772	0.77
E5633361 (4574002)	2.52	39.0	2.49	3.25	0.12	0.06	0.08	0.031	0.23	14.5	21.8	1.01	279	6.08
E5633364 (4574003)	1.82	45.3	2.22	2.81	<0.05	0.05	0.07	0.027	0.22	13.1	19.1	1.74	274	7.34
E5633366 (4574004)	1.93	41.0	2.26	2.79	<0.05	0.04	0.07	0.029	0.23	12.3	20.0	2.11	224	6.94
E5633367 (4574005)	2.25	32.6	2.13	2.59	<0.05	0.04	0.05	0.025	0.19	10.2	20.0	2.23	255	4.89
E5631454 (4574006)	3.61	103	5.07	3.85	0.10	0.04	0.07	0.044	0.09	10.2	33.0	0.69	1780	1.12
E5631455 (4574007)	3.62	99.2	5.31	4.23	0.13	0.04	0.05	0.047	0.09	9.4	34.7	0.76	1900	1.14
E5631456 (4574008)	3.50	98.4	5.20	4.27	0.13	0.04	0.06	0.044	0.09	8.6	36.7	0.75	1670	1.05
E5631420 (4574009)	1.19	42.2	5.22	6.61	0.14	0.11	0.02	0.020	0.04	8.7	57.2	0.90	878	0.57
E5631421 (4574010)	1.28	42.6	5.08	6.06	0.15	0.07	0.01	0.018	0.03	7.4	51.0	0.89	890	0.41
E5631414 (4574011)	4.37	66.7	4.90	4.50	0.16	0.09	0.04	0.025	0.08	22.3	30.0	0.72	845	1.36
E5633749 (4574012)	5.57	58.8	3.13	4.85	0.15	0.05	0.04	0.026	0.06	16.2	47.0	0.81	1370	1.47
E5633751 (4574013)	2.91	51.2	3.42	4.84	0.15	0.06	0.04	0.027	0.08	21.2	51.1	1.19	917	1.06
E5633753 (4574014)	2.94	53.8	3.58	4.78	0.13	0.04	0.04	0.024	0.07	20.6	43.5	1.15	1010	0.99

Certified By:

Y. Chen



AGAT Laboratories

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ATTENTION TO: DAVE WHITE

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Jul 22, 2013

DATE RECEIVED: Jul 19, 2013

DATE REPORTED: Aug 28, 2013

SAMPLE TYPE: Soil

	Analyte:	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
	Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID)	RDL:	0.05	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05
E5633754 (4574015)		3.72	55.8	4.05	5.55	0.11	0.03	0.03	0.026	0.06	18.5	60.1	1.19	1130	0.88

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SAMPLE TYPE: Soil

Analyte:	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01
Sample ID (AGAT ID)														
E5633712 (4573816)	<0.01	0.17	28.5	761	24.3	4.5	<0.001	0.031	0.57	5.6	0.7	0.2	48.3	<0.01
E5633713 (4573817)	<0.01	0.09	28.6	773	23.1	3.7	<0.001	0.037	0.52	5.7	0.7	<0.2	52.4	<0.01
E5633715 (4573818)	<0.01	0.24	51.3	1050	65.1	8.0	<0.001	0.046	1.27	9.2	1.1	0.3	61.1	<0.01
E5633717 (4573819)	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC
E5633719 (4573820)	<0.01	0.19	36.7	1120	30.9	4.1	<0.001	0.019	0.81	5.4	0.5	0.2	71.6	<0.01
E5633720 (4573821)	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC
E5633721 (4573822)	<0.01	0.15	32.9	996	29.6	6.6	<0.001	0.051	0.61	6.2	1.4	0.2	74.0	<0.01
E5633722 (4573823)	<0.01	0.15	33.4	1010	29.8	6.6	<0.001	0.046	0.65	6.7	1.2	0.2	78.7	<0.01
E5633723 (4573824)	<0.01	0.12	32.8	962	27.9	7.0	<0.001	0.051	0.57	6.6	1.3	0.2	77.8	<0.01
E5633478 (4573825)	<0.01	0.12	26.2	576	16.7	5.0	<0.001	0.059	0.81	7.6	0.7	0.2	28.1	<0.01
E5633485 (4573826)	<0.01	0.13	31.5	599	16.1	4.3	<0.001	0.038	0.74	8.3	0.6	0.3	28.9	<0.01
E5633486 (4573827)	<0.01	0.07	38.3	572	13.2	4.2	<0.001	0.035	0.47	8.8	0.7	<0.2	25.9	<0.01
E5633487 (4573828)	<0.01	0.07	37.9	575	14.0	4.1	<0.001	0.042	0.51	8.8	0.7	<0.2	28.9	<0.01
E5633488 (4573829)	<0.01	<0.05	37.9	531	12.2	3.7	<0.001	0.031	0.44	7.7	0.5	0.2	19.9	<0.01
E5635006 (4573830)	<0.01	0.34	21.4	1490	9.2	22.3	0.002	0.173	2.71	3.8	1.9	0.4	311	<0.01
E5635008 (4573831)	<0.01	0.34	19.3	1320	10.4	18.2	0.001	0.196	2.29	3.5	2.2	0.4	316	<0.01
E5633167 (4573833)	0.01	0.33	17.5	1170	7.5	10.8	<0.001	0.185	0.92	5.4	1.1	0.3	651	<0.01
E5633169 (4573834)	0.01	0.28	13.7	1070	15.2	12.1	<0.001	0.254	1.14	4.5	1.3	0.3	752	<0.01
E5633162 (4573835)	<0.01	0.26	20.9	910	12.2	13.5	0.001	0.189	1.55	3.8	1.7	0.3	233	<0.01
E5633170 (4573836)	0.01	0.25	14.2	1120	15.1	12.7	<0.001	0.234	1.25	4.1	1.3	0.3	618	<0.01
E5633171 (4573837)	<0.01	0.35	16.9	1340	12.8	17.0	0.001	0.208	1.90	4.2	1.7	0.4	411	<0.01
E5633172 (4573838)	0.01	0.24	15.2	1270	13.5	13.5	<0.001	0.226	1.49	4.1	1.3	0.3	568	<0.01
E5633173 (4573839)	<0.01	0.41	18.1	1030	15.8	9.5	<0.001	0.154	1.25	4.3	1.2	0.3	374	<0.01
E5633174 (4573840)	<0.01	0.17	15.7	1370	26.0	13.2	0.001	0.218	1.53	4.1	1.3	0.3	524	<0.01
E5631382 (4573841)	<0.01	<0.05	80.7	713	20.1	4.7	0.002	0.166	0.65	7.0	1.2	0.2	163	<0.01
E5631383 (4573842)	<0.01	<0.05	52.0	679	19.7	5.2	0.002	0.114	0.59	6.5	0.9	0.2	114	<0.01
E5631384 (4573843)	<0.01	0.15	60.2	675	21.2	5.3	0.002	0.113	0.67	6.7	0.9	0.3	110	<0.01
E5631385 (4573844)	<0.01	0.07	63.2	666	19.7	4.8	0.002	0.147	0.63	6.6	1.1	0.2	154	<0.01
E5631386 (4573845)	<0.01	0.06	63.9	615	20.3	5.1	0.002	0.126	0.60	7.1	1.0	0.3	140	<0.01
E5631387 (4573846)	0.01	0.54	20.6	1660	11.5	8.2	<0.001	0.071	1.04	2.3	0.9	0.5	17.4	<0.01
E5631389 (4573847)	<0.01	0.50	16.2	1590	5.1	4.3	0.005	0.324	0.50	1.5	5.0	<0.2	71.1	0.05
E5631390 (4573848)	<0.01	0.60	27.5	951	12.2	8.9	0.001	0.070	0.77	4.7	1.2	0.3	32.7	<0.01

Certified By:

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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Jul 22, 2013

DATE RECEIVED: Jul 19, 2013

DATE REPORTED: Aug 28, 2013

SAMPLE TYPE: Soil

Analyte:	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01
Sample ID (AGAT ID)														
E5634913 (4573849)	<0.01	0.29	35.1	867	30.3	6.7	<0.001	0.034	0.73	5.1	1.4	0.2	54.1	<0.01
E5634914 (4573850)	<0.01	0.17	33.5	789	32.5	9.4	<0.001	0.054	0.61	5.5	1.8	0.3	68.2	<0.01
E5634915 (4573851)	<0.01	0.14	33.0	781	31.8	7.5	<0.001	0.049	0.56	5.1	2.1	0.2	66.9	<0.01
E5634916 (4573852)	<0.01	0.14	33.5	819	31.1	8.1	<0.001	0.053	0.60	5.4	2.8	0.2	70.0	<0.01
E5634917 (4573853)	<0.01	<0.05	32.1	585	19.9	5.0	<0.001	0.059	0.49	4.8	0.5	<0.2	137	<0.01
E5634918 (4573854)	<0.01	0.14	31.1	775	27.2	6.5	<0.001	0.060	0.56	4.9	2.3	0.2	73.5	<0.01
E5634919 (4573855)	<0.01	0.18	27.5	685	21.6	8.1	<0.001	0.087	0.45	4.6	3.9	0.3	93.1	<0.01
E5631362 (4573856)	<0.01	0.18	31.1	819	31.2	7.5	<0.001	0.081	1.97	11.4	1.2	0.3	40.2	<0.01
E5631363 (4573857)	<0.01	0.11	33.8	752	27.5	5.3	<0.001	0.094	1.77	10.7	0.9	0.2	25.2	<0.01
E5631366 (4573858)	<0.01	0.29	41.1	1260	25.6	10.4	<0.001	0.061	0.92	16.2	1.5	0.4	36.9	<0.01
E5631367 (4573859)	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC
E5631368 (4573860)	<0.01	0.06	51.3	897	22.6	6.0	0.006	0.236	0.82	7.3	1.4	0.3	133	<0.01
E5631369 (4573861)	<0.01	0.05	44.8	817	22.8	6.1	0.005	0.219	0.78	6.9	1.4	0.3	166	<0.01
E5631370 (4573862)	<0.01	0.05	43.3	809	21.4	5.7	0.005	0.171	0.73	6.6	1.3	0.3	85.7	<0.01
E5631371 (4573863)	<0.01	<0.05	43.5	781	22.6	6.0	0.004	0.217	0.72	7.7	1.2	0.3	186	<0.01
E5631372 (4573864)	<0.01	<0.05	44.3	742	22.2	6.0	0.004	0.207	0.72	8.0	1.1	0.3	178	<0.01
E5631373 (4573866)	<0.01	<0.05	45.2	733	20.9	5.3	0.004	0.203	0.69	7.7	1.0	0.3	191	<0.01
E5631374 (4573867)	<0.01	<0.05	44.2	714	21.5	5.6	0.004	0.211	0.67	7.5	1.1	0.3	175	<0.01
E5631375 (4573868)	<0.01	0.14	47.9	731	22.3	6.1	0.004	0.203	0.69	8.2	1.1	0.3	172	<0.01
E5631376 (4573869)	<0.01	0.07	45.5	712	23.4	5.7	0.004	0.201	0.68	8.2	1.0	0.3	173	<0.01
E5631377 (4573870)	<0.01	0.05	95.4	788	21.9	5.9	0.003	0.179	0.70	7.9	1.3	0.3	158	<0.01
E5631378 (4573871)	<0.01	0.05	83.3	718	20.6	5.9	0.002	0.173	0.69	8.0	1.2	0.3	162	<0.01
E5631379 (4573872)	<0.01	0.05	82.2	752	21.9	6.5	0.003	0.182	0.69	8.0	1.3	0.3	158	<0.01
E5634061 (4573873)	<0.01	0.24	37.9	739	20.9	7.8	<0.001	0.065	0.83	8.9	0.8	0.4	59.6	<0.01
E5634062 (4573874)	<0.01	0.05	23.3	412	20.0	5.6	<0.001	0.076	0.93	6.8	0.4	0.3	28.4	<0.01
E5634063 (4573876)	<0.01	0.07	24.7	408	19.4	5.0	<0.001	0.059	0.89	6.0	0.5	0.3	43.5	<0.01
E5634064 (4573877)	<0.01	0.10	28.3	515	19.6	5.6	<0.001	0.082	0.83	6.7	0.6	0.3	64.3	<0.01
E5634065 (4573878)	<0.01	0.08	26.7	450	18.9	5.3	<0.001	0.073	0.87	6.4	0.5	0.3	58.7	<0.01
E5634066 (4573879)	<0.01	0.11	27.9	509	17.9	5.9	<0.001	0.085	0.84	6.7	0.6	0.3	94.9	<0.01
E5634067 (4573880)	<0.01	0.12	30.0	516	18.1	5.6	<0.001	0.090	0.86	6.5	0.6	0.3	97.3	<0.01
E5634070 (4573881)	<0.01	0.22	29.4	629	24.3	7.8	<0.001	0.074	1.16	10.4	0.8	0.4	25.6	<0.01
E5634071 (4573882)	<0.01	0.27	29.4	630	16.5	5.9	<0.001	0.027	0.82	7.9	0.5	0.3	22.9	<0.01

