

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

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

**PROJECT NO:**

**AGAT WORK ORDER: 14Y860576**

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

**DATE REPORTED: Jul 21, 2014**

**PAGES (INCLUDING COVER): 44**

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

**\*NOTES**

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



## Certificate of Analysis

AGAT WORK ORDER: 14Y860576

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

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

DATE SAMPLED: Jul 07, 2014

DATE RECEIVED: Jul 07, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

Analyte:	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.1	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05
Sample ID (AGAT ID)														
E5578360 (5546362)	0.04	2.71	9.2	0.009	<5	199	1.31	0.40	0.17	0.35	75.2	30.2	31.6	3.31
E5578361 (5546363)	0.08	3.11	8.9	0.010	<5	400	1.09	0.29	0.53	0.47	32.2	30.3	39.9	2.51
E5578362 (5546364)	0.12	3.53	6.1	0.020	<5	364	1.08	0.27	0.63	0.61	28.6	30.3	47.6	1.87
E5578363 (5546365)	0.11	3.95	6.8	0.018	<5	494	1.10	0.27	0.46	1.01	33.9	43.6	49.6	2.21
E5578364 (5546366)	0.06	1.96	14.8	0.016	<5	141	1.54	0.34	0.18	0.21	46.8	54.3	25.8	8.78
E5578365 (5546367)	0.10	2.33	13.3	0.032	<5	444	3.03	0.47	0.14	0.34	60.7	69.1	28.1	19.4
E5578366 (5546368)	0.10	3.43	9.3	0.016	<5	615	1.15	0.31	0.24	0.57	34.7	48.5	47.1	4.87
E5578367 (5546369)	0.07	3.23	9.9	0.016	<5	309	0.86	0.26	0.24	0.38	32.7	56.1	44.6	2.76
E5578368 (5546370)	0.19	3.11	8.1	0.025	<5	411	1.25	0.30	0.57	0.55	31.8	57.7	43.2	2.78
E5578369 (5546371)	0.46	3.30	9.0	0.133	<5	739	1.20	0.29	0.45	1.14	34.2	182	51.0	4.53
E5578370 (5546372)	0.30	3.13	7.0	0.052	<5	750	1.10	0.26	0.54	0.74	42.9	58.6	42.4	3.59
E5578371 (5546373)	0.13	2.53	9.1	0.006	<5	552	1.00	0.25	0.82	0.43	27.4	39.8	39.4	1.83
E5578372 (5546374)	0.13	2.43	7.7	<0.005	<5	822	0.83	0.21	1.75	1.03	25.6	35.1	36.1	1.45
E5578373 (5546375)	0.11	2.11	10.6	0.005	<5	669	0.97	0.29	0.89	0.56	30.7	47.8	29.1	4.00
E5578374 (5546376)	0.12	2.24	25.1	0.016	<5	339	0.85	0.29	0.27	0.61	40.6	50.7	34.8	4.44
E5578375 (5546377)	0.12	1.59	5.8	<0.005	<5	127	0.16	0.06	1.18	0.19	9.89	8.4	38.1	0.36
E5578376 (5546378)	0.21	3.02	10.2	0.033	<5	1060	1.25	0.21	0.96	3.56	53.3	46.7	49.7	3.93
E5578377 (5546379)	0.20	2.55	11.6	0.028	<5	538	1.19	0.27	0.45	0.48	40.2	53.3	38.6	4.41
E5578378 (5546380)	0.16	2.21	22.7	0.016	<5	370	1.37	0.34	0.43	0.50	43.8	32.5	28.3	4.49
E5578379 (5546381)	0.18	2.19	13.3	0.020	<5	823	0.98	0.27	0.60	1.44	37.6	34.8	29.8	2.85
E5578380 (5546382)	0.10	1.96	8.6	0.012	<5	126	0.97	0.36	0.12	0.11	47.1	17.3	23.7	7.74
E5578381 (5546383)	0.08	2.78	9.9	0.013	<5	443	1.41	0.32	0.46	0.48	34.3	31.1	35.1	5.73
E5578382 (5546384)	0.23	3.52	12.3	0.042	<5	561	1.15	0.29	0.48	0.74	35.6	39.4	46.6	5.93
E5578383 (5546385)	0.21	4.12	7.5	0.042	<5	526	1.04	0.28	0.34	0.98	34.4	41.4	54.1	4.23
E5578384 (5546386)	0.31	1.72	8.6	0.007	<5	157	1.08	0.57	0.13	0.32	30.2	19.1	22.9	10.4
E5578385 (5546387)	0.22	1.53	11.8	<0.005	<5	131	0.97	0.53	0.12	0.74	30.6	43.4	24.2	6.40
E5578386 (5546388)	0.13	1.39	12.5	<0.005	<5	92	0.54	0.35	0.10	0.54	34.3	20.5	21.5	1.48
E5578387 (5546389)	0.10	2.47	12.4	<0.005	<5	98	0.36	0.28	0.31	1.41	24.4	31.2	42.4	1.61
E5578388 (5546390)	0.10	2.44	27.2	0.005	<5	144	0.67	0.27	0.12	0.38	37.7	27.1	37.1	1.82
E5578389 (5546391)	0.08	3.81	29.2	<0.005	<5	94	0.87	0.28	0.07	0.69	48.9	52.2	43.2	1.83
E5578390 (5546392)	0.07	2.07	19.6	<0.005	<5	96	0.41	0.28	0.08	0.33	33.6	16.7	31.1	1.58
E5578391 (5546393)	0.14	2.76	40.1	<0.005	<5	148	1.14	0.24	0.98	1.03	30.6	67.6	39.0	3.11

Certified By:

*Ron Cardinal*



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Analyte:	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.1	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05
Sample ID (AGAT ID)														
E5578392 (5546394)	0.10	2.29	16.9	<0.005	<5	147	0.54	0.28	0.16	0.50	25.3	33.1	34.8	1.80
E5578393 (5546395)	0.12	2.24	16.2	<0.005	<5	137	0.56	0.31	0.10	0.32	27.4	25.9	35.6	1.62
E5578394 (5546396)	0.06	2.32	27.5	<0.005	<5	142	0.72	0.33	0.21	0.27	45.5	19.5	31.4	2.10
E5578395 (5546397)	0.10	1.98	26.8	<0.005	<5	112	0.58	0.23	0.14	0.57	30.2	30.8	29.9	1.32
E5546760 (5546398)	0.29	2.00	186	0.007	<5	105	0.71	0.30	0.99	0.44	42.9	44.2	49.7	2.60
E5546761 (5546399)	0.29	1.87	51.7	0.006	<5	96	0.89	0.36	0.64	0.47	37.7	37.0	29.0	1.80
E5546762 (5546400)	0.11	0.74	46.9	<0.005	<5	44	0.51	0.41	2.73	0.93	38.3	21.8	12.1	1.03
E5546763 (5546401)	0.22	1.16	36.9	0.007	<5	86	0.72	0.38	0.90	0.34	54.7	22.6	23.5	1.74
E5546764 (5546402)	0.17	2.80	229	<0.005	<5	105	0.74	0.29	0.16	0.40	42.7	36.5	59.1	1.47
E5546765 (5546403)	0.48	3.64	76.0	0.008	<5	216	1.15	0.26	0.68	1.03	50.8	124	59.2	4.62
E5546766 (5546404)	0.15	2.93	48.2	<0.005	<5	126	0.65	0.24	0.89	0.42	29.4	61.1	42.5	2.75
E5546767 (5546405)	0.06	2.33	69.3	0.008	<5	102	0.57	0.34	0.05	0.30	43.9	34.4	37.7	3.36
E5546768 (5546406)	0.08	3.18	43.0	<0.005	<5	98	0.86	0.30	0.09	0.47	37.7	45.5	41.1	2.10
E5546769 (5546407)	0.20	2.13	22.2	0.010	<5	200	0.91	0.37	0.29	0.41	54.1	29.5	31.7	1.96
E5546770 (5546408)	0.08	3.16	118	0.007	<5	129	1.04	0.36	0.20	0.27	78.5	36.6	40.5	3.25
E5546771 (5546409)	0.09	2.78	25.5	<0.005	<5	250	1.04	0.33	0.15	0.50	36.2	56.8	34.9	2.57
E5546772 (5546410)	0.15	3.34	37.8	0.020	<5	313	1.21	0.23	0.32	0.57	43.9	65.2	43.8	4.35
E5546773 (5546411)	0.11	2.56	12.8	<0.005	<5	571	0.77	0.28	0.71	0.62	24.4	40.0	35.3	2.51
E5546774 (5546412)	0.09	2.19	12.5	0.005	<5	251	1.40	0.43	0.40	0.39	29.7	41.8	27.5	4.78
E5546775 (5546413)	0.21	1.60	5.5	<0.005	5	128	0.17	0.06	1.18	0.17	9.96	8.4	37.4	0.39
E5546776 (5546414)	0.12	2.27	10.9	0.006	<5	211	1.22	0.34	0.38	0.45	36.1	28.2	28.1	3.98
E5546777 (5546415)	0.13	1.86	13.3	0.015	<5	149	1.63	0.46	0.10	0.35	42.2	25.4	22.6	7.82
E5546778 (5546416)	0.09	1.81	11.0	0.009	<5	223	1.10	0.39	0.23	0.39	44.0	24.4	22.8	3.98
E5546779 (5546417)	0.16	1.82	20.5	0.026	<5	238	1.55	0.43	0.35	0.60	49.2	50.0	19.2	5.54
E5546780 (5546418)	0.41	2.56	20.9	0.072	<5	339	1.07	0.24	1.43	1.39	37.1	125	39.1	2.72
E5546781 (5546419)	0.18	1.80	13.0	<0.005	<5	86	0.90	0.41	0.11	0.34	45.6	18.7	20.9	3.48
E5578396 (5546420)	0.15	1.71	18.9	<0.005	<5	135	0.34	0.24	0.12	0.42	23.6	24.5	32.9	1.21
E5578397 (5546421)	0.13	1.90	29.0	<0.005	<5	83	0.54	0.25	0.06	0.31	30.9	25.6	25.4	1.19
E5578398 (5546422)	0.14	1.74	24.1	0.008	<5	97	0.37	0.27	0.06	0.41	28.3	17.0	27.3	1.41
E5578399 (5546423)	0.13	2.32	23.5	<0.005	<5	81	0.52	0.25	0.06	0.28	34.4	28.2	33.4	1.37
E5578400 (5546424)	1.20	1.12	4.4	0.024	21	13	<0.05	0.50	0.44	0.67	2.13	296	1320	0.16
E5578401 (5546425)	0.23	2.58	20.1	<0.005	<5	91	0.48	0.26	0.05	0.46	29.8	24.4	39.6	1.33

Certified By:

*Ron Cardinal*



## Certificate of Analysis

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

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SAMPLE TYPE: Soil

Analyte:	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.1	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05
Sample ID (AGAT ID)														
E5578402 (5546426)	0.13	3.11	77.0	<0.005	<5	114	0.71	0.27	0.66	0.51	40.6	39.4	46.7	1.86
E5578403 (5546427)	0.14	2.41	77.8	0.007	<5	115	0.75	0.29	0.34	0.43	45.4	35.4	39.3	1.62
E5578404 (5546428)	0.17	0.99	58.5	<0.005	<5	58	0.59	0.46	0.72	0.37	55.4	27.9	18.6	1.40
E5578405 (5546429)	0.15	0.95	34.6	<0.005	<5	50	0.51	0.33	0.86	0.50	28.9	14.0	15.1	0.93
E5578406 (5546430)	0.16	0.76	37.9	<0.005	<5	55	0.61	0.38	0.83	0.38	29.2	17.0	13.8	1.03
E5578407 (5546431)	0.15	1.99	50.0	<0.005	<5	83	0.65	0.31	0.53	0.38	32.1	24.2	33.9	1.17
E5578408 (5546432)	0.10	2.17	19.3	<0.005	<5	118	0.58	0.30	0.22	0.23	28.4	17.5	33.0	2.17
E5578409 (5546433)	0.08	2.22	22.4	<0.005	<5	67	0.58	0.30	0.05	0.33	29.7	24.7	33.4	1.73
E5546782 (5546434)	0.10	1.56	16.2	0.009	<5	80	0.81	0.38	0.08	0.38	39.2	18.1	21.8	5.22
E5546783 (5546435)	0.20	1.21	7.7	<0.005	<5	305	0.64	0.42	0.34	0.74	23.7	25.3	20.8	4.76
E5546784 (5546436)	0.15	1.89	9.7	0.008	<5	276	1.01	0.47	0.13	0.25	34.3	13.7	23.9	6.11
E5546785 (5546437)	0.14	2.13	9.0	0.006	<5	182	0.99	0.49	0.09	0.42	37.4	28.6	23.5	5.73
E5546786 (5546438)	0.11	1.92	8.3	<0.005	<5	140	0.75	0.42	0.06	0.25	51.1	13.9	21.1	6.04
E5546787 (5546439)	0.17	2.57	10.9	0.022	<5	577	1.22	0.27	0.86	0.90	35.5	35.8	34.7	2.40
E5546788 (5546440)	0.12	2.60	9.3	0.008	<5	387	0.81	0.24	0.55	0.52	29.1	21.4	34.8	4.47
E5546789 (5546441)	0.10	3.19	11.7	0.009	<5	503	1.08	0.29	0.61	0.72	32.9	28.4	52.9	6.48
E5546790 (5546442)	0.14	2.73	7.1	0.007	<5	422	1.14	0.26	0.61	0.55	25.5	26.3	35.3	2.81
E5546791 (5546443)	0.04	2.82	8.4	0.009	<5	301	0.76	0.23	0.49	0.32	29.5	24.7	39.8	3.19
E5546792 (5546444)	0.08	2.94	9.6	0.017	<5	252	0.96	0.26	0.19	0.42	36.3	49.0	37.7	3.91
E5546793 (5546445)	0.09	2.43	12.6	0.011	<5	246	0.82	0.24	0.28	0.33	30.8	38.1	31.1	3.22
E5546794 (5546446)	0.10	2.68	10.2	<0.005	<5	427	0.80	0.30	0.35	0.45	26.7	64.5	35.3	4.17
E5546795 (5546447)	0.15	0.51	7.8	0.005	5	136	0.32	0.14	2.92	1.24	7.77	10.0	6.5	0.65
E5546796 (5546448)	0.20	1.00	33.0	0.015	<5	105	0.79	0.34	0.37	0.98	25.7	29.0	11.2	1.38
E5546797 (5546449)	0.09	2.41	16.0	0.010	<5	419	1.80	0.41	0.40	0.47	34.2	37.1	30.9	4.40
E5546798 (5546450)	0.18	2.19	6.1	0.011	<5	543	0.88	0.20	2.20	0.47	15.8	18.7	29.5	3.06
E5546799 (5546451)	0.10	2.53	5.8	0.006	<5	199	1.09	0.28	0.31	0.45	48.2	32.8	35.6	2.00
E5546800 (5546452)	1.19	0.98	3.8	0.022	24	13	<0.05	0.49	0.42	0.60	2.35	291	1290	0.18
E5546801 (5546453)	0.21	2.39	7.4	0.014	<5	289	1.09	0.21	0.40	0.32	34.1	29.1	34.7	7.07
E5546802 (5546454)	0.10	2.24	11.9	<0.005	<5	174	0.91	0.29	0.14	0.45	29.7	45.0	33.7	3.89
E5546803 (5546455)	0.12	1.63	7.9	<0.005	<5	136	0.39	0.24	0.10	0.65	20.2	21.1	28.3	1.69
E5546804 (5546456)	0.11	2.61	8.9	<0.005	<5	148	0.67	0.30	0.10	0.49	24.4	20.5	39.9	2.62
E5546805 (5546457)	0.09	2.71	6.9	<0.005	<5	125	0.71	0.27	0.08	0.29	28.6	22.1	39.1	1.55

Certified By:

*Ron Cardinali*



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	Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	
Sample ID (AGAT ID)	RDL:	0.01	0.01	0.1	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05	
E5546806 (5546458)		0.10	2.59	8.5	0.009	<5	145	0.78	0.26	0.11	0.36	35.4	26.1	39.5	1.45	
E5546807 (5546459)		0.12	2.16	7.4	<0.005	<5	116	0.61	0.23	0.09	0.24	27.5	18.9	35.0	1.29	
E5546808 (5546460)		0.11	2.30	8.7	<0.005	<5	133	0.70	0.27	0.06	0.46	33.9	24.1	37.5	1.52	
E5546809 (5546461)		0.07	2.42	8.9	<0.005	<5	167	0.66	0.28	0.14	0.26	27.4	15.1	36.0	1.60	
E5577210 (5546462)		0.13	2.72	21.9	<0.005	<5	273	1.03	0.32	0.49	0.28	34.1	17.7	34.8	2.15	
E5577211 (5546463)		0.08	1.76	13.4	<0.005	<5	111	0.64	0.26	0.74	0.29	22.8	12.6	26.0	1.58	
E5577212 (5546464)		0.05	1.51	10.9	<0.005	<5	112	0.56	0.27	0.65	0.15	17.2	13.4	22.2	1.24	
E5577213 (5546465)		0.14	3.28	6.9	0.011	<5	380	0.90	0.28	0.32	0.32	44.0	34.9	57.0	1.23	
E5577214 (5546466)		0.06	1.44	21.7	<0.005	<5	93	0.33	0.29	0.30	0.29	28.6	19.9	26.2	1.14	
E5577215 (5546467)		0.07	1.78	24.1	<0.005	<5	116	0.60	0.29	0.21	0.23	43.0	24.3	33.0	1.68	
E5577216 (5546468)		0.05	2.45	12.6	<0.005	<5	65	0.72	0.25	0.15	0.43	43.8	25.7	35.6	1.20	
E5577217 (5546469)		0.13	2.27	38.4	<0.005	<5	117	0.65	0.34	0.15	0.66	54.0	24.2	33.8	1.38	
E5269960 (5546470)		0.15	3.99	62.3	0.006	<5	98	0.90	0.33	0.42	0.47	61.9	67.2	68.5	1.23	
E5269961 (5546471)		0.09	3.15	53.9	0.005	<5	74	0.91	0.37	0.14	0.37	64.4	36.6	42.1	1.41	
E5269962 (5546472)		0.28	1.89	45.7	0.012	<5	93	1.35	0.38	0.84	0.43	34.6	42.4	27.1	4.56	
E5269963 (5546473)		0.14	2.45	24.7	0.008	<5	176	1.17	0.30	0.70	0.50	35.1	42.6	34.3	3.56	
E5269964 (5546474)		0.07	1.93	22.3	0.007	<5	223	0.80	0.28	0.30	0.46	46.7	47.1	27.1	2.70	
E5269965 (5546475)		0.10	2.01	13.5	0.007	<5	291	0.86	0.27	0.36	0.31	46.5	34.8	28.0	2.83	
E5269966 (5546476)		0.13	2.79	12.1	0.013	<5	438	1.22	0.25	0.41	0.44	34.3	32.1	42.9	7.39	
E5269967 (5546477)		0.12	1.75	15.7	0.010	<5	123	1.23	0.32	0.30	0.38	24.1	23.2	22.4	3.62	
E5269968 (5546478)		0.08	1.94	7.9	<0.005	<5	124	0.66	0.35	0.25	0.35	40.5	22.4	27.9	4.26	
E5269969 (5546479)		0.06	2.24	12.9	<0.005	<5	213	1.22	0.35	0.36	0.31	33.3	22.7	28.0	4.83	
E5269970 (5546480)		0.09	2.20	8.9	<0.005	<5	283	1.21	0.31	0.58	0.36	26.2	19.7	26.8	2.74	
E5269971 (5546481)		0.04	2.40	5.2	0.008	<5	207	1.04	0.28	0.35	0.24	25.8	18.7	33.0	4.32	
E5269972 (5546482)		0.08	2.33	6.0	0.010	<5	243	1.27	0.31	0.51	0.38	23.6	18.3	30.2	5.02	
E5269973 (5546483)		0.13	3.34	8.0	0.020	<5	399	1.24	0.30	0.28	0.56	39.9	41.1	48.3	4.86	
E5269974 (5546484)		0.23	2.63	13.3	0.028	<5	799	1.15	0.23	0.70	0.85	38.0	84.1	41.5	3.97	
E5269975 (5546485)		0.12	1.47	4.5	<0.005	<5	123	0.18	0.06	1.20	0.15	10.4	8.2	38.1	0.39	
E5269976 (5546486)		0.16	3.30	22.4	0.013	<5	629	1.34	0.29	0.26	0.89	41.5	56.9	48.2	4.30	
E5269977 (5546487)		0.15	3.62	26.8	0.035	<5	369	1.40	0.28	0.45	0.77	40.4	107	58.3	5.96	
E5269978 (5546488)		0.16	2.39	14.9	0.015	<5	421	1.65	0.38	0.59	0.33	38.9	35.0	32.4	6.01	
E5269979 (5546489)		0.11	2.32	10.8	<0.005	<5	640	2.20	0.64	0.47	0.25	50.3	23.9	28.2	10.2	

Certified By:

*Ron Cardinal*



# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y860576

PROJECT NO:

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 07, 2014

DATE RECEIVED: Jul 07, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

Analyte:	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.1	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05
Sample ID (AGAT ID)														
E5269980 (5546490)	0.12	2.50	9.4	<0.005	<5	575	3.32	0.66	0.24	0.29	60.2	32.8	27.6	16.4
E5269981 (5546491)	0.16	2.11	10.8	0.022	<5	214	0.96	0.35	0.34	0.50	29.8	38.0	30.4	3.80
E5269982 (5546492)	0.14	2.17	20.2	0.013	<5	356	2.00	0.42	0.30	0.32	51.1	29.2	26.6	8.23
E5269983 (5546493)	0.10	2.92	12.8	0.016	<5	357	1.18	0.25	0.48	0.37	35.2	22.8	41.9	4.38
E5269984 (5546494)	0.10	2.56	7.9	0.008	<5	325	0.90	0.23	0.83	0.29	24.4	18.2	35.7	3.86
E5269985 (5546495)	0.14	2.46	7.8	0.010	<5	620	1.02	0.26	1.26	0.96	32.7	28.2	33.3	2.61
E5269986 (5546496)	0.12	2.69	8.0	0.013	<5	379	0.98	0.24	0.69	0.33	29.2	19.2	39.8	6.74
E5269987 (5546497)	0.18	2.67	9.9	0.040	<5	402	0.99	0.23	0.46	0.62	38.3	25.8	41.3	13.2
E5269988 (5546498)	0.21	2.80	6.4	0.010	<5	507	1.12	0.24	1.48	0.64	30.7	39.4	40.3	3.34
E5269989 (5546499)	0.32	3.14	8.0	0.030	<5	574	1.21	0.27	0.76	0.60	35.3	38.5	46.3	4.28
E5269990 (5546500)	0.19	2.67	9.8	0.021	<5	355	1.29	0.33	0.33	0.55	50.0	30.2	36.6	5.04
E5269991 (5546501)	0.15	2.50	8.5	0.017	<5	472	1.21	0.24	0.58	0.76	38.2	60.7	34.4	5.52
E5269992 (5546502)	0.15	2.98	10.0	0.016	<5	481	1.47	0.28	0.61	0.77	38.6	54.6	39.8	5.89
E5269993 (5546503)	0.11	2.43	7.6	0.018	<5	218	1.24	0.30	0.21	0.47	52.6	34.3	33.7	3.55
E5269994 (5546504)	0.09	2.85	5.5	<0.005	<5	199	1.30	0.32	0.21	0.42	64.8	37.0	38.2	3.04
E5269995 (5546505)	0.15	2.29	15.5	0.022	<5	294	1.32	0.23	0.32	0.58	44.7	45.4	31.9	4.51
E5544460 (5546506)	0.20	2.65	13.4	<0.005	<5	125	0.83	0.21	0.36	0.32	39.4	46.4	56.0	5.70
E5544461 (5546507)	0.08	2.76	17.5	<0.005	<5	151	0.82	0.22	0.24	0.38	45.9	65.9	46.2	3.71
E5544462 (5546508)	0.06	1.77	19.5	<0.005	<5	99	0.66	0.25	0.15	0.28	43.1	33.8	25.3	5.21
E5544463 (5546509)	0.18	1.99	14.6	<0.005	<5	131	0.95	0.32	0.16	0.24	33.6	42.1	28.9	4.37
E5544464 (5546510)	0.25	2.72	17.4	<0.005	<5	142	0.88	0.24	1.03	0.38	44.6	31.7	49.2	4.64
E5544465 (5546511)	0.11	2.59	17.5	<0.005	<5	168	0.78	0.32	0.48	0.48	43.3	48.7	41.0	3.19
E5544466 (5546512)	0.04	2.03	25.0	<0.005	<5	109	0.77	0.32	0.15	0.27	39.2	39.1	32.4	3.18
E5544467 (5546513)	0.12	2.13	22.6	<0.005	<5	141	0.69	0.29	0.53	0.55	36.3	47.5	35.7	2.32
E5544468 (5546514)	0.17	1.95	27.9	<0.005	<5	100	0.75	0.26	0.80	0.31	30.8	23.9	29.1	5.64
E5544469 (5546515)	0.13	2.29	23.1	<0.005	<5	167	0.80	0.29	0.36	0.23	42.0	50.0	36.1	2.40
E5544470 (5546516)	0.33	2.30	33.2	0.007	<5	129	0.90	0.34	0.49	0.57	49.0	60.3	36.7	5.54
E5544471 (5546517)	0.32	2.10	40.8	0.006	<5	101	0.78	0.40	0.28	0.40	49.7	61.6	32.0	5.03
E5544472 (5546518)	0.32	1.68	55.5	<0.005	<5	71	0.94	0.49	0.13	0.46	40.7	45.9	26.1	3.60
E5544473 (5546519)	0.23	1.36	60.2	<0.005	<5	101	0.83	0.41	0.24	0.65	44.8	38.0	21.6	2.39
E5544474 (5546520)	0.38	1.36	67.7	<0.005	<5	52	0.85	0.36	0.07	0.36	18.2	42.4	23.7	3.31
E5544475 (5546521)	0.07	1.56	4.8	<0.005	<5	124	0.18	0.06	1.19	0.15	11.3	8.1	40.7	0.40

Certified By:

*Ron Cardinali*



## Certificate of Analysis

AGAT WORK ORDER: 14Y860576

PROJECT NO:

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

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 07, 2014

DATE RECEIVED: Jul 07, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

Analyte:	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.1	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05
Sample ID (AGAT ID)														
E5544476 (5546522)	0.14	1.03	44.9	<0.005	<5	43	0.66	0.32	0.14	0.55	28.5	24.8	14.9	1.82
E5544477 (5546523)	0.27	1.20	35.4	<0.005	<5	56	0.64	0.41	0.14	0.16	22.6	38.5	21.6	2.42
E5544478 (5546524)	0.18	2.15	25.5	<0.005	<5	64	0.99	0.45	0.19	0.23	26.5	71.9	30.0	4.20
E5544479 (5546525)	0.28	2.08	43.0	<0.005	<5	71	0.96	0.80	0.20	0.29	29.1	77.9	30.7	4.51
E5544480 (5546526)	0.50	2.26	43.3	<0.005	<5	86	1.43	1.13	0.11	0.33	26.5	116	30.6	9.51
E5544481 (5546527)	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC
E5544482 (5546528)	0.35	1.99	31.2	<0.005	<5	160	1.12	0.53	0.22	0.28	50.7	81.5	25.9	7.47
E5544483 (5546529)	0.29	1.98	40.5	<0.005	<5	95	1.21	0.44	0.21	0.31	30.4	106	30.2	8.32
E5544484 (5546530)	0.12	1.64	21.1	<0.005	<5	85	0.66	0.29	0.12	0.13	34.6	19.9	27.3	2.85
E5544485 (5546531)	0.03	1.67	25.6	<0.005	<5	108	0.68	0.29	0.05	0.19	32.0	24.4	26.1	3.52
E5544486 (5546532)	0.18	1.85	27.4	<0.005	<5	84	0.98	0.43	0.06	0.30	24.7	45.3	30.9	3.60
E5544487 (5546533)	0.20	1.65	21.8	<0.005	<5	61	0.76	0.40	0.06	0.20	26.9	22.6	26.4	3.00
E5544488 (5546534)	0.16	1.36	34.7	<0.005	<5	74	0.92	0.42	0.18	0.27	45.4	40.9	21.5	3.30
E5544489 (5546535)	0.08	1.83	34.9	<0.005	<5	74	1.21	0.46	0.07	0.21	37.8	45.1	29.2	5.19
E5544490 (5546536)	0.06	1.94	20.1	<0.005	<5	88	0.99	0.48	0.06	0.22	37.4	45.3	28.7	4.67
E5544491 (5546537)	0.05	2.08	20.3	<0.005	<5	74	1.14	0.46	0.08	0.27	40.5	60.4	29.1	4.30
E5544492 (5546538)	0.12	1.72	14.6	<0.005	<5	88	0.90	0.37	0.06	0.18	29.8	24.1	27.4	5.43
E5544493 (5546539)	0.09	1.64	21.1	<0.005	<5	109	0.87	0.47	0.13	0.17	46.2	46.5	25.6	4.50
E5544494 (5546540)	0.13	1.70	36.3	<0.005	<5	109	1.06	0.46	0.18	0.15	42.6	62.7	27.6	4.97
E5544495 (5546541)	0.09	1.34	33.3	<0.005	<5	69	0.74	0.34	0.08	0.17	36.6	23.1	24.3	4.75
E5544496 (5546542)	0.09	1.81	18.8	<0.005	<5	161	1.00	0.40	0.32	0.27	38.8	62.6	27.0	5.54
E5577218 (5546543)	0.09	2.33	9.1	<0.005	<5	192	1.09	0.29	0.42	0.30	42.1	23.8	32.7	2.89
E5577219 (5546544)	0.09	2.52	16.4	<0.005	<5	76	0.78	0.30	0.09	0.25	46.9	26.8	35.2	2.17
E5577220 (5546545)	0.12	2.43	15.3	<0.005	<5	150	0.86	0.25	0.28	0.39	39.3	26.3	43.7	3.67
E5577221 (5546546)	0.07	2.26	10.0	<0.005	<5	56	0.47	0.29	0.11	0.39	49.8	22.1	34.3	1.30
E5577222 (5546547)	0.12	2.56	13.1	<0.005	<5	124	0.80	0.25	0.30	0.44	45.1	33.6	42.9	3.02
E5577223 (5546548)	0.15	2.03	7.0	<0.005	<5	114	0.50	0.23	0.19	0.33	26.7	34.2	39.4	2.27
E5577224 (5546549)	0.11	2.09	10.8	<0.005	<5	103	0.60	0.21	0.55	0.33	33.8	33.0	32.7	3.01
E5577225 (5546550)	0.08	2.19	10.3	<0.005	<5	103	0.61	0.22	0.51	0.28	34.2	26.3	34.0	3.03
E5577226 (5546551)	0.09	2.43	15.8	<0.005	<5	93	0.79	0.22	0.12	0.32	48.3	35.8	37.7	2.14
E5577227 (5546552)	0.08	1.88	13.9	<0.005	<5	80	0.58	0.27	0.07	0.27	33.1	19.7	31.0	2.05
E5577228 (5546553)	0.08	1.88	12.6	<0.005	<5	87	0.72	0.26	0.30	0.31	30.9	23.0	26.2	2.80