Certified By:

Y. Chen



Certificate of Analysis

AGAT WORK ORDER: 13Y738870

PROJECT NO:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
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Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Jul 22, 2013

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SAMPLE TYPE: Soil

Analyte:	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01
Sample ID (AGAT ID)														
E5631404 (4573883)	<0.01	0.41	66.4	796	25.9	9.6	<0.001	0.036	0.88	9.1	0.6	0.5	46.4	<0.01
E5631405 (4573884)	<0.01	0.19	46.7	670	22.4	7.0	<0.001	0.082	0.83	8.9	0.7	0.4	94.6	<0.01
E5631406 (4573885)	<0.01	0.15	43.3	639	20.3	6.9	<0.001	0.084	0.77	8.2	0.7	0.3	97.1	<0.01
E5631407 (4573886)	<0.01	0.23	43.5	766	21.5	7.8	<0.001	0.086	0.81	8.8	0.8	0.4	91.6	<0.01
E5631408 (4573887)	<0.01	0.14	44.9	662	20.4	6.8	0.001	0.098	0.81	8.6	0.8	0.3	120	<0.01
E5631409 (4573888)	<0.01	0.15	44.4	670	20.6	7.2	<0.001	0.098	0.77	8.8	0.8	0.3	123	<0.01
E5631391 (4573889)	<0.01	<0.05	81.4	754	19.9	6.6	0.002	0.131	0.64	9.3	1.0	0.3	115	<0.01
E5631392 (4573890)	0.01	<0.05	42.8	715	30.3	9.7	0.012	0.657	1.94	8.9	1.5	0.4	86.8	<0.01
E5631393 (4573891)	<0.01	<0.05	107	751	18.3	6.3	0.003	0.148	0.76	10.8	1.2	0.3	81.4	<0.01
E5631394 (4573892)	<0.01	0.11	33.8	619	27.6	5.1	<0.001	0.043	1.54	9.0	0.7	0.2	12.6	<0.01
E5631395 (4573893)	<0.01	0.06	79.8	783	19.5	5.9	0.002	0.125	0.86	9.8	1.1	0.3	67.7	<0.01
E5631397 (4573894)	<0.01	0.09	67.2	815	21.0	6.5	0.002	0.133	0.95	10.1	1.0	0.3	59.9	<0.01
E5631398 (4573895)	<0.01	0.06	66.0	726	17.9	6.0	0.002	0.133	0.82	9.3	1.0	0.3	74.0	<0.01
E5631399 (4573896)	<0.01	0.20	46.0	884	23.1	6.8	0.001	0.090	0.98	8.6	0.9	0.4	112	<0.01
E5631400 (4573897)	<0.01	0.17	49.3	815	25.6	6.5	0.001	0.081	0.96	10.1	0.9	0.4	56.9	<0.01
E5631401 (4573898)	<0.01	0.13	48.1	726	24.6	6.3	0.001	0.098	0.90	9.3	0.9	0.3	74.0	<0.01
E5631402 (4573899)	<0.01	0.33	43.3	721	23.2	8.6	<0.001	0.056	0.84	8.7	0.7	0.5	137	<0.01
E5634101 (4573900)	0.01	0.09	15.6	1600	17.5	14.4	0.002	0.340	0.63	7.6	1.1	0.3	598	<0.01
E5634102 (4573901)	0.01	0.10	15.8	1790	14.5	14.4	0.002	0.365	0.60	7.9	1.2	0.3	619	<0.01
E5634103 (4573902)	<0.01	0.10	18.5	2020	14.4	14.1	0.003	0.382	0.71	7.3	1.2	0.3	557	<0.01
E5634104 (4573903)	<0.01	0.36	18.0	664	13.5	9.5	0.002	0.087	0.99	3.7	1.3	0.3	39.6	<0.01
E5634105 (4573904)	<0.01	0.69	25.7	1220	15.8	15.3	0.004	0.144	1.57	5.4	1.9	0.5	80.7	0.01
E5634106 (4573905)	<0.01	0.36	27.2	1020	35.7	15.9	0.005	0.219	1.93	5.6	1.6	0.4	184	<0.01
E5634109 (4573907)	<0.01	0.30	24.8	1010	30.9	14.8	0.004	0.205	1.92	5.9	1.5	0.4	203	<0.01
E5634692 (4573908)	0.01	0.15	20.9	379	11.8	8.9	0.009	0.178	1.81	5.1	1.3	0.2	111	<0.01
E5634693 (4573909)	0.01	0.17	13.4	342	10.4	7.2	0.004	0.213	0.97	4.5	0.9	0.2	198	<0.01
E5634694 (4573910)	<0.01	0.14	23.6	374	12.7	10.1	0.010	0.141	2.16	5.3	1.4	0.3	79.1	<0.01
E5634695 (4573911)	<0.01	0.14	28.3	391	11.7	10.7	0.011	0.112	2.31	5.5	1.5	0.3	55.5	<0.01
E5634696 (4573912)	0.01	0.35	26.1	1110	14.5	23.1	0.003	0.158	2.58	5.9	1.6	0.5	293	<0.01
E5634698 (4573913)	0.01	0.53	24.0	1360	12.6	27.2	0.003	0.201	2.04	6.3	1.8	0.7	435	<0.01
E5634699 (4573915)	0.01	0.13	23.8	448	12.5	10.1	0.009	0.165	2.51	4.9	1.5	0.3	95.7	<0.01
E5634700 (4573916)	0.01	0.14	23.5	455	12.5	10.1	0.011	0.166	2.61	4.9	1.5	0.3	92.3	<0.01

Certified By:



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DATE SAMPLED: Jul 22, 2013

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SAMPLE TYPE: Soil

Analyte:	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01
Sample ID (AGAT ID)														
E5636621 (4573917)	<0.01	0.20	40.7	933	28.6	17.1	0.001	0.090	0.75	8.0	2.1	0.4	83.6	<0.01
E5633175 (4573918)	<0.01	0.38	19.5	1500	20.8	19.5	0.001	0.257	1.55	4.9	1.5	0.4	507	<0.01
E5633176 (4573919)	0.01	0.35	16.2	1410	22.2	18.7	0.001	0.252	1.48	4.4	1.2	0.4	579	<0.01
E5633177 (4573920)	0.01	0.43	19.3	1200	22.6	19.9	0.001	0.260	1.57	4.7	1.5	0.4	498	<0.01
E5633178 (4573922)	0.01	0.30	18.7	1410	21.8	20.2	0.003	0.295	1.91	5.0	1.5	0.5	527	<0.01
E5633179 (4573923)	0.01	0.41	18.7	1190	17.9	22.9	0.003	0.283	1.70	5.1	1.4	0.5	495	<0.01
E5636623 (4573924)	<0.01	0.28	35.2	829	26.0	16.5	<0.001	0.111	0.69	7.6	1.1	0.4	74.7	<0.01
E5633181 (4573925)	0.01	0.35	24.1	1340	19.9	19.8	0.005	0.328	2.40	5.0	1.8	0.5	478	<0.01
E5633182 (4573926)	0.01	0.30	23.4	1300	20.6	18.1	0.007	0.349	3.14	5.1	2.3	0.4	452	<0.01
E5636614 (4573927)	<0.01	0.25	38.9	873	28.7	11.3	<0.001	0.212	0.71	8.6	1.4	0.4	52.6	<0.01
E5636618 (4573928)	<0.01	0.16	48.3	841	38.8	14.9	<0.001	0.064	0.94	9.4	1.1	0.4	54.2	<0.01
E5636631 (4573929)	<0.01	0.19	39.2	821	23.8	10.9	0.002	0.093	0.73	6.7	1.5	0.4	45.0	<0.01
E5636612 (4573931)	<0.01	0.16	47.9	902	37.0	14.4	<0.001	0.045	0.95	9.9	1.2	0.5	52.5	<0.01
E5636637 (4573932)	<0.01	0.15	65.7	617	20.9	8.7	0.001	0.100	0.62	7.8	0.8	0.4	50.4	<0.01
E5636638 (4573933)	<0.01	0.22	69.4	587	21.0	10.5	0.002	0.093	0.61	7.7	0.8	0.4	53.6	<0.01
E5636639 (4573934)	<0.01	0.15	59.7	512	19.2	9.7	0.001	0.083	0.55	7.1	0.6	0.4	40.7	<0.01
E5636646 (4573935)	<0.01	0.16	26.9	487	17.1	6.8	<0.001	0.076	0.69	5.9	0.5	0.3	83.5	<0.01
E5631470 (4573936)	<0.01	0.11	35.0	1060	32.1	5.8	<0.001	0.075	0.64	5.7	0.6	0.2	175	<0.01
E5631472 (4573937)	<0.01	0.08	32.4	1140	28.8	5.3	<0.001	0.075	0.60	5.2	0.5	<0.2	180	<0.01
E5631476 (4573938)	<0.01	0.10	31.3	1150	28.9	5.8	<0.001	0.068	0.56	5.3	0.6	0.2	169	<0.01
E5631479 (4573939)	<0.01	0.25	33.3	1370	26.9	6.7	<0.001	0.038	0.59	4.7	0.7	0.2	75.7	<0.01
E5631483 (4573940)	<0.01	0.16	32.4	1460	26.1	6.8	<0.001	0.044	0.59	5.0	0.7	0.4	98.1	<0.01
E5631501 (4573941)	<0.01	0.20	56.1	1170	63.0	9.4	<0.001	0.061	1.29	9.8	1.0	0.3	77.9	<0.01
E5631504 (4573942)	<0.01	0.05	26.6	1100	20.1	12.7	<0.001	0.130	0.46	6.7	0.5	0.3	612	<0.01
E5631505 (4573943)	<0.01	0.12	35.5	1220	32.4	5.5	<0.001	0.076	0.69	6.0	0.6	0.2	249	<0.01
E5631506 (4573944)	<0.01	0.09	34.1	1170	31.7	5.1	<0.001	0.079	0.64	5.8	0.5	0.2	216	<0.01
E5631507 (4573945)	<0.01	0.15	35.0	1110	33.8	6.2	<0.001	0.079	0.73	5.9	0.6	0.2	207	<0.01
E5631509 (4573946)	<0.01	0.09	33.1	1080	30.8	6.0	<0.001	0.074	0.67	5.5	0.6	0.2	189	<0.01
E5636610 (4573947)	<0.01	0.18	45.3	917	29.6	11.1	<0.001	0.055	0.86	9.0	1.9	0.4	47.3	<0.01
E5633218 (4573948)	<0.01	0.21	48.8	624	25.9	6.9	<0.001	0.035	0.88	9.1	0.6	0.3	30.8	<0.01
E5633239 (4573949)	<0.01	0.13	37.1	373	5.3	2.9	<0.001	3.02	0.45	7.1	0.8	<0.2	15.0	<0.01
E5633219 (4573950)	<0.01	0.13	188	1290	26.5	9.3	0.001	0.156	0.92	9.7	1.8	0.4	62.9	<0.01

Certified By:

Y. Chen



Certificate of Analysis

AGAT WORK ORDER: 13Y738870

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SAMPLE TYPE: Soil

Analyte:	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01
Sample ID (AGAT ID)														
E5633253 (4573951)	<0.01	0.08	432	1210	11.9	3.5	0.001	0.311	1.08	4.4	2.8	0.5	202	<0.01
E5633276 (4573952)	<0.01	0.15	30.3	902	24.3	7.3	<0.001	0.055	0.50	5.1	1.7	<0.2	74.5	<0.01
E5633277 (4573953)	<0.01	0.15	34.5	881	30.4	6.5	<0.001	0.040	0.64	4.6	0.9	0.2	67.7	<0.01
E5633278 (4573954)	<0.01	0.15	30.3	906	25.7	7.8	<0.001	0.060	0.55	5.0	2.5	0.2	83.9	<0.01
E5633279 (4573955)	<0.01	0.13	29.9	811	23.6	6.9	<0.001	0.052	0.48	5.0	4.4	<0.2	56.8	<0.01
E5633281 (4573956)	<0.01	0.14	30.6	895	23.2	6.9	<0.001	0.053	0.53	4.8	2.0	<0.2	79.3	<0.01
E5633286 (4573957)	<0.01	0.20	30.2	734	25.6	9.3	<0.001	0.063	0.54	4.6	3.1	0.2	71.7	<0.01
E5633288 (4573958)	<0.01	0.21	27.5	788	24.0	8.8	<0.001	0.081	0.49	4.2	1.7	0.2	111	<0.01
E5633255 (4573959)	<0.01	0.19	507	939	13.8	4.4	0.002	0.408	1.05	5.5	2.4	0.2	163	0.01
E5633669 (4573960)	<0.01	0.29	34.6	669	15.8	5.5	<0.001	0.057	0.63	9.2	0.6	0.2	38.9	<0.01
E5633670 (4573961)	<0.01	0.33	47.7	642	30.2	9.6	<0.001	0.057	0.84	33.8	1.4	0.5	44.7	<0.01
E5633686 (4573962)	<0.01	0.27	34.4	579	18.9	6.8	<0.001	0.062	0.94	8.8	0.7	0.4	24.0	<0.01
E5633687 (4573963)	<0.01	0.35	31.7	679	19.4	7.4	<0.001	0.053	0.96	9.0	0.8	0.4	28.4	<0.01
E5631946 (4573964)	<0.01	0.09	45.4	592	14.6	4.5	<0.001	0.057	0.53	9.4	0.6	<0.2	20.1	<0.01
E5631947 (4573965)	<0.01	0.09	43.0	601	13.0	4.8	<0.001	0.046	0.47	9.2	0.6	0.2	18.4	<0.01
E5631948 (4573966)	<0.01	0.11	41.6	578	14.1	4.6	<0.001	0.127	0.46	9.0	0.7	0.2	32.2	<0.01
E5631949 (4573967)	<0.01	0.15	45.4	662	14.5	5.8	<0.001	0.039	0.54	10.4	0.7	0.2	23.2	<0.01
E5631950 (4573968)	<0.01	0.13	44.6	671	14.6	5.4	<0.001	0.051	0.52	10.5	0.8	0.2	23.0	<0.01
E5631951 (4573969)	<0.01	0.10	47.9	672	13.9	4.6	<0.001	0.139	0.46	9.1	0.9	0.2	33.9	<0.01
E5631952 (4573970)	<0.01	0.09	39.2	535	12.2	4.1	<0.001	0.097	0.41	7.9	0.6	<0.2	23.5	<0.01
E5631953 (4573971)	<0.01	0.12	44.9	631	14.1	4.8	<0.001	0.126	0.51	9.3	0.9	0.2	37.1	<0.01
E5631956 (4573972)	<0.01	0.19	40.1	651	13.5	6.2	<0.001	0.078	0.45	10.6	1.0	0.2	33.0	<0.01
E5631957 (4573973)	<0.01	0.12	41.6	620	13.5	4.7	<0.001	0.101	0.45	9.0	0.7	0.2	27.7	<0.01
E5631958 (4573974)	<0.01	0.11	40.7	618	13.3	4.9	<0.001	0.093	0.49	8.7	0.8	0.2	24.0	<0.01
E5633245 (4573975)	<0.01	0.10	101	464	6.6	3.9	0.001	1.00	0.70	5.4	2.8	<0.2	114	0.03
E5633246 (4573976)	0.01	0.20	112	826	12.0	12.1	0.001	1.04	0.90	5.7	2.1	0.4	86.3	0.02
E5633247 (4573977)	<0.01	0.05	171	254	3.8	2.6	<0.001	1.07	0.46	3.8	2.2	<0.2	54.1	0.02
E5633248 (4573978)	<0.01	0.06	78.3	288	4.6	2.5	0.001	1.19	0.55	4.9	2.8	<0.2	50.7	0.02
E5633249 (4573979)	<0.01	0.08	128	508	6.1	3.2	0.002	1.05	0.65	8.7	6.3	<0.2	83.6	0.07
E5633490 (4573980)	<0.01	0.26	15.1	515	32.3	4.8	<0.001	0.199	0.61	2.7	0.6	<0.2	134	<0.01
E5633491 (4573981)	<0.01	0.35	13.4	589	82.9	4.2	<0.001	0.165	0.59	2.4	0.6	<0.2	83.7	<0.01
E5633492 (4573982)	<0.01	0.18	17.4	535	62.3	5.0	<0.001	0.160	0.67	2.5	0.7	<0.2	89.0	<0.01

Certified By:

Y. Chen



Certificate of Analysis

AGAT WORK ORDER: 13Y738870

PROJECT NO:

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

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Jul 22, 2013

DATE RECEIVED: Jul 19, 2013

DATE REPORTED: Aug 28, 2013

SAMPLE TYPE: Soil

Analyte:	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01
Sample ID (AGAT ID)														
E5633494 (4573983)	0.01	0.25	13.6	598	64.0	4.4	<0.001	0.176	0.67	2.2	0.5	<0.2	69.9	<0.01
E5633495 (4573984)	<0.01	0.33	20.7	648	34.7	6.1	<0.001	0.167	0.96	2.8	0.7	0.2	73.6	<0.01
E5633496 (4573985)	<0.01	0.63	21.7	712	18.7	6.6	<0.001	0.164	1.03	3.1	0.8	0.3	83.1	0.01
E5633497 (4573986)	<0.01	0.29	18.9	556	80.6	5.2	<0.001	0.202	0.77	2.9	0.8	<0.2	123	<0.01
E5633501 (4573987)	<0.01	0.20	29.1	1070	55.4	8.4	0.003	0.230	2.58	4.0	2.1	0.2	181	<0.01
E5633502 (4573988)	<0.01	0.09	13.7	345	15.9	4.3	<0.001	0.154	0.22	5.1	0.3	<0.2	206	<0.01
E5634702 (4573989)	<0.01	0.09	20.9	435	12.6	7.0	0.007	0.154	2.54	4.1	1.4	0.2	99.4	<0.01
E5634703 (4573990)	0.01	0.12	23.5	504	13.8	8.6	0.009	0.173	2.85	4.6	1.5	0.3	114	<0.01
E5634077 (4573991)	<0.01	0.24	25.1	703	32.0	5.8	<0.001	0.045	1.49	6.8	0.6	0.3	25.6	<0.01
E5634078 (4573992)	<0.01	0.33	27.9	769	29.0	6.1	<0.001	0.036	1.25	7.6	0.6	0.3	24.7	<0.01
E5634092 (4573993)	<0.01	0.46	31.1	840	19.7	8.8	<0.001	0.039	1.45	10.6	0.8	0.4	25.1	<0.01
E5634098 (4573994)	<0.01	0.46	25.8	550	12.4	9.1	<0.001	0.054	0.61	7.1	0.7	0.4	32.7	<0.01
E5634082 (4573995)	<0.01	0.26	29.3	820	23.2	5.7	<0.001	0.056	1.18	7.9	0.6	0.3	16.2	<0.01
E5634084 (4573996)	<0.01	0.16	25.7	533	19.6	4.6	<0.001	0.080	0.87	6.8	0.5	0.2	23.4	<0.01
E5634085 (4573997)	<0.01	0.10	19.7	478	17.1	3.9	<0.001	0.066	0.79	5.6	0.5	<0.2	19.8	<0.01
E5634086 (4573998)	<0.01	0.12	23.6	508	18.4	4.3	<0.001	0.076	0.90	6.3	0.4	0.2	22.6	<0.01
E5634087 (4573999)	<0.01	0.18	24.8	573	18.9	5.0	<0.001	0.079	0.91	6.9	0.5	0.2	23.6	<0.01
E5634088 (4574000)	<0.01	0.11	22.3	466	18.1	4.3	<0.001	0.082	0.86	6.0	0.5	0.2	23.6	<0.01
E5634089 (4574001)	<0.01	0.14	23.7	515	18.2	4.5	<0.001	0.075	0.85	6.4	0.4	0.2	22.2	<0.01
E5633361 (4574002)	<0.01	0.31	24.9	866	30.6	13.3	0.004	0.143	1.77	4.7	1.4	0.4	96.7	<0.01
E5633364 (4574003)	<0.01	0.18	24.8	1020	31.4	11.9	0.005	0.193	2.07	4.6	1.5	0.3	211	<0.01
E5633366 (4574004)	<0.01	0.23	23.5	867	32.6	12.1	0.003	0.192	2.08	4.6	1.7	0.4	195	<0.01
E5633367 (4574005)	<0.01	0.23	20.8	626	21.1	10.7	0.002	0.193	1.42	5.2	1.1	0.3	212	<0.01
E5631454 (4574006)	<0.01	0.10	62.9	593	24.6	7.4	<0.001	0.103	0.69	8.7	0.6	0.4	139	<0.01
E5631455 (4574007)	<0.01	0.09	65.5	588	26.0	7.5	<0.001	0.101	0.70	9.0	0.7	0.4	106	<0.01
E5631456 (4574008)	<0.01	0.08	59.9	574	25.2	7.5	<0.001	0.109	0.69	9.0	0.6	0.4	127	<0.01
E5631420 (4574009)	<0.01	0.14	41.7	259	24.9	3.5	<0.001	0.020	0.32	3.2	<0.2	<0.2	18.3	<0.01
E5631421 (4574010)	<0.01	0.06	40.8	243	25.1	2.7	<0.001	0.036	0.30	2.9	<0.2	<0.2	16.9	<0.01
E5631414 (4574011)	<0.01	0.26	33.8	640	34.8	6.2	<0.001	0.008	1.44	5.4	0.4	0.2	21.2	<0.01
E5633749 (4574012)	<0.01	0.48	32.8	784	27.2	8.4	<0.001	0.019	1.00	4.4	0.6	0.4	38.0	<0.01
E5633751 (4574013)	<0.01	0.35	33.6	844	24.9	6.2	<0.001	0.025	0.81	5.0	0.4	0.3	42.9	<0.01
E5633753 (4574014)	<0.01	0.40	33.6	1030	25.5	5.7	<0.001	0.027	0.74	5.3	0.5	0.3	39.1	<0.01

Certified By:

Y. Chen



AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 13Y738870

PROJECT NO:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
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FAX (905)501-0589
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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Jul 22, 2013

DATE RECEIVED: Jul 19, 2013

DATE REPORTED: Aug 28, 2013

SAMPLE TYPE: Soil

Analyte:	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01
Sample ID (AGAT ID)														
E5633754 (4574015)	<0.01	0.30	35.0	793	28.6	5.8	<0.001	0.034	0.74	6.0	0.4	0.3	46.5	<0.01

Certified By:

Y. Chen



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DATE SAMPLED: Jul 22, 2013

DATE RECEIVED: Jul 19, 2013

DATE REPORTED: Aug 28, 2013

SAMPLE TYPE: Soil

Analyte:	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
Sample ID (AGAT ID)										
E5633712 (4573816)	0.07	7.2	<0.005	0.05	1.02	13.4	0.09	10.9	97.6	4.1
E5633713 (4573817)	0.04	6.5	<0.005	0.04	1.10	13.4	<0.05	10.9	97.5	3.7
E5633715 (4573818)	0.10	8.6	0.007	0.12	4.71	28.4	0.05	25.1	173	3.8
E5633717 (4573819)	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC
E5633719 (4573820)	0.07	11.5	0.013	0.05	1.32	23.9	0.06	14.7	115	3.9
E5633720 (4573821)	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC
E5633721 (4573822)	0.06	7.2	<0.005	0.08	3.25	22.2	<0.05	16.2	120	2.7
E5633722 (4573823)	0.05	8.2	<0.005	0.08	2.99	21.6	<0.05	16.5	119	2.9
E5633723 (4573824)	0.05	8.4	<0.005	0.07	2.97	20.7	<0.05	15.5	116	3.4
E5633478 (4573825)	0.07	4.9	0.007	0.05	0.30	45.7	0.05	9.97	78.2	1.3
E5633485 (4573826)	0.09	4.6	0.008	0.05	0.32	54.1	0.05	10.8	79.8	1.4
E5633486 (4573827)	0.10	4.6	0.007	0.05	0.29	68.7	<0.05	10.6	88.6	1.8
E5633487 (4573828)	0.10	4.5	0.007	0.05	0.30	66.6	<0.05	10.6	90.9	1.6
E5633488 (4573829)	0.10	4.5	0.007	0.04	0.25	67.9	<0.05	9.41	90.8	1.5
E5635006 (4573830)	0.04	4.3	0.008	0.24	1.41	153	<0.05	10.4	193	3.0
E5635008 (4573831)	0.04	3.6	0.007	0.23	1.40	128	<0.05	10.2	176	2.6
E5633167 (4573833)	0.03	3.9	0.008	0.12	1.09	56.3	<0.05	13.7	73.4	2.0
E5633169 (4573834)	0.04	3.8	<0.005	0.12	1.13	55.7	0.05	13.7	140	2.5
E5633162 (4573835)	0.02	3.1	<0.005	0.30	0.99	66.6	<0.05	11.3	141	1.5
E5633170 (4573836)	0.03	3.8	<0.005	0.13	1.13	65.0	<0.05	12.4	141	2.4
E5633171 (4573837)	0.04	3.6	0.006	0.20	1.25	90.3	0.06	12.4	164	2.4
E5633172 (4573838)	0.03	3.9	<0.005	0.15	1.17	72.4	0.05	12.4	138	2.4
E5633173 (4573839)	0.02	4.2	0.006	0.13	0.97	52.6	0.05	12.2	123	2.3
E5633174 (4573840)	0.03	4.5	<0.005	0.14	1.22	69.7	0.05	12.8	159	3.6
E5631382 (4573841)	0.06	5.6	<0.005	0.11	1.61	24.7	<0.05	29.2	178	1.3
E5631383 (4573842)	0.06	6.1	<0.005	0.09	1.21	25.1	<0.05	18.3	129	1.5
E5631384 (4573843)	0.06	6.1	<0.005	0.10	1.14	27.5	<0.05	18.8	143	1.5
E5631385 (4573844)	0.07	5.8	<0.005	0.10	1.25	24.4	<0.05	22.2	150	1.2
E5631386 (4573845)	0.06	5.4	<0.005	0.10	1.18	25.1	<0.05	23.5	148	1.2
E5631387 (4573846)	0.05	1.8	0.012	0.14	1.38	41.0	0.24	7.60	80.1	<0.5
E5631389 (4573847)	0.03	0.9	<0.005	0.06	7.10	12.0	0.07	23.3	50.9	1.1
E5631390 (4573848)	0.04	3.1	0.014	0.10	1.30	34.0	0.13	10.4	88.7	1.3