Certified By:

*Ron Cardinali*



# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y860576

PROJECT NO:

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 07, 2014		DATE RECEIVED: Jul 07, 2014					DATE REPORTED: Jul 21, 2014					SAMPLE TYPE: Soil			
	Analyte:	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID)	RDL:	0.01	0.01	0.1	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05
E5577229 (5546554)		0.10	1.94	11.3	<0.005	<5	93	0.65	0.26	0.34	0.39	30.2	25.6	31.7	2.71
E5577230 (5546555)		0.11	2.29	18.1	<0.005	<5	92	0.85	0.25	0.43	0.26	38.1	23.4	36.2	3.69
E5577231 (5546556)		0.09	2.34	13.5	<0.005	<5	123	0.72	0.26	0.60	0.46	34.3	47.9	43.6	3.03
E5577232 (5546557)		0.24	2.02	24.0	<0.005	<5	103	0.63	0.24	0.46	0.90	35.8	36.9	34.1	2.57
E5577233 (5546558)		0.28	1.18	58.0	<0.005	<5	48	0.90	0.39	0.18	1.01	33.7	38.3	15.4	1.49
E5577234 (5546559)		0.17	1.02	35.6	<0.005	<5	46	0.64	0.34	0.12	0.31	31.6	24.3	15.8	1.62
E5577235 (5546560)		0.24	1.61	29.7	<0.005	<5	63	1.06	0.45	0.40	0.24	25.6	54.0	22.4	3.59
E5577236 (5546561)		0.24	1.83	34.8	<0.005	<5	107	1.03	0.47	0.19	0.25	47.5	73.0	24.8	6.15
E5577237 (5546562)		0.23	1.80	43.7	<0.005	<5	130	1.10	0.49	0.20	0.24	36.7	76.2	26.6	6.09
E5577238 (5546563)		0.15	1.63	36.4	<0.005	<5	161	0.97	0.41	0.22	0.22	41.1	67.8	23.4	5.74
E5577239 (5546564)		0.23	2.12	33.0	<0.005	<5	100	1.10	0.62	0.19	0.28	24.5	79.0	31.7	7.17
E5577240 (5546565)		0.43	2.16	35.3	<0.005	<5	211	1.51	0.62	0.18	0.51	36.5	155	32.7	11.7
E5577241 (5546566)		0.67	2.02	39.4	<0.005	<5	314	1.76	0.50	0.29	0.59	32.0	211	28.6	11.6
E5577242 (5546567)		0.36	2.06	15.9	<0.005	<5	66	1.74	0.37	0.04	0.22	23.2	126	29.2	8.52
E5577243 (5546568)		0.29	1.74	16.3	<0.005	<5	67	0.73	0.42	0.18	0.11	36.4	38.8	30.3	4.67
E5577244 (5546569)		0.16	1.41	12.3	<0.005	<5	84	0.70	0.34	0.07	0.23	20.8	20.6	25.1	3.24
E5577245 (5546570)		0.12	1.72	24.8	<0.005	<5	51	0.77	0.42	0.04	0.24	24.0	21.4	25.7	2.72
E5577246 (5546571)		0.14	1.47	20.2	<0.005	<5	58	0.54	0.33	0.03	0.23	18.0	16.3	26.6	2.42
E5577247 (5546572)		0.09	2.20	10.8	<0.005	<5	95	0.83	0.37	0.04	0.20	15.0	17.9	34.6	4.04
E5577248 (5546573)		0.16	1.49	13.3	<0.005	<5	117	0.67	0.32	0.06	0.27	16.6	15.6	24.8	2.24
E5577249 (5546574)		0.23	2.06	49.3	<0.005	<5	71	1.20	0.50	0.16	0.28	77.3	61.3	25.7	2.83
E5577250 (5546575)		1.66	2.03	5.0	0.080	7	53	0.18	0.78	1.23	0.55	14.7	108	88.3	0.70
E5577251 (5546576)		0.36	1.93	24.9	<0.005	<5	69	1.67	0.60	0.13	0.35	53.4	79.3	24.9	6.91
E5577252 (5546577)		NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC

Certified By:

*Ron Cardinali*





## Certificate of Analysis

AGAT WORK ORDER: 14Y860576

PROJECT NO:

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

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 07, 2014

DATE RECEIVED: Jul 07, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

Analyte:	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
RDL:	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05	0.01
Sample ID (AGAT ID)														
E5578360 (5546362)	127	6.13	7.74	0.43	0.05	0.10	0.029	0.11	35.8	25.2	1.52	1030	1.47	<0.01
E5578361 (5546363)	149	6.18	9.45	0.38	0.12	0.17	0.050	0.06	14.8	28.2	1.83	2180	1.45	<0.01
E5578362 (5546364)	198	7.02	10.9	0.38	0.09	0.14	0.059	0.05	13.9	33.7	2.32	2490	1.02	<0.01
E5578363 (5546365)	266	7.76	13.2	0.41	0.07	0.22	0.066	0.05	15.2	41.5	2.70	4330	1.25	<0.01
E5578364 (5546366)	134	4.38	5.58	0.40	0.04	0.15	0.027	0.07	21.2	18.2	0.90	1030	3.14	<0.01
E5578365 (5546367)	153	5.32	7.25	0.42	0.05	0.06	0.030	0.08	26.7	21.6	1.08	1630	1.71	<0.01
E5578366 (5546368)	168	6.38	10.3	0.41	0.08	0.08	0.056	0.06	15.4	31.0	1.95	2770	1.87	<0.01
E5578367 (5546369)	165	6.66	10.2	0.40	0.09	0.09	0.051	0.05	14.4	30.3	2.05	2240	1.10	<0.01
E5578368 (5546370)	217	6.04	9.03	0.38	0.13	0.22	0.056	0.06	14.5	27.8	1.85	3060	1.78	<0.01
E5578369 (5546371)	301	7.38	10.1	0.40	0.13	0.14	0.067	0.09	14.4	29.0	2.09	5990	1.92	<0.01
E5578370 (5546372)	231	6.16	9.88	0.41	0.12	0.15	0.063	0.07	17.0	27.2	2.02	3980	1.40	<0.01
E5578371 (5546373)	130	4.97	8.55	0.35	0.10	0.07	0.054	0.06	12.5	20.8	1.45	2530	1.74	<0.01
E5578372 (5546374)	133	4.41	7.30	0.34	0.10	0.12	0.057	0.07	10.8	16.1	1.29	4300	1.32	<0.01
E5578373 (5546375)	115	4.66	6.41	0.35	0.10	0.09	0.038	0.07	12.9	17.8	1.05	2850	2.75	<0.01
E5578374 (5546376)	143	5.93	7.33	0.40	0.08	0.15	0.052	0.07	17.9	21.4	1.53	2320	2.67	<0.01
E5578375 (5546377)	48.1	3.08	5.00	0.34	0.25	0.03	0.019	0.12	4.4	7.1	0.80	560	6.07	0.11
E5578376 (5546378)	604	6.57	9.68	0.41	0.11	0.19	0.139	0.04	21.0	24.2	1.57	11600	2.33	<0.01
E5578377 (5546379)	154	5.90	7.52	0.40	0.10	0.13	0.049	0.08	17.6	20.8	1.43	2720	1.70	<0.01
E5578378 (5546380)	126	5.59	6.43	0.39	0.14	0.10	0.045	0.13	20.4	19.4	1.22	1340	3.62	<0.01
E5578379 (5546381)	164	7.78	6.58	0.42	0.17	0.14	0.087	0.09	16.1	17.2	1.39	6020	5.05	<0.01
E5578380 (5546382)	92.7	4.42	6.08	0.39	0.06	0.05	0.025	0.06	22.5	19.7	0.96	349	1.21	<0.01
E5578381 (5546383)	171	6.38	7.96	0.39	0.10	0.09	0.049	0.07	16.4	23.5	1.47	1920	1.50	<0.01
E5578382 (5546384)	261	7.30	10.7	0.41	0.07	0.22	0.069	0.06	17.3	32.6	2.18	3580	1.47	<0.01
E5578383 (5546385)	250	7.75	13.0	0.43	0.08	0.10	0.076	0.06	16.0	42.3	2.78	4300	1.43	<0.01
E5578384 (5546386)	115	4.81	6.41	0.35	0.02	0.09	0.028	0.08	14.2	12.3	0.51	983	1.83	<0.01
E5578385 (5546387)	80.9	6.20	6.99	0.37	<0.02	0.08	0.027	0.10	14.2	10.3	0.48	1810	2.75	<0.01
E5578386 (5546388)	60.0	5.73	5.49	0.39	<0.02	0.09	0.030	0.09	15.7	10.5	0.55	1770	5.19	<0.01
E5578387 (5546389)	88.5	7.05	11.7	0.39	0.03	0.09	0.045	0.08	11.1	20.8	1.30	2060	3.07	<0.01
E5578388 (5546390)	93.1	5.67	8.52	0.38	0.19	0.08	0.049	0.10	16.7	19.5	0.93	2340	1.99	<0.01
E5578389 (5546391)	104	6.54	10.3	0.40	0.07	0.08	0.073	0.07	17.6	42.3	1.48	2050	2.65	<0.01
E5578390 (5546392)	48.2	5.02	7.80	0.39	0.03	0.05	0.041	0.07	16.0	26.7	0.70	707	1.93	<0.01
E5578391 (5546393)	172	6.32	8.20	0.36	0.12	0.21	0.074	0.09	12.7	25.9	1.31	4040	2.26	<0.01

Certified By:

*Ron Cardinal*



## Certificate of Analysis

AGAT WORK ORDER: 14Y860576

PROJECT NO:

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

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 07, 2014		DATE RECEIVED: Jul 07, 2014					DATE REPORTED: Jul 21, 2014					SAMPLE TYPE: Soil			
	Analyte:	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID)	RDL:	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05	0.01
E5578392 (5546394)		59.1	5.35	8.30	0.37	0.03	0.06	0.048	0.08	11.2	20.4	0.86	2310	1.65	<0.01
E5578393 (5546395)		57.8	6.07	8.58	0.38	<0.02	0.05	0.054	0.08	12.3	19.4	0.81	1460	1.76	<0.01
E5578394 (5546396)		71.4	5.23	7.00	0.39	0.03	0.04	0.045	0.10	20.8	25.1	1.27	704	2.10	<0.01
E5578395 (5546397)		79.5	5.15	6.07	0.39	0.03	0.06	0.045	0.08	12.8	20.6	0.90	1560	3.02	<0.01
E5546760 (5546398)		167	8.93	6.76	0.43	0.05	0.10	0.071	0.10	20.6	20.5	1.37	2050	1.59	<0.01
E5546761 (5546399)		132	6.51	5.42	0.38	0.12	0.09	0.062	0.13	17.9	17.1	0.96	1370	3.12	<0.01
E5546762 (5546400)		69.0	4.91	2.14	0.40	0.07	0.17	0.042	0.10	17.5	6.1	1.51	999	2.73	<0.01
E5546763 (5546401)		84.8	6.12	3.36	0.41	0.08	0.09	0.046	0.13	27.3	7.5	0.42	993	5.36	<0.01
E5546764 (5546402)		162	9.03	9.48	0.46	0.06	0.04	0.102	0.07	21.0	28.0	1.40	2110	1.66	0.01
E5546765 (5546403)		279	9.83	12.7	0.47	0.10	0.17	0.141	0.07	26.9	42.6	2.25	5760	2.01	<0.01
E5546766 (5546404)		106	5.97	9.63	0.35	0.06	0.07	0.068	0.07	11.4	31.5	1.48	3220	1.38	<0.01
E5546767 (5546405)		86.8	6.41	8.49	0.38	0.04	0.05	0.052	0.08	20.4	22.2	0.90	2180	4.66	<0.01
E5546768 (5546406)		128	7.35	7.94	0.39	0.07	0.10	0.071	0.07	14.6	32.9	1.30	2250	1.78	<0.01
E5546769 (5546407)		132	5.27	6.49	0.40	0.05	0.23	0.036	0.11	26.5	22.5	1.31	1200	2.58	<0.01
E5546770 (5546408)		148	6.54	9.34	0.41	0.04	0.31	0.056	0.12	35.2	42.4	1.65	1160	2.54	<0.01
E5546771 (5546409)		113	6.17	8.28	0.37	0.07	0.06	0.060	0.06	14.3	26.0	1.20	3630	2.75	<0.01
E5546772 (5546410)		211	6.63	10.3	0.39	0.07	0.23	0.070	0.04	18.0	35.4	2.02	3500	1.75	<0.01
E5546773 (5546411)		111	5.94	9.06	0.35	0.08	0.08	0.048	0.06	10.4	23.9	1.22	2970	3.58	<0.01
E5546774 (5546412)		95.3	5.70	6.81	0.36	0.12	0.07	0.037	0.09	13.1	19.9	0.99	2000	6.25	<0.01
E5546775 (5546413)		49.3	3.14	4.82	0.32	0.25	0.03	0.020	0.12	4.5	7.2	0.80	558	6.17	0.11
E5546776 (5546414)		123	5.02	6.48	0.36	0.10	0.13	0.034	0.07	16.6	21.0	1.23	1370	2.96	<0.01
E5546777 (5546415)		135	4.76	5.33	0.37	0.04	0.14	0.027	0.06	18.8	19.0	0.77	568	1.86	<0.01
E5546778 (5546416)		77.4	4.64	6.08	0.37	0.04	0.07	0.025	0.06	20.7	18.4	0.83	850	2.00	<0.01
E5546779 (5546417)		148	6.26	4.77	0.40	0.05	0.47	0.034	0.10	22.0	17.0	0.97	1910	10.8	<0.01
E5546780 (5546418)		264	6.76	7.81	0.37	0.12	0.40	0.067	0.08	16.6	25.0	1.53	6210	2.57	<0.01
E5546781 (5546419)		76.0	5.61	6.34	0.35	0.02	0.10	0.023	0.08	21.2	16.7	0.67	804	5.27	<0.01
E5578396 (5546420)		60.8	5.72	6.98	0.35	<0.02	0.06	0.035	0.07	10.3	13.1	0.67	1850	2.37	<0.01
E5578397 (5546421)		78.2	5.30	5.79	0.37	<0.02	0.09	0.045	0.07	14.1	19.8	0.70	1170	3.32	<0.01
E5578398 (5546422)		68.7	5.45	6.67	0.36	<0.02	0.07	0.039	0.07	13.5	12.6	0.58	948	2.83	<0.01
E5578399 (5546423)		78.9	5.62	6.99	0.38	<0.02	0.06	0.048	0.06	15.3	23.9	1.02	1220	2.26	<0.01
E5578400 (5546424)		4350	15.6	2.66	0.91	0.06	0.03	0.150	0.01	1.0	0.6	12.2	675	1.34	0.05
E5578401 (5546425)		87.1	6.24	8.04	0.37	0.04	0.08	0.055	0.06	13.4	24.9	1.13	1440	1.82	<0.01