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13Y738870

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CLIENT NAME: AURORA GEOSCIENCES

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Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Jul 22, 2013

DATE RECEIVED: Jul 19, 2013

DATE REPORTED: Aug 28, 2013

SAMPLE TYPE: Soil

Analyte:	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
Sample ID (AGAT ID)										
E5634913 (4573849)	0.05	5.9	0.011	0.07	2.71	28.4	0.05	13.1	113	2.3
E5634914 (4573850)	0.05	5.5	<0.005	0.08	5.03	25.8	<0.05	13.7	126	3.1
E5634915 (4573851)	0.05	5.2	<0.005	0.07	4.56	24.7	<0.05	12.9	124	2.1
E5634916 (4573852)	0.05	6.0	<0.005	0.07	4.49	24.1	<0.05	12.5	114	2.3
E5634917 (4573853)	0.05	8.5	0.006	0.04	0.95	21.5	<0.05	9.08	87.8	4.8
E5634918 (4573854)	0.05	5.4	<0.005	0.05	3.72	20.9	<0.05	12.1	103	3.1
E5634919 (4573855)	0.04	4.1	<0.005	0.05	17.7	19.9	<0.05	9.33	109	3.1
E5631362 (4573856)	0.12	4.4	0.005	0.09	0.61	49.0	0.17	19.1	121	1.9
E5631363 (4573857)	0.10	4.1	0.005	0.09	0.49	51.7	0.14	17.2	107	1.5
E5631366 (4573858)	0.16	3.9	0.007	0.16	1.43	70.1	0.06	29.1	116	1.9
E5631367 (4573859)	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC
E5631368 (4573860)	0.13	6.8	<0.005	0.14	1.40	25.4	0.08	15.4	118	1.9
E5631369 (4573861)	0.12	6.7	<0.005	0.13	1.34	23.8	<0.05	14.4	108	1.6
E5631370 (4573862)	0.10	5.8	<0.005	0.12	1.23	24.9	<0.05	13.9	109	1.1
E5631371 (4573863)	0.09	6.6	<0.005	0.12	1.31	24.5	<0.05	13.8	107	2.0
E5631372 (4573864)	0.09	7.4	<0.005	0.13	1.35	24.4	<0.05	13.4	109	3.5
E5631373 (4573866)	0.09	7.3	<0.005	0.12	1.24	25.5	<0.05	12.9	104	4.1
E5631374 (4573867)	0.08	7.2	<0.005	0.12	1.23	25.2	<0.05	12.4	108	4.0
E5631375 (4573868)	0.07	7.2	<0.005	0.14	1.28	27.0	<0.05	13.2	106	3.1
E5631376 (4573869)	0.08	7.3	<0.005	0.13	1.27	28.1	<0.05	13.4	109	2.8
E5631377 (4573870)	0.07	6.5	<0.005	0.13	2.02	25.0	<0.05	38.6	215	0.9
E5631378 (4573871)	0.07	6.3	<0.005	0.12	1.61	25.8	<0.05	33.8	195	1.2
E5631379 (4573872)	0.07	6.8	<0.005	0.12	1.78	26.6	<0.05	34.3	200	1.1
E5634061 (4573873)	0.08	5.2	0.007	0.11	0.76	39.2	0.06	14.2	109	1.2
E5634062 (4573874)	0.06	5.3	<0.005	0.07	0.36	25.8	<0.05	9.81	69.6	2.3
E5634063 (4573876)	0.06	4.4	<0.005	0.07	0.40	25.0	<0.05	9.47	72.8	1.2
E5634064 (4573877)	0.06	5.2	<0.005	0.07	0.49	29.2	<0.05	10.1	80.6	1.1
E5634065 (4573878)	0.06	4.7	<0.005	0.07	0.43	28.1	<0.05	10.1	79.7	1.3
E5634066 (4573879)	0.07	4.8	<0.005	0.07	0.49	29.8	<0.05	10.3	82.0	1.1
E5634067 (4573880)	0.09	4.8	<0.005	0.07	0.50	30.6	0.07	10.5	84.5	1.4
E5634070 (4573881)	0.10	4.2	0.006	0.10	0.46	45.4	0.06	15.1	96.8	1.1
E5634071 (4573882)	0.08	5.2	0.011	0.07	0.44	45.3	0.07	12.2	84.6	1.1

Certified By:



AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 13Y738870

PROJECT NO:

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

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Jul 22, 2013

DATE RECEIVED: Jul 19, 2013

DATE REPORTED: Aug 28, 2013

SAMPLE TYPE: Soil

Analyte:	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
Sample ID (AGAT ID)										
E5631404 (4573883)	0.06	3.8	0.015	0.13	1.40	39.3	0.09	20.3	115	0.8
E5631405 (4573884)	0.09	4.9	0.007	0.11	0.83	39.1	0.07	14.6	114	1.0
E5631406 (4573885)	0.08	4.8	0.006	0.11	0.79	36.4	<0.05	13.6	105	0.8
E5631407 (4573886)	0.08	4.3	0.008	0.11	0.86	37.4	0.08	15.4	112	1.0
E5631408 (4573887)	0.08	5.3	0.006	0.10	0.84	37.3	<0.05	14.2	108	0.9
E5631409 (4573888)	0.08	5.1	0.006	0.11	0.84	37.6	<0.05	14.4	111	0.8
E5631391 (4573889)	0.06	6.8	<0.005	0.14	1.16	34.2	<0.05	15.7	131	3.8
E5631392 (4573890)	0.11	9.5	<0.005	0.27	1.97	22.3	<0.05	13.8	103	6.4
E5631393 (4573891)	0.09	6.8	<0.005	0.17	2.08	29.6	<0.05	23.1	157	1.7
E5631394 (4573892)	0.11	6.2	0.006	0.12	0.45	31.3	<0.05	13.7	102	0.6
E5631395 (4573893)	0.09	7.1	<0.005	0.15	1.31	35.7	<0.05	19.3	149	1.5
E5631397 (4573894)	0.10	6.1	<0.005	0.15	1.07	39.3	<0.05	19.5	147	1.1
E5631398 (4573895)	0.09	6.0	<0.005	0.13	0.98	39.2	<0.05	17.2	133	1.4
E5631399 (4573896)	0.10	4.8	0.006	0.11	1.00	38.3	<0.05	18.9	141	1.2
E5631400 (4573897)	0.10	5.4	0.006	0.12	0.99	39.9	<0.05	16.8	136	1.3
E5631401 (4573898)	0.11	5.4	0.005	0.11	0.82	42.1	<0.05	15.6	119	1.0
E5631402 (4573899)	0.08	5.2	0.012	0.13	0.92	35.8	0.17	15.4	106	1.1
E5634101 (4573900)	0.04	4.7	<0.005	0.10	1.24	42.7	<0.05	16.4	129	5.4
E5634102 (4573901)	0.04	4.9	<0.005	0.09	1.25	45.1	<0.05	17.2	113	6.7
E5634103 (4573902)	0.03	4.9	<0.005	0.10	1.23	57.2	<0.05	15.7	134	6.8
E5634104 (4573903)	0.02	6.0	<0.005	0.19	1.14	32.5	<0.05	9.94	108	1.9
E5634105 (4573904)	0.07	4.9	0.006	0.32	1.65	61.2	0.12	13.9	143	2.3
E5634106 (4573905)	0.05	7.3	<0.005	0.30	1.80	60.1	0.08	12.3	159	3.1
E5634109 (4573907)	0.05	7.7	<0.005	0.30	1.71	62.7	0.06	12.2	144	2.6
E5634692 (4573908)	0.03	5.8	<0.005	0.37	1.79	33.5	<0.05	10.9	116	7.3
E5634693 (4573909)	0.02	4.8	<0.005	0.20	1.06	26.1	<0.05	9.40	96.4	5.2
E5634694 (4573910)	0.03	6.3	<0.005	0.42	2.08	37.9	<0.05	11.3	130	8.7
E5634695 (4573911)	0.03	6.7	<0.005	0.52	2.18	42.7	<0.05	11.4	143	9.8
E5634696 (4573912)	0.03	6.1	0.006	0.34	1.89	96.1	0.05	13.6	204	5.3
E5634698 (4573913)	0.04	5.0	0.008	0.28	2.01	97.0	0.06	15.1	141	3.4
E5634699 (4573915)	0.03	5.6	<0.005	0.39	1.94	42.7	<0.05	11.4	156	7.0
E5634700 (4573916)	0.03	5.9	<0.005	0.37	2.08	48.2	<0.05	11.3	148	7.9

Certified By:



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AGAT WORK ORDER: 13Y738870

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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Jul 22, 2013

DATE RECEIVED: Jul 19, 2013

DATE REPORTED: Aug 28, 2013

SAMPLE TYPE: Soil

Analyte:	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
Sample ID (AGAT ID)										
E5636621 (4573917)	0.07	6.4	<0.005	0.17	2.54	37.8	<0.05	15.3	149	1.9
E5633175 (4573918)	0.04	4.8	0.006	0.18	1.36	87.8	0.05	13.4	147	3.0
E5633176 (4573919)	0.03	4.9	0.006	0.16	1.27	87.4	0.05	13.1	143	3.6
E5633177 (4573920)	0.03	4.2	0.007	0.21	1.26	85.3	0.05	12.8	161	2.0
E5633178 (4573922)	0.03	5.2	0.005	0.19	1.61	93.1	0.05	13.5	153	4.7
E5633179 (4573923)	0.03	5.0	0.007	0.21	1.47	87.6	<0.05	13.3	150	2.7
E5636623 (4573924)	0.06	5.6	<0.005	0.16	2.43	40.7	0.05	14.5	132	1.3
E5633181 (4573925)	0.05	5.0	0.006	0.25	1.75	94.6	0.10	14.0	202	4.2
E5633182 (4573926)	0.04	5.5	0.005	0.28	1.90	92.9	0.08	13.9	201	4.5
E5636614 (4573927)	0.06	7.6	<0.005	0.16	1.46	38.4	<0.05	17.5	125	2.0
E5636618 (4573928)	0.10	8.6	<0.005	0.20	1.40	44.1	0.05	18.6	157	1.3
E5636631 (4573929)	0.08	7.6	<0.005	0.14	2.69	34.2	0.05	14.1	114	1.1
E5636612 (4573931)	0.11	7.2	<0.005	0.18	2.19	44.7	<0.05	22.0	136	1.2
E5636637 (4573932)	0.04	7.4	<0.005	0.49	2.16	22.9	<0.05	17.3	146	1.3
E5636638 (4573933)	0.04	6.4	<0.005	0.52	2.39	24.2	<0.05	17.6	154	1.4
E5636639 (4573934)	0.05	6.3	<0.005	0.43	2.10	23.0	<0.05	14.6	129	1.0
E5636646 (4573935)	0.05	5.1	<0.005	0.08	0.52	29.6	<0.05	9.25	78.5	1.0
E5631470 (4573936)	0.05	12.6	<0.005	0.07	1.64	18.1	<0.05	15.1	110	3.1
E5631472 (4573937)	0.06	13.5	<0.005	0.06	1.52	18.2	<0.05	14.4	102	3.9
E5631476 (4573938)	0.06	13.8	<0.005	0.06	1.52	17.9	<0.05	14.6	103	4.1
E5631479 (4573939)	0.06	12.9	0.008	0.06	1.96	25.0	0.07	14.0	106	2.1
E5631483 (4573940)	0.07	15.0	0.006	0.06	1.77	22.4	<0.05	15.4	108	3.4
E5631501 (4573941)	0.11	14.9	0.007	0.12	3.79	25.7	<0.05	27.0	169	4.7
E5631504 (4573942)	0.07	15.9	<0.005	0.08	1.13	22.4	<0.05	15.7	86.9	14.9
E5631505 (4573943)	0.07	13.6	<0.005	0.07	1.68	21.0	<0.05	17.3	112	4.1
E5631506 (4573944)	0.07	13.3	<0.005	0.07	1.64	19.6	<0.05	15.5	112	3.4
E5631507 (4573945)	0.09	12.0	<0.005	0.08	1.76	20.0	0.07	16.8	117	2.7
E5631509 (4573946)	0.08	13.3	<0.005	0.07	1.61	18.7	<0.05	15.5	105	3.8
E5636610 (4573947)	0.12	7.7	<0.005	0.14	1.42	40.1	<0.05	19.6	127	1.3
E5633218 (4573948)	0.08	8.5	0.010	0.11	2.56	34.0	0.06	15.7	97.0	3.0
E5633239 (4573949)	0.05	3.6	<0.005	0.07	5.09	20.4	<0.05	24.8	136	3.4
E5633219 (4573950)	0.05	10.3	<0.005	0.17	9.97	32.4	0.07	99.6	353	2.2

Certified By:



AGAT Laboratories

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<http://www.agatlabs.com>

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Jul 22, 2013

DATE RECEIVED: Jul 19, 2013

DATE REPORTED: Aug 28, 2013

SAMPLE TYPE: Soil

Analyte:	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
Sample ID (AGAT ID)										
E5633253 (4573951)	0.06	5.7	<0.005	0.17	11.8	18.6	0.10	94.4	836	2.8
E5633276 (4573952)	0.07	9.1	<0.005	0.05	3.67	22.4	<0.05	13.2	102	3.5
E5633277 (4573953)	0.08	7.8	<0.005	0.05	2.53	23.0	<0.05	11.8	107	2.4
E5633278 (4573954)	0.07	8.2	<0.005	0.05	3.26	21.3	<0.05	13.2	111	3.0
E5633279 (4573955)	0.06	8.0	<0.005	0.05	3.44	20.7	<0.05	12.3	105	2.9
E5633281 (4573956)	0.05	8.1	<0.005	0.05	3.36	21.7	<0.05	12.8	106	2.8
E5633286 (4573957)	0.06	6.0	<0.005	0.06	5.87	22.3	<0.05	11.4	112	3.2
E5633288 (4573958)	0.05	4.9	<0.005	0.06	8.93	20.5	<0.05	10.8	103	3.4
E5633255 (4573959)	0.06	7.0	<0.005	0.22	8.26	22.9	<0.05	108	658	4.0
E5633669 (4573960)	0.12	4.6	0.008	0.06	0.40	59.6	<0.05	10.1	106	1.8
E5633670 (4573961)	0.15	4.7	0.010	0.20	0.30	106	0.05	28.8	117	1.5
E5633686 (4573962)	0.17	3.8	0.009	0.09	0.46	51.9	0.06	11.0	92.7	0.8
E5633687 (4573963)	0.15	3.6	0.011	0.10	0.46	51.7	0.08	12.5	90.9	0.7
E5631946 (4573964)	0.15	4.9	0.008	0.06	0.28	87.4	<0.05	10.2	96.3	1.4
E5631947 (4573965)	0.15	4.6	0.008	0.05	0.26	84.3	0.05	9.54	90.9	1.4
E5631948 (4573966)	0.14	5.0	0.009	0.05	0.30	77.7	<0.05	10.7	90.7	2.0
E5631949 (4573967)	0.14	5.1	0.009	0.07	0.32	88.6	<0.05	10.8	97.9	1.6
E5631950 (4573968)	0.15	4.8	0.008	0.06	0.32	87.5	<0.05	11.0	104	1.5
E5631951 (4573969)	0.13	4.8	0.008	0.05	0.30	86.4	<0.05	10.8	98.1	1.9
E5631952 (4573970)	0.14	4.5	0.007	0.04	0.26	75.9	0.06	9.05	87.2	1.8
E5631953 (4573971)	0.14	4.9	0.008	0.06	0.31	84.9	<0.05	10.9	92.8	2.0
E5631956 (4573972)	0.12	4.6	0.009	0.05	0.33	79.0	<0.05	11.4	94.8	1.5
E5631957 (4573973)	0.13	5.2	0.009	0.05	0.29	80.0	<0.05	10.1	93.4	1.8
E5631958 (4573974)	0.13	4.9	0.009	0.04	0.28	77.7	<0.05	10.8	91.8	1.8
E5633245 (4573975)	0.08	4.0	<0.005	0.12	21.3	22.3	0.08	314	792	4.3
E5633246 (4573976)	0.08	5.2	<0.005	0.21	14.1	33.7	0.16	156	682	3.2
E5633247 (4573977)	0.05	2.1	<0.005	0.12	17.9	15.0	0.05	167	627	2.5
E5633248 (4573978)	0.05	2.6	<0.005	0.10	22.0	19.1	0.06	238	576	3.1
E5633249 (4573979)	0.04	3.5	<0.005	0.12	22.3	12.9	0.14	652	633	4.1
E5633490 (4573980)	0.02	3.5	<0.005	0.11	0.82	33.3	<0.05	11.5	112	1.4
E5633491 (4573981)	0.01	3.4	0.007	0.10	0.68	32.9	<0.05	9.24	174	1.6
E5633492 (4573982)	0.01	2.6	<0.005	0.16	0.58	28.6	<0.05	9.18	207	0.6

Certified By:



Certificate of Analysis

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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Jul 22, 2013

DATE RECEIVED: Jul 19, 2013

DATE REPORTED: Aug 28, 2013

SAMPLE TYPE: Soil

Analyte:	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
Sample ID (AGAT ID)										
E5633494 (4573983)	0.02	2.1	<0.005	0.09	0.86	42.2	<0.05	10.9	178	0.8
E5633495 (4573984)	0.03	3.0	<0.005	0.17	1.18	51.8	<0.05	12.5	156	0.8
E5633496 (4573985)	0.02	3.5	0.006	0.17	1.15	52.5	<0.05	13.7	97.3	1.4
E5633497 (4573986)	0.01	2.9	<0.005	0.18	0.73	33.5	<0.05	10.1	274	0.8
E5633501 (4573987)	0.03	5.0	<0.005	0.25	1.19	45.6	<0.05	8.91	296	2.2
E5633502 (4573988)	0.02	6.4	<0.005	0.04	0.38	9.9	0.06	5.93	41.6	4.1
E5634702 (4573989)	0.03	5.2	<0.005	0.33	1.78	35.6	<0.05	10.1	144	6.2
E5634703 (4573990)	0.04	5.8	<0.005	0.33	1.96	43.7	<0.05	11.2	148	7.6
E5634077 (4573991)	0.09	4.9	0.007	0.09	0.47	39.6	0.07	12.8	96.8	1.4
E5634078 (4573992)	0.10	4.3	0.011	0.09	0.50	47.1	0.07	13.4	96.0	1.0
E5634092 (4573993)	0.12	2.7	0.018	0.14	0.56	62.3	0.21	17.2	101	0.9
E5634098 (4573994)	0.09	2.9	0.008	0.08	0.57	47.3	0.08	9.88	79.4	1.5
E5634082 (4573995)	0.12	4.3	0.011	0.09	0.50	47.8	0.08	13.6	91.2	1.4
E5634084 (4573996)	0.10	4.7	0.007	0.06	0.35	42.0	0.06	9.89	81.7	1.0
E5634085 (4573997)	0.08	4.8	<0.005	0.05	0.31	33.8	<0.05	8.69	66.8	0.9
E5634086 (4573998)	0.09	4.5	0.005	0.06	0.32	37.5	0.05	9.61	76.6	0.8
E5634087 (4573999)	0.09	4.7	0.007	0.06	0.34	41.0	0.05	10.2	79.5	1.3
E5634088 (4574000)	0.08	4.9	0.005	0.06	0.34	36.5	<0.05	8.96	71.1	0.8
E5634089 (4574001)	0.08	4.5	0.006	0.06	0.32	39.3	0.05	9.47	77.5	0.8
E5633361 (4574002)	0.04	5.7	<0.005	0.26	1.58	54.5	<0.05	11.0	141	2.2
E5633364 (4574003)	0.03	6.6	<0.005	0.25	1.57	56.1	<0.05	11.1	166	3.2
E5633366 (4574004)	0.03	5.8	<0.005	0.26	1.51	53.6	<0.05	11.0	183	2.3
E5633367 (4574005)	0.02	6.1	<0.005	0.19	1.10	38.9	<0.05	9.21	120	2.2
E5631454 (4574006)	0.05	6.0	<0.005	0.14	1.01	29.2	<0.05	15.4	128	1.6
E5631455 (4574007)	0.07	6.3	<0.005	0.14	1.09	32.5	<0.05	15.4	133	1.7
E5631456 (4574008)	0.06	6.0	<0.005	0.13	1.08	31.8	<0.05	14.6	125	1.7
E5631420 (4574009)	0.02	13.2	<0.005	0.03	1.52	22.8	<0.05	6.26	124	2.8
E5631421 (4574010)	0.03	13.2	<0.005	0.02	1.11	20.8	<0.05	5.44	118	3.3
E5631414 (4574011)	0.12	8.2	0.014	0.18	1.59	36.3	0.12	11.8	113	3.0
E5633749 (4574012)	0.07	3.8	0.029	0.09	4.37	37.9	0.17	13.7	98.1	1.0
E5633751 (4574013)	0.07	11.2	0.023	0.07	2.02	31.8	0.11	11.9	97.2	4.2
E5633753 (4574014)	0.05	11.0	0.021	0.07	2.09	30.2	0.05	12.3	97.3	2.1

Certified By:

Y. Chen



AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 13Y738870

PROJECT NO:

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<http://www.agatlabs.com>

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Jul 22, 2013

DATE RECEIVED: Jul 19, 2013

DATE REPORTED: Aug 28, 2013

SAMPLE TYPE: Soil

Analyte:	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
Sample ID (AGAT ID)										
E5633754 (4574015)	0.06	11.3	0.010	0.07	2.30	25.3	<0.05	11.5	97.0	2.0

Comments: RDL - Reported Detection Limit

Certified By:

Y. Chen



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Certificate of Analysis

AGAT WORK ORDER: 13Y738870

PROJECT NO:

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

Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)

DATE SAMPLED: Jul 22, 2013

DATE RECEIVED: Jul 19, 2013

DATE REPORTED: Aug 28, 2013

SAMPLE TYPE: Soil

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

E5633712 (4573816)	0.001
E5633713 (4573817)	0.002
E5633715 (4573818)	0.001
E5633717 (4573819)	NRC
E5633719 (4573820)	0.001
E5633720 (4573821)	NRC
E5633721 (4573822)	0.002
E5633722 (4573823)	0.002
E5633723 (4573824)	0.002
E5633478 (4573825)	0.002
E5633485 (4573826)	0.003
E5633486 (4573827)	0.003
E5633487 (4573828)	0.003
E5633488 (4573829)	0.002
E5635006 (4573830)	0.001
E5635008 (4573831)	0.001
E5633167 (4573833)	<0.001
E5633169 (4573834)	<0.001
E5633162 (4573835)	0.002
E5633170 (4573836)	<0.001
E5633171 (4573837)	0.002
E5633172 (4573838)	<0.001
E5633173 (4573839)	<0.001
E5633174 (4573840)	<0.001
E5631382 (4573841)	0.001
E5631383 (4573842)	0.001
E5631384 (4573843)	0.001
E5631385 (4573844)	0.001
E5631386 (4573845)	<0.001
E5631387 (4573846)	0.001
E5631389 (4573847)	0.002
E5631390 (4573848)	<0.001

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Certificate of Analysis

AGAT WORK ORDER: 13Y738870

PROJECT NO:

5623 McADAM ROAD
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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE

Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)

DATE SAMPLED: Jul 22, 2013

DATE RECEIVED: Jul 19, 2013

DATE REPORTED: Aug 28, 2013

SAMPLE TYPE: Soil

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

E5634913 (4573849)	0.002
E5634914 (4573850)	0.003
E5634915 (4573851)	0.002
E5634916 (4573852)	0.002
E5634917 (4573853)	0.002
E5634918 (4573854)	0.002
E5634919 (4573855)	<0.001
E5631362 (4573856)	0.008
E5631363 (4573857)	0.007
E5631366 (4573858)	0.004
E5631367 (4573859)	NRC
E5631368 (4573860)	<0.001
E5631369 (4573861)	<0.001
E5631370 (4573862)	<0.001
E5631371 (4573863)	<0.001
E5631372 (4573864)	<0.001
E5631373 (4573866)	<0.001
E5631374 (4573867)	<0.001
E5631375 (4573868)	0.001
E5631376 (4573869)	<0.001
E5631377 (4573870)	<0.001
E5631378 (4573871)	0.001
E5631379 (4573872)	<0.001
E5634061 (4573873)	0.002
E5634062 (4573874)	<0.001
E5634063 (4573876)	<0.001
E5634064 (4573877)	<0.001
E5634065 (4573878)	<0.001
E5634066 (4573879)	0.001
E5634067 (4573880)	<0.001
E5634070 (4573881)	0.003
E5634071 (4573882)	0.002

Certified By:

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Certificate of Analysis

AGAT WORK ORDER: 13Y738870

PROJECT NO:

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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE

Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)

DATE SAMPLED: Jul 22, 2013

DATE RECEIVED: Jul 19, 2013

DATE REPORTED: Aug 28, 2013

SAMPLE TYPE: Soil

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

E5631404 (4573883)	0.002
E5631405 (4573884)	0.001
E5631406 (4573885)	<0.001
E5631407 (4573886)	0.002
E5631408 (4573887)	<0.001
E5631409 (4573888)	0.001
E5631391 (4573889)	<0.001
E5631392 (4573890)	<0.001
E5631393 (4573891)	0.001
E5631394 (4573892)	0.003
E5631395 (4573893)	0.001
E5631397 (4573894)	0.002
E5631398 (4573895)	0.001
E5631399 (4573896)	0.002
E5631400 (4573897)	0.001
E5631401 (4573898)	0.002
E5631402 (4573899)	0.002
E5634101 (4573900)	0.002
E5634102 (4573901)	0.002
E5634103 (4573902)	0.002
E5634104 (4573903)	<0.001
E5634105 (4573904)	0.002
E5634106 (4573905)	0.002
E5634109 (4573907)	0.001
E5634692 (4573908)	<0.001
E5634693 (4573909)	<0.001
E5634694 (4573910)	<0.001
E5634695 (4573911)	<0.001
E5634696 (4573912)	0.001
E5634698 (4573913)	<0.001
E5634699 (4573915)	0.001
E5634700 (4573916)	<0.001

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AGAT WORK ORDER: 13Y738870

PROJECT NO:

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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE

Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)

DATE SAMPLED: Jul 22, 2013

DATE RECEIVED: Jul 19, 2013

DATE REPORTED: Aug 28, 2013

SAMPLE TYPE: Soil

	Analyte:	Au
	Unit:	ppm
Sample ID (AGAT ID)	RDL:	0.001
E5636621 (4573917)		0.001
E5633175 (4573918)		0.001
E5633176 (4573919)		0.002
E5633177 (4573920)		<0.001
E5633178 (4573922)		0.001
E5633179 (4573923)		0.001
E5636623 (4573924)		0.002
E5633181 (4573925)		0.001
E5633182 (4573926)		0.001
E5636614 (4573927)		0.001
E5636618 (4573928)		0.002
E5636631 (4573929)		0.002
E5636612 (4573931)		0.002
E5636637 (4573932)		0.024
E5636638 (4573933)		0.002
E5636639 (4573934)		<0.001
E5636646 (4573935)		<0.001
E5631470 (4573936)		0.001
E5631472 (4573937)		<0.001
E5631476 (4573938)		0.002
E5631479 (4573939)		0.001
E5631483 (4573940)		0.002
E5631501 (4573941)		0.002
E5631504 (4573942)		0.002
E5631505 (4573943)		0.001
E5631506 (4573944)		<0.001
E5631507 (4573945)		0.001
E5631509 (4573946)		<0.001
E5636610 (4573947)		0.002
E5633218 (4573948)		0.001
E5633239 (4573949)		0.001
E5633219 (4573950)		0.003

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AGAT WORK ORDER: 13Y738870

PROJECT NO:

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MISSISSAUGA, ONTARIO
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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE

Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)

DATE SAMPLED: Jul 22, 2013

DATE RECEIVED: Jul 19, 2013

DATE REPORTED: Aug 28, 2013

SAMPLE TYPE: Soil

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

E5633253 (4573951)	0.001
E5633276 (4573952)	0.001
E5633277 (4573953)	0.002
E5633278 (4573954)	0.002
E5633279 (4573955)	0.001
E5633281 (4573956)	0.001
E5633286 (4573957)	0.001
E5633288 (4573958)	0.003
E5633255 (4573959)	0.001
E5633669 (4573960)	0.004
E5633670 (4573961)	0.008
E5633686 (4573962)	0.016
E5633687 (4573963)	0.004
E5631946 (4573964)	0.005
E5631947 (4573965)	0.004
E5631948 (4573966)	0.005
E5631949 (4573967)	0.005
E5631950 (4573968)	0.005
E5631951 (4573969)	0.005
E5631952 (4573970)	0.003
E5631953 (4573971)	0.004
E5631956 (4573972)	0.005
E5631957 (4573973)	0.005
E5631958 (4573974)	0.004
E5633245 (4573975)	<0.001
E5633246 (4573976)	0.001
E5633247 (4573977)	0.001
E5633248 (4573978)	0.001
E5633249 (4573979)	0.001
E5633490 (4573980)	<0.001
E5633491 (4573981)	<0.001
E5633492 (4573982)	<0.001

Certified By:

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AGAT WORK ORDER: 13Y738870

PROJECT NO:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE

Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)

DATE SAMPLED: Jul 22, 2013

DATE RECEIVED: Jul 19, 2013

DATE REPORTED: Aug 28, 2013

SAMPLE TYPE: Soil

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

E5633494 (4573983)	<0.001
E5633495 (4573984)	0.001
E5633496 (4573985)	0.002
E5633497 (4573986)	<0.001
E5633501 (4573987)	0.002
E5633502 (4573988)	<0.001
E5634702 (4573989)	<0.001
E5634703 (4573990)	0.001
E5634077 (4573991)	0.004
E5634078 (4573992)	0.006
E5634092 (4573993)	0.007
E5634098 (4573994)	0.002
E5634082 (4573995)	0.005
E5634084 (4573996)	0.003
E5634085 (4573997)	0.001
E5634086 (4573998)	0.002
E5634087 (4573999)	0.003
E5634088 (4574000)	0.002
E5634089 (4574001)	0.003
E5633361 (4574002)	0.001
E5633364 (4574003)	0.002
E5633366 (4574004)	<0.001
E5633367 (4574005)	<0.001
E5631454 (4574006)	0.001
E5631455 (4574007)	<0.001
E5631456 (4574008)	<0.001
E5631420 (4574009)	0.001
E5631421 (4574010)	<0.001
E5631414 (4574011)	0.002
E5633749 (4574012)	0.002
E5633751 (4574013)	0.002
E5633753 (4574014)	0.002

Certified By:

Y. Chen



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AGAT WORK ORDER: 13Y738870

PROJECT NO:

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

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE

Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)

DATE SAMPLED: Jul 22, 2013

DATE RECEIVED: Jul 19, 2013

DATE REPORTED: Aug 28, 2013

SAMPLE TYPE: Soil

Analyte:	Au
Unit:	ppm
Sample ID (AGAT ID)	RDL: 0.001
E5633754 (4574015)	0.002

Comments: RDL - Reported Detection Limit

Certified By:

Y. Chen



CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

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	4573932	0.10	0.10	0.0%	4573836	0.270	0.222	19.5%	4573855	0.15	0.14	6.9%	4573868	0.11	0.13	16.7%
Al	4573932	1.12	1.15	2.6%	4573836	0.81	0.85	4.8%	4573855	1.69	1.71	1.2%	4573868	0.96	1.02	6.1%
As	4573932	12.8	13.1	2.3%	4573836	6.2	7.7	21.6%	4573855	10.6	11.2	5.5%	4573868	14.3	15.1	5.4%
Au	4573932	< 0.01	< 0.01	0.0%	4573836	< 0.01	< 0.01	0.0%	4573855	< 0.01	< 0.01	0.0%	4573868	< 0.01	< 0.01	0.0%
B	4573932	< 5	< 5	0.0%	4573836	10	9	10.5%	4573855	< 5	< 5	0.0%	4573868	< 5	< 5	0.0%
Ba	4573932	56	57	1.8%	4573836	576	575	0.2%	4573855	99	102	3.0%	4573868	60	58	3.4%
Be	4573932	0.833	0.873	4.7%	4573836	0.59	0.58	1.7%	4573855	0.83	0.82	1.2%	4573868	0.91	0.91	0.0%
Bi	4573932	0.25	0.25	0.0%	4573836	0.06	0.06	0.0%	4573855	0.304	0.309	1.6%	4573868	0.30	0.31	3.3%
Ca	4573932	0.29	0.29	0.0%	4573836	14.5	15.4	6.0%	4573855	0.80	0.80	0.0%	4573868	2.96	3.14	5.9%
Cd	4573932	0.48	0.48	0.0%	4573836	1.09	1.14	4.5%	4573855	0.13	0.13	0.0%	4573868	0.25	0.25	0.0%
Ce	4573932	19.9	22.2	10.9%	4573836	29.5	29.2	1.0%	4573855	17.2	17.3	0.6%	4573868	26.7	25.3	5.4%
Co	4573932	25.6	26.4	3.1%	4573836	5.61	5.79	3.2%	4573855	12.7	12.8	0.8%	4573868	28.8	29.8	3.4%
Cr	4573932	14.3	15.4	7.4%	4573836	13.4	12.6	6.2%	4573855	26.7	26.4	1.1%	4573868	15.9	16.2	1.9%
Cs	4573932	3.90	3.79	2.9%	4573836	0.904	0.914	1.1%	4573855	1.62	1.51	7.0%	4573868	3.12	2.94	5.9%
Cu	4573932	55.1	57.3	3.9%	4573836	25.1	25.7	2.4%	4573855	39.2	40.1	2.3%	4573868	105	102	2.9%
Fe	4573932	5.10	5.10	0.0%	4573836	1.39	1.45	4.2%	4573855	3.46	3.44	0.6%	4573868	5.30	5.64	6.2%
Ga	4573932	2.57	2.59	0.8%	4573836	2.79	2.88	3.2%	4573855	4.92	4.97	1.0%	4573868	2.92	2.97	1.7%
Ge	4573932	0.141	0.133	5.8%	4573836	< 0.05	< 0.05	0.0%	4573855	0.12	0.13	8.0%	4573868	0.09	0.09	0.0%
Hf	4573932	0.03	0.03	0.0%	4573836	0.05	0.10		4573855	0.103	0.122	16.9%	4573868	0.14	0.10	33.3%
Hg	4573932	0.05	0.05	0.0%	4573836	0.033	0.037	11.4%	4573855	0.07	0.07	0.0%	4573868	0.122	0.129	5.6%
In	4573932	0.041	0.041	0.0%	4573836	0.021	0.022	4.7%	4573855	0.0268	0.0286	6.5%	4573868	0.043	0.043	0.0%
K	4573932	0.090	0.098	8.5%	4573836	0.22	0.23	4.4%	4573855	0.07	0.07	0.0%	4573868	0.09	0.09	0.0%
La	4573932	6.90	7.58	9.4%	4573836	14.7	14.6	0.7%	4573855	8.7	8.7	0.0%	4573868	13.2	12.4	6.3%
Li	4573932	19.9	21.0	5.4%	4573836	19.1	20.2	5.6%	4573855	56.2	56.4	0.4%	4573868	17.9	18.2	1.7%
Mg	4573932	0.341	0.345	1.2%	4573836	2.69	2.83	5.1%	4573855	0.862	0.869	0.8%	4573868	0.593	0.631	6.2%
Mn	4573932	648	677	4.4%	4573836	257	252	2.0%	4573855	564	560	0.7%	4573868	1070	1070	0.0%
Mo	4573932	1.38	1.37	0.7%	4573836	3.30	3.65	10.1%	4573855	0.89	1.08	19.3%	4573868	1.86	1.90	2.1%
Na	4573932	< 0.01	< 0.01	0.0%	4573836	0.01	0.01	0.0%	4573855	< 0.01	< 0.01	0.0%	4573868	< 0.01	< 0.01	0.0%
Nb	4573932	0.150	0.157	4.6%	4573836	0.25	0.28	11.3%	4573855	0.183	0.207	12.3%	4573868	0.14	0.12	15.4%
Ni	4573932	65.7	66.8	1.7%	4573836	14.2	13.3	6.5%	4573855	27.5	27.7	0.7%	4573868	47.9	48.6	1.5%
P	4573932	617	625	1.3%	4573836	1120	1100	1.8%	4573855	685	684	0.1%	4573868	731	718	1.8%



CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE

Pb	4573932	20.9	20.5	1.9%	4573836	15.1	15.1	0.0%	4573855	21.6	22.0	1.8%	4573868	22.3	22.7	1.8%
Rb	4573932	8.67	9.05	4.3%	4573836	12.7	13.0	2.3%	4573855	8.1	8.1	0.0%	4573868	6.05	5.74	5.3%
Re	4573932	0.001	0.001	0.0%	4573836	< 0.001	< 0.001	0.0%	4573855	< 0.001	< 0.001	0.0%	4573868	0.004	0.004	0.0%
S	4573932	0.100	0.100	0.0%	4573836	0.234	0.249	6.2%	4573855	0.0872	0.0878	0.7%	4573868	0.203	0.217	6.7%
Sb	4573932	0.62	0.61	1.6%	4573836	1.25	1.32	5.4%	4573855	0.45	0.48	6.5%	4573868	0.69	0.69	0.0%
Sc	4573932	7.8	8.2	5.0%	4573836	4.1	4.0	2.5%	4573855	4.62	4.69	1.5%	4573868	8.2	8.3	1.2%
Se	4573932	0.8	0.8	0.0%	4573836	1.3	1.3	0.0%	4573855	3.94	4.03	2.3%	4573868	1.1	1.1	0.0%
Sn	4573932	0.4	0.4	0.0%	4573836	0.3	0.3	0.0%	4573855	0.3	0.3	0.0%	4573868	0.3	0.3	0.0%
Sr	4573932	50.4	49.6	1.6%	4573836	618	633	2.4%	4573855	93.1	96.1	3.2%	4573868	172	173	0.6%
Ta	4573932	< 0.01	< 0.01	0.0%	4573836	< 0.01	< 0.01	0.0%	4573855	< 0.01	< 0.01	0.0%	4573868	< 0.01	< 0.01	0.0%
Te	4573932	0.042	0.051	19.4%	4573836	0.03	0.03	0.0%	4573855	0.04	0.05	22.2%	4573868	0.074	0.075	1.3%
Th	4573932	7.4	7.1	4.1%	4573836	3.8	3.6	5.4%	4573855	4.1	4.2	2.4%	4573868	7.2	7.2	0.0%
Ti	4573932	< 0.005	< 0.005	0.0%	4573836	< 0.005	< 0.005	0.0%	4573855	< 0.005	< 0.005	0.0%	4573868	< 0.005	< 0.005	0.0%
Tl	4573932	0.490	0.483	1.4%	4573836	0.13	0.13	0.0%	4573855	0.05	0.05	0.0%	4573868	0.14	0.14	0.0%
U	4573932	2.16	2.15	0.5%	4573836	1.13	1.13	0.0%	4573855	17.7	18.1	2.2%	4573868	1.28	1.29	0.8%
V	4573932	22.9	23.8	3.9%	4573836	65.0	63.6	2.2%	4573855	19.9	20.2	1.5%	4573868	27.0	26.2	3.0%
W	4573932	< 0.05	< 0.05	0.0%	4573836	< 0.05	< 0.05	0.0%	4573855	< 0.05	< 0.05	0.0%	4573868	< 0.05	< 0.05	0.0%
Y	4573932	17.3	17.4	0.6%	4573836	12.4	12.8	3.2%	4573855	9.33	9.68	3.7%	4573868	13.2	13.1	0.8%
Zn	4573932	146	145	0.7%	4573836	141	150	6.2%	4573855	109	109	0.0%	4573868	106	115	8.1%
Zr	4573932	1.3	1.3	0.0%	4573836	2.41	2.76	13.5%	4573855	3.1	3.1	0.0%	4573868	3.1	3.1	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	4573888	0.12	0.12	0.0%	4573922	0.48	0.52	8.0%	4573942	0.216	0.184	16.0%	4573961	0.207	0.201	2.9%
Al	4573888	1.34	1.30	3.0%	4573922	1.18	1.27	7.3%	4573942	1.73	1.73	0.0%	4573961	2.78	2.70	2.9%
As	4573888	12.0	12.2	1.7%	4573922	8.3	8.6	3.6%	4573942	7.55	7.42	1.7%	4573961	21.4	20.4	4.8%
Au	4573888	< 0.01	< 0.01	0.0%	4573922	< 0.01	< 0.01	0.0%	4573942	< 0.01	< 0.01	0.0%	4573961	0.01	0.01	0.0%
B	4573888	< 5	< 5	0.0%	4573922	16	17	6.1%	4573942	< 5	< 5	0.0%	4573961	< 5	< 5	0.0%
Ba	4573888	102	102	0.0%	4573922	835	936	11.4%	4573942	69	65	6.0%	4573961	320	302	5.8%
Be	4573888	0.914	0.894	2.2%	4573922	0.73	0.77	5.3%	4573942	0.85	0.80	6.1%	4573961	1.23	1.25	1.6%
Bi	4573888	0.244	0.249	2.0%	4573922	0.074	0.082	10.3%	4573942	0.270	0.277	2.6%	4573961	0.22	0.22	0.0%
Ca	4573888	2.69	2.66	1.1%	4573922	13.3	14.2	6.5%	4573942	10.9	11.1	1.8%	4573961	1.34	1.33	0.7%
Cd	4573888	0.35	0.36	2.8%	4573922	1.53	1.60	4.5%	4573942	0.141	0.146	3.5%	4573961	0.715	0.679	5.2%
Ce	4573888	27.8	27.7	0.4%	4573922	33.1	36.1	8.7%	4573942	36.8	35.4	3.9%	4573961	47.5	46.1	3.0%
Co	4573888	27.2	27.1	0.4%	4573922	7.45	7.76	4.1%	4573942	16.9	17.0	0.6%	4573961	72.0	72.2	0.3%



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Cr	4573888	21.4	22.0	2.8%	4573922	18.4	18.5	0.5%	4573942	20.5	20.6	0.5%	4573961	41.6	43.7	4.9%
Cs	4573888	2.66	2.75	3.3%	4573922	1.38	1.46	5.6%	4573942	3.03	2.81	7.5%	4573961	11.3	11.1	1.8%
Cu	4573888	79.3	80.9	2.0%	4573922	37.6	37.3	0.8%	4573942	39.0	39.4	1.0%	4573961	333	341	2.4%
Fe	4573888	5.14	5.01	2.6%	4573922	1.80	1.90	5.4%	4573942	3.46	3.57	3.1%	4573961	7.13	7.04	1.3%
Ga	4573888	4.01	3.92	2.3%	4573922	3.99	4.32	7.9%	4573942	4.75	4.58	3.6%	4573961	9.99	9.94	0.5%
Ge	4573888	0.125	0.117	6.6%	4573922	< 0.05	< 0.05	0.0%	4573942	< 0.05	< 0.05	0.0%	4573961	0.16	0.16	0.0%
Hf	4573888	< 0.02	< 0.02	0.0%	4573922	0.081	0.086	6.0%	4573942	0.26	0.29	10.9%	4573961	0.08	0.07	13.3%
Hg	4573888	0.08	0.08	0.0%	4573922	0.05	0.06	18.2%	4573942	0.02	0.03		4573961	0.07	0.07	0.0%
In	4573888	0.0394	0.0418	5.9%	4573922	0.0263	0.0283	7.3%	4573942	0.037	0.037	0.0%	4573961	0.088	0.085	3.5%
K	4573888	0.089	0.084	5.8%	4573922	0.37	0.40	7.8%	4573942	0.23	0.21	9.1%	4573961	0.10	0.10	0.0%
La	4573888	13.0	12.8	1.6%	4573922	16.6	18.1	8.6%	4573942	15.0	13.9	7.6%	4573961	21.3	20.7	2.9%
Li	4573888	23.9	23.6	1.3%	4573922	24.1	24.1	0.0%	4573942	46.7	45.6	2.4%	4573961	36.4	35.6	2.2%
Mg	4573888	0.849	0.830	2.3%	4573922	2.38	2.52	5.7%	4573942	0.59	0.60	1.7%	4573961	2.08	2.02	2.9%
Mn	4573888	1290	1300	0.8%	4573922	263	262	0.4%	4573942	543	553	1.8%	4573961	2780	2860	2.8%
Mo	4573888	1.42	1.43	0.7%	4573922	5.12	5.48	6.8%	4573942	0.409	0.400	2.2%	4573961	1.36	1.31	3.7%
Na	4573888	< 0.01	< 0.01	0.0%	4573922	0.01	0.01	0.0%	4573942	< 0.01	< 0.01	0.0%	4573961	< 0.01	< 0.01	0.0%
Nb	4573888	0.15	0.15	0.0%	4573922	0.296	0.289	2.4%	4573942	0.05	0.04	22.2%	4573961	0.33	0.31	6.3%
Ni	4573888	44.4	44.4	0.0%	4573922	18.7	18.4	1.6%	4573942	26.6	27.1	1.9%	4573961	47.7	48.8	2.3%
P	4573888	670	705	5.1%	4573922	1410	1380	2.2%	4573942	1100	1120	1.8%	4573961	642	637	0.8%
Pb	4573888	20.6	21.0	1.9%	4573922	21.8	21.2	2.8%	4573942	20.1	20.3	1.0%	4573961	30.2	29.9	1.0%
Rb	4573888	7.2	7.1	1.4%	4573922	20.2	22.1	9.0%	4573942	12.7	10.7	17.1%	4573961	9.6	9.6	0.0%
Re	4573888	< 0.001	< 0.001	0.0%	4573922	0.0034	0.0042	21.1%	4573942	< 0.001	< 0.001	0.0%	4573961	< 0.001	< 0.001	0.0%
S	4573888	0.0976	0.0950	2.7%	4573922	0.295	0.309	4.6%	4573942	0.130	0.133	2.3%	4573961	0.057	0.053	7.3%
Sb	4573888	0.775	0.817	5.3%	4573922	1.91	2.02	5.6%	4573942	0.46	0.44	4.4%	4573961	0.84	0.81	3.6%
Sc	4573888	8.80	8.64	1.8%	4573922	5.0	5.2	3.9%	4573942	6.7	6.7	0.0%	4573961	33.8	34.0	0.6%
Se	4573888	0.8	0.8	0.0%	4573922	1.5	1.5	0.0%	4573942	0.52	0.59	12.6%	4573961	1.41	1.35	4.3%
Sn	4573888	0.35	0.35	0.0%	4573922	0.5	0.5	0.0%	4573942	0.3	0.3	0.0%	4573961	0.5	0.5	0.0%
Sr	4573888	123	124	0.8%	4573922	527	567	7.3%	4573942	612	608	0.7%	4573961	44.7	43.7	2.3%
Ta	4573888	< 0.01	< 0.01	0.0%	4573922	< 0.01	< 0.01	0.0%	4573942	< 0.01	< 0.01	0.0%	4573961	< 0.01	< 0.01	0.0%
Te	4573888	0.08	0.08	0.0%	4573922	0.03	0.03	0.0%	4573942	0.067	0.061	9.4%	4573961	0.15	0.16	6.5%
Th	4573888	5.06	5.00	1.2%	4573922	5.20	5.68	8.8%	4573942	15.9	16.1	1.3%	4573961	4.7	4.6	2.2%
Ti	4573888	0.006	0.006	0.0%	4573922	0.005	0.005	0.0%	4573942	< 0.005	< 0.005	0.0%	4573961	0.010	0.010	0.0%
Tl	4573888	0.11	0.11	0.0%	4573922	0.195	0.207	6.0%	4573942	0.08	0.08	0.0%	4573961	0.196	0.194	1.0%
U	4573888	0.84	0.84	0.0%	4573922	1.61	1.76	8.9%	4573942	1.13	1.10	2.7%	4573961	0.30	0.30	0.0%



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V	4573888	37.6	36.4	3.2%	4573922	93.1	92.2	1.0%	4573942	22.4	21.6	3.6%	4573961	106	109	2.8%
W	4573888	< 0.05	< 0.05	0.0%	4573922	0.05	0.05	0.0%	4573942	< 0.05	< 0.05	0.0%	4573961	0.05	0.10	
Y	4573888	14.4	14.5	0.7%	4573922	13.5	14.3	5.8%	4573942	15.7	15.2	3.2%	4573961	28.8	28.5	1.0%
Zn	4573888	111	109	1.8%	4573922	153	163	6.3%	4573942	86.9	88.9	2.3%	4573961	117	114	2.6%
Zr	4573888	0.8	0.8	0.0%	4573922	4.73	5.16	8.7%	4573942	14.9	16.6	10.8%	4573961	1.46	1.31	10.8%
REPLICATE #9					REPLICATE #10					REPLICATE #11						
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Ag	4573973	0.13	0.11	16.7%	4573991	0.15	0.13	14.3%	4573998	0.112	0.121	7.7%				
Al	4573973	2.51	2.38	5.3%	4573991	1.37	1.32	3.7%	4573998	1.00	1.09	8.6%				
As	4573973	7.2	6.8	5.7%	4573991	21.6	21.6	0.0%	4573998	11.2	10.8	3.6%				
Au	4573973	< 0.01	< 0.01	0.0%	4573991	< 0.01	< 0.01	0.0%	4573998	< 0.01	< 0.01	0.0%				
B	4573973	< 5	< 5	0.0%	4573991	< 5	< 5	0.0%	4573998	< 5	< 5	0.0%				
Ba	4573973	105	108	2.8%	4573991	124	131	5.5%	4573998	137	141	2.9%				
Be	4573973	0.680	0.688	1.2%	4573991	0.981	0.924	6.0%	4573998	0.642	0.665	3.5%				
Bi	4573973	0.21	0.21	0.0%	4573991	0.26	0.27	3.8%	4573998	0.20	0.20	0.0%				
Ca	4573973	0.935	0.886	5.4%	4573991	0.659	0.641	2.8%	4573998	1.82	1.94	6.4%				
Cd	4573973	0.28	0.27	3.6%	4573991	0.53	0.53	0.0%	4573998	0.290	0.281	3.2%				
Ce	4573973	40.5	40.4	0.2%	4573991	47.0	46.4	1.3%	4573998	30.1	32.2	6.7%				
Co	4573973	28.1	28.3	0.7%	4573991	18.2	17.9	1.7%	4573998	16.7	16.5	1.2%				
Cr	4573973	39.9	37.6	5.9%	4573991	17.5	17.4	0.6%	4573998	15.8	16.6	4.9%				
Cs	4573973	1.95	1.95	0.0%	4573991	5.19	5.43	4.5%	4573998	2.72	2.85	4.7%				
Cu	4573973	138	137	0.7%	4573991	74.7	77.5	3.7%	4573998	77.5	80.2	3.4%				
Fe	4573973	5.91	5.56	6.1%	4573991	4.96	4.84	2.4%	4573998	3.78	4.11	8.4%				
Ga	4573973	8.84	8.69	1.7%	4573991	4.31	4.23	1.9%	4573998	3.56	3.49	2.0%				
Ge	4573973	0.16	0.16	0.0%	4573991	0.138	0.147	6.3%	4573998	0.13	0.13	0.0%				
Hf	4573973	0.05	0.05	0.0%	4573991	0.05	0.04	22.2%	4573998	0.02	0.02	0.0%				
Hg	4573973	0.08	0.06	28.6%	4573991	0.10	0.10	0.0%	4573998	0.09	0.13					
In	4573973	0.0349	0.0343	1.7%	4573991	0.044	0.042	4.7%	4573998	0.0348	0.0343	1.4%				
K	4573973	0.07	0.07	0.0%	4573991	0.068	0.065	4.5%	4573998	0.054	0.061	12.2%				
La	4573973	18.6	18.8	1.1%	4573991	21.9	21.9	0.0%	4573998	13.7	14.5	5.7%				
Li	4573973	29.4	28.7	2.4%	4573991	22.1	21.6	2.3%	4573998	15.7	16.0	1.9%				
Mg	4573973	2.13	2.02	5.3%	4573991	0.98	0.95	3.1%	4573998	1.40	1.49	6.2%				
Mn	4573973	742	733	1.2%	4573991	964	991	2.8%	4573998	730	768	5.1%				
Mo	4573973	0.769	0.751	2.4%	4573991	1.38	1.34	2.9%	4573998	0.846	0.781	8.0%				



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Na	4573973	< 0.01	< 0.01	0.0%	4573991	< 0.01	< 0.01	0.0%	4573998	< 0.01	< 0.01	0.0%				
Nb	4573973	0.12	0.11	8.7%	4573991	0.240	0.224	6.9%	4573998	0.124	0.128	3.2%				
Ni	4573973	41.6	40.7	2.2%	4573991	25.1	25.6	2.0%	4573998	23.6	25.0	5.8%				
P	4573973	620	616	0.6%	4573991	703	718	2.1%	4573998	508	520	2.3%				
Pb	4573973	13.5	13.4	0.7%	4573991	32.0	33.2	3.7%	4573998	18.4	18.8	2.2%				
Rb	4573973	4.68	4.64	0.9%	4573991	5.82	5.75	1.2%	4573998	4.3	4.4	2.3%				
Re	4573973	< 0.001	< 0.001	0.0%	4573991	< 0.001	< 0.001	0.0%	4573998	< 0.001	< 0.001	0.0%				
S	4573973	0.101	0.097	4.0%	4573991	0.045	0.044	2.2%	4573998	0.076	0.080	5.1%				
Sb	4573973	0.449	0.435	3.2%	4573991	1.49	1.50	0.7%	4573998	0.902	0.931	3.2%				
Sc	4573973	9.0	8.8	2.2%	4573991	6.8	6.8	0.0%	4573998	6.3	6.3	0.0%				
Se	4573973	0.7	0.6	15.4%	4573991	0.6	0.6	0.0%	4573998	0.43	0.45	4.5%				
Sn	4573973	0.2	0.2	0.0%	4573991	0.3	0.3	0.0%	4573998	0.2	0.2	0.0%				
Sr	4573973	27.7	27.4	1.1%	4573991	25.6	25.1	2.0%	4573998	22.6	22.1	2.2%				
Ta	4573973	< 0.01	< 0.01	0.0%	4573991	< 0.01	< 0.01	0.0%	4573998	< 0.01	< 0.01	0.0%				
Te	4573973	0.131	0.139	5.9%	4573991	0.09	0.10	10.5%	4573998	0.090	0.083	8.1%				
Th	4573973	5.20	5.28	1.5%	4573991	4.9	4.7	4.2%	4573998	4.54	4.63	2.0%				
Ti	4573973	0.009	0.009	0.0%	4573991	0.007	0.007	0.0%	4573998	0.0054	0.0064	16.9%				
Tl	4573973	0.05	0.05	0.0%	4573991	0.09	0.09	0.0%	4573998	0.06	0.06	0.0%				
U	4573973	0.293	0.300	2.4%	4573991	0.47	0.47	0.0%	4573998	0.32	0.32	0.0%				
V	4573973	80.0	77.3	3.4%	4573991	39.6	39.2	1.0%	4573998	37.5	40.2	6.9%				
W	4573973	< 0.05	< 0.05	0.0%	4573991	0.07	0.06	15.4%	4573998	0.05	0.06	18.2%				
Y	4573973	10.1	9.98	1.2%	4573991	12.8	12.6	1.6%	4573998	9.61	9.52	0.9%				
Zn	4573973	93.4	89.6	4.2%	4573991	96.8	94.4	2.5%	4573998	76.6	79.8	4.1%				
Zr	4573973	1.8	1.8	0.0%	4573991	1.4	1.1	24.0%	4573998	0.81	0.86	6.0%				

Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)

	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	4573816	0.001	< 0.001		4573836	< 0.001	< 0.001	0.0%	4573855	< 0.001	< 0.001	0.0%	4573868	0.001	0.001	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
Au	4573888	0.001	0.001	0.0%	4573922	0.001	0.001	0.0%	4573942	0.002	< 0.001		4573961	0.0085	0.0098	14.2%
	REPLICATE #9				REPLICATE #10				REPLICATE #11							
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Au	4573973	0.0046	0.0040	14.0%	4573991	0.004	0.002		4573998	0.002	0.002	0.0%				



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Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

	CRM #1 (CFRM-100)				CRM #2 (CU186)				CRM #3 (CU186)				CRM #4 (CU186)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag					14	14.2	102%	90% - 110%	14	13.8	98%	90% - 110%	14	15.2	108%	90% - 110%
Co	180	164	91%	90% - 110%												
Cu					6000	5630	94%	90% - 110%	6000	5565	93%	90% - 110%	6000	5576	93%	90% - 110%
	CRM #5 (CU186)				CRM #6 (CU186)				CRM #7 (CU186)				CRM #8 (CU186)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag	14	14.5	103%	90% - 110%	14	13.1	93%	90% - 110%	14	14.5	104%	90% - 110%	14	14.3	102%	90% - 110%
Cu	6000	6043	101%	90% - 110%	6000	6205	103%	90% - 110%	6000	5417	90%	90% - 110%	6000	5797	97%	90% - 110%
	CRM #9 (CU186)				CRM #10 (CU186)				CRM #11 (CU186)				CRM #12 (CU186)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag	14	14.7	105%	90% - 110%	14	13.4	96%	90% - 110%	14	14.7	105%	90% - 110%	14	14.3	102%	90% - 110%
Cu	6000	5835	97%	90% - 110%	6000	5510	92%	90% - 110%	6000	5561	93%	90% - 110%	6000	5592	93%	90% - 110%
	CRM #13 (CU186)				CRM #14 (CU186)				CRM #15 (CU186)							
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Ag	14	12.5	90%	90% - 110%	14	13.2	94%	90% - 110%	14	13	93%	90% - 110%				
Cu	6000	5883	98%	90% - 110%	6000	5661	94%	90% - 110%	6000	6089	101%	90% - 110%				

Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)

	CRM #1 (1P5F)				CRM #2 (CM14)				CRM #3 (GS7E)				CRM #4 (1P5F)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	1.40	1.37	98%	90% - 110%	0.792	0.81	102%	90% - 110%	7.4	7.4	100%	90% - 110%	1.40	1.31	94%	90% - 110%
	CRM #5 (GS7E)															
Parameter	Expect	Actual	Recovery	Limits												
Au	7.4	8.2	110%	90% - 110%												

Method Summary

CLIENT NAME: AURORA GEOSCIENCES
AGAT WORK ORDER: 13Y738870
PROJECT NO:
ATTENTION TO: DAVE WHITE

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12017		ICP-MS
Al	MIN-200-12017		ICP/OES
As	MIN-200-12017		ICP-MS
Au	MIN-200-12017		ICP-MS
B	MIN-200-12017		ICP/OES
Ba	MIN-200-12017		ICP-MS
Be	MIN-200-12017		ICP-MS
Bi	MIN-200-12017		ICP-MS
Ca	MIN-200-12017		ICP/OES
Cd	MIN-200-12017		ICP-MS
Ce	MIN-200-12017		ICP-MS
Co	MIN-200-12017		ICP-MS
Cr	MIN-200-12017		ICP/OES
Cs	MIN-200-12017		ICP-MS
Cu	MIN-200-12017		ICP-MS
Fe	MIN-200-12017		ICP/OES
Ga	MIN-200-12017		ICP-MS
Ge	MIN-200-12017		ICP-MS
Hf	MIN-200-12017		ICP-MS
Hg	MIN-200-12017		ICP-MS
In	MIN-200-12017		ICP-MS
K	MIN-200-12017		ICP/OES
La	MIN-200-12017		ICP-MS
Li	MIN-200-12017		ICP-MS
Mg	MIN-200-12017		ICP/OES
Mn	MIN-200-12017		ICP/OES
Mo	MIN-200-12017		ICP-MS
Na	MIN-200-12017		ICP/OES
Nb	MIN-200-12017		ICP-MS
Ni	MIN-200-12017		ICP-MS
P	MIN-200-12017		ICP/OES
Pb	MIN-200-12017		ICP-MS
Rb	MIN-200-12017		ICP-MS
Re	MIN-200-12017		ICP-MS
S	MIN-200-12017		ICP/OES
Sb	MIN-200-12017		ICP-MS
Sc	MIN-200-12017		ICP-MS
Se	MIN-200-12017		ICP-MS
Sn	MIN-200-12017		ICP-MS
Sr	MIN-200-12017		ICP-MS
Ta	MIN-200-12017		ICP-MS
Te	MIN-200-12017		ICP-MS
Th	MIN-200-12017		ICP-MS
Ti	MIN-200-12017		ICP/OES
Tl	MIN-200-12017		ICP-MS
U	MIN-200-12017		ICP-MS
V	MIN-200-12017		ICP/OES
W	MIN-200-12017		ICP-MS

Method Summary

CLIENT NAME: AURORA GEOSCIENCES

AGAT WORK ORDER: 13Y738870

PROJECT NO:

ATTENTION TO: DAVE WHITE

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