Certified By:

*Ron Cardinal*



# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y860576

PROJECT NO:

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 07, 2014

DATE RECEIVED: Jul 07, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

Analyte:	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
RDL:	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05	0.01
Sample ID (AGAT ID)														
E5578402 (5546426)	137	7.72	9.41	0.39	0.05	0.07	0.066	0.08	17.7	33.5	1.76	1860	1.52	<0.01
E5578403 (5546427)	124	6.91	7.36	0.40	0.14	0.14	0.064	0.10	20.7	26.7	1.35	1610	1.84	<0.01
E5578404 (5546428)	95.2	5.81	2.95	0.40	0.10	0.13	0.043	0.09	25.1	9.2	0.67	1000	1.58	<0.01
E5578405 (5546429)	68.7	4.84	2.63	0.35	0.14	0.11	0.043	0.11	14.1	7.4	0.50	380	1.97	<0.01
E5578406 (5546430)	66.3	5.07	2.07	0.35	0.10	0.15	0.045	0.11	13.7	5.6	0.47	615	2.56	<0.01
E5578407 (5546431)	101	6.38	5.64	0.38	0.07	0.10	0.055	0.11	15.3	18.0	1.11	1140	2.40	<0.01
E5578408 (5546432)	69.2	5.35	6.49	0.37	0.03	0.04	0.030	0.08	12.1	22.8	0.97	886	1.39	<0.01
E5578409 (5546433)	69.7	5.57	6.66	0.37	0.03	0.05	0.043	0.07	13.6	23.2	1.00	1190	1.29	<0.01
E5546782 (5546434)	92.7	4.91	5.54	0.35	0.04	0.11	0.023	0.06	18.4	13.8	0.61	533	3.35	<0.01
E5546783 (5546435)	54.3	4.46	5.15	0.33	0.06	0.17	0.022	0.09	10.7	6.1	0.38	3430	3.71	<0.01
E5546784 (5546436)	106	5.02	6.18	0.34	0.03	0.14	0.029	0.06	16.4	19.4	0.63	803	1.59	<0.01
E5546785 (5546437)	91.2	5.28	6.89	0.38	0.05	0.08	0.028	0.07	17.4	17.4	0.82	1810	2.52	<0.01
E5546786 (5546438)	50.5	4.32	6.65	0.36	0.02	0.06	0.025	0.06	24.1	18.9	0.66	560	1.68	<0.01
E5546787 (5546439)	188	4.82	7.52	0.35	0.09	0.14	0.046	0.05	14.4	21.5	1.32	4190	1.82	<0.01
E5546788 (5546440)	117	4.63	7.88	0.34	0.07	0.08	0.044	0.05	12.1	22.5	1.29	2110	1.50	<0.01
E5546789 (5546441)	127	5.53	8.78	0.35	0.05	0.09	0.052	0.06	12.9	23.8	1.53	3670	1.64	<0.01
E5546790 (5546442)	137	4.77	8.10	0.32	0.07	0.16	0.045	0.08	11.4	22.3	1.38	2740	1.41	<0.01
E5546791 (5546443)	110	5.20	8.33	0.36	0.08	0.05	0.039	0.05	12.2	24.3	1.62	1720	1.73	<0.01
E5546792 (5546444)	131	5.82	8.55	0.39	0.05	0.08	0.041	0.06	13.9	24.6	1.57	2410	1.68	<0.01
E5546793 (5546445)	96.5	4.86	7.37	0.37	0.05	0.14	0.037	0.04	12.4	21.1	1.13	1730	1.90	<0.01
E5546794 (5546446)	94.4	5.64	9.41	0.37	0.04	0.07	0.043	0.07	10.7	20.7	1.17	4130	2.42	<0.01
E5546795 (5546447)	37.6	1.77	1.52	0.25	0.20	0.28	0.019	0.05	3.3	2.7	0.44	1730	2.61	<0.01
E5546796 (5546448)	91.2	5.63	2.33	0.38	0.08	1.04	0.044	0.08	10.8	6.1	0.46	1730	13.0	<0.01
E5546797 (5546449)	146	5.63	6.64	0.16	0.15	0.16	0.048	0.08	12.9	19.8	1.13	2490	3.67	<0.01
E5546798 (5546450)	170	3.90	5.91	0.14	0.12	0.19	0.033	0.06	8.9	17.3	1.30	1280	1.03	<0.01
E5546799 (5546451)	133	5.42	7.35	0.19	0.08	0.16	0.031	0.07	22.3	24.9	1.67	1430	2.04	<0.01
E5546800 (5546452)	4030	14.5	2.26	0.50	0.06	0.03	0.142	<0.01	1.1	0.8	11.4	521	1.26	0.04
E5546801 (5546453)	119	4.29	6.52	0.17	0.04	0.09	0.037	0.05	10.9	20.3	1.12	1490	1.13	<0.01
E5546802 (5546454)	98.7	4.78	6.46	0.17	<0.02	0.13	0.038	0.07	11.4	19.1	0.88	1880	1.57	<0.01
E5546803 (5546455)	57.8	4.62	6.30	0.16	<0.02	0.10	0.030	0.07	8.6	14.1	0.70	1540	1.41	<0.01
E5546804 (5546456)	106	6.62	8.50	0.19	<0.02	0.29	0.042	0.06	9.7	18.3	0.94	2120	1.52	<0.01
E5546805 (5546457)	103	6.12	7.55	0.18	0.03	0.12	0.037	0.05	11.1	20.4	1.15	1780	1.54	<0.01

Certified By:

*Ron Cardinal*



## Certificate of Analysis

AGAT WORK ORDER: 14Y860576

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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 07, 2014		DATE RECEIVED: Jul 07, 2014					DATE REPORTED: Jul 21, 2014					SAMPLE TYPE: Soil			
	Analyte:	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
Sample ID (AGAT ID)	RDL:	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05	0.01
E5546806 (5546458)		111	5.40	6.76	0.18	0.02	0.11	0.040	0.06	13.4	22.1	1.22	1640	1.48	<0.01
E5546807 (5546459)		78.8	4.93	6.10	0.17	<0.02	0.09	0.038	0.05	11.0	17.5	0.90	1300	1.32	<0.01
E5546808 (5546460)		76.7	5.13	6.67	0.18	<0.02	0.09	0.044	0.05	12.0	15.3	0.70	2440	1.62	<0.01
E5546809 (5546461)		60.2	5.60	6.95	0.17	<0.02	0.06	0.043	0.05	10.7	20.2	0.81	1180	1.61	<0.01
E5577210 (5546462)		117	5.87	7.40	0.18	0.09	0.12	0.050	0.07	16.5	28.3	1.53	466	1.39	<0.01
E5577211 (5546463)		58.4	3.88	5.14	0.14	0.07	0.04	0.034	0.07	10.1	17.7	0.79	594	1.99	<0.01
E5577212 (5546464)		47.2	4.49	4.06	0.14	0.06	0.02	0.027	0.05	8.6	17.7	0.73	328	0.81	<0.01
E5577213 (5546465)		197	7.84	9.98	0.21	0.06	0.08	0.056	0.06	21.7	33.7	2.39	1430	1.11	<0.01
E5577214 (5546466)		52.5	5.06	5.35	0.16	0.03	0.03	0.035	0.07	12.4	16.0	0.81	837	1.72	<0.01
E5577215 (5546467)		70.5	5.00	5.04	0.18	0.04	0.11	0.042	0.08	19.4	18.9	0.87	1060	2.40	<0.01
E5577216 (5546468)		82.4	5.30	6.27	0.18	0.03	0.08	0.038	0.06	18.9	26.0	1.34	1090	1.49	<0.01
E5577217 (5546469)		91.7	5.87	7.49	0.19	0.04	0.09	0.045	0.11	25.4	27.2	1.26	1060	2.04	<0.01
E5269960 (5546470)		235	8.91	12.8	0.23	0.12	0.38	0.075	0.08	28.1	58.9	2.88	2090	2.21	<0.01
E5269961 (5546471)		132	6.78	9.24	0.20	0.06	0.20	0.054	0.09	29.9	43.0	1.83	1110	1.82	<0.01
E5269962 (5546472)		165	7.07	5.32	0.19	0.18	0.69	0.072	0.11	16.6	19.4	1.09	1430	4.67	<0.01
E5269963 (5546473)		147	6.31	6.93	0.17	0.10	0.21	0.053	0.08	15.0	23.3	1.35	2150	1.39	<0.01
E5269964 (5546474)		113	4.93	5.52	0.18	0.07	0.21	0.032	0.06	19.9	20.9	1.25	1630	2.29	<0.01
E5269965 (5546475)		109	5.05	5.71	0.18	0.10	0.27	0.035	0.06	21.3	20.4	1.31	1340	2.19	<0.01
E5269966 (5546476)		170	6.04	8.30	0.18	0.09	0.13	0.051	0.07	14.9	28.6	1.90	1680	1.77	<0.01
E5269967 (5546477)		91.9	5.37	4.51	0.17	0.12	0.18	0.032	0.07	10.8	16.8	1.00	1030	9.25	<0.01
E5269968 (5546478)		64.2	5.35	7.40	0.18	0.02	0.05	0.027	0.06	19.4	18.7	1.05	928	1.65	<0.01
E5269969 (5546479)		95.8	5.32	6.10	0.17	0.11	0.05	0.031	0.06	14.3	21.3	1.21	1130	3.07	<0.01
E5269970 (5546480)		101	4.94	5.72	0.15	0.16	0.10	0.032	0.07	11.9	19.6	1.25	1160	2.68	<0.01
E5269971 (5546481)		85.9	4.86	6.35	0.15	0.27	0.05	0.032	0.05	11.5	24.0	1.48	1000	1.04	<0.01
E5269972 (5546482)		87.0	4.77	6.10	0.14	0.21	0.06	0.032	0.06	11.4	21.7	1.31	1050	1.02	<0.01
E5269973 (5546483)		196	7.40	9.25	0.19	0.12	0.25	0.043	0.07	18.8	33.0	2.32	2220	1.10	<0.01
E5269974 (5546484)		200	5.59	7.47	0.17	0.09	0.19	0.065	0.06	16.4	22.8	1.54	3730	1.90	<0.01
E5269975 (5546485)		47.4	3.07	4.47	0.14	0.20	0.02	0.018	0.11	4.8	7.2	0.80	526	5.61	0.09
E5269976 (5546486)		345	8.18	10.4	0.20	0.09	1.26	0.069	0.05	16.1	34.3	2.31	3900	1.90	<0.01
E5269977 (5546487)		289	8.53	11.6	0.20	0.10	0.97	0.067	0.06	15.8	40.5	2.57	3620	3.70	<0.01
E5269978 (5546488)		173	5.79	6.61	0.17	0.16	0.93	0.036	0.09	16.5	22.1	1.36	1590	1.63	<0.01
E5269979 (5546489)		187	5.51	6.12	0.17	0.12	0.10	0.031	0.08	22.8	20.6	1.09	1130	1.72	<0.01

Certified By:

*Ron Cardinal*



## Certificate of Analysis

AGAT WORK ORDER: 14Y860576

PROJECT NO:

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

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 07, 2014

DATE RECEIVED: Jul 07, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

Analyte:	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
RDL:	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05	0.01
Sample ID (AGAT ID)														
E5269980 (5546490)	213	6.01	6.18	0.18	0.09	0.10	0.034	0.08	27.7	22.3	1.14	1400	1.28	<0.01
E5269981 (5546491)	138	5.88	5.93	0.17	0.21	0.45	0.036	0.07	12.8	20.9	1.52	1570	12.7	<0.01
E5269982 (5546492)	148	5.24	5.26	0.17	0.07	1.64	0.028	0.07	22.5	20.7	1.12	1190	1.43	<0.01
E5269983 (5546493)	157	6.06	7.63	0.19	0.10	1.38	0.040	0.09	16.1	25.1	1.77	1690	1.14	<0.01
E5269984 (5546494)	113	5.02	6.95	0.17	0.08	0.41	0.033	0.06	11.9	23.2	1.59	848	0.89	<0.01
E5269985 (5546495)	146	4.70	6.28	0.16	0.08	0.09	0.038	0.09	11.9	19.6	1.37	3810	1.40	<0.01
E5269986 (5546496)	141	4.86	6.97	0.18	0.07	0.13	0.039	0.06	13.8	22.7	1.52	1250	1.05	<0.01
E5269987 (5546497)	188	4.69	7.30	0.18	0.06	0.08	0.044	0.06	15.4	21.6	1.41	2740	1.25	<0.01
E5269988 (5546498)	173	5.15	7.35	0.16	0.07	0.09	0.053	0.07	11.9	19.8	1.49	3310	1.28	<0.01
E5269989 (5546499)	205	5.62	8.57	0.19	0.06	0.14	0.048	0.06	16.4	25.0	1.82	2720	1.28	<0.01
E5269990 (5546500)	164	5.92	7.33	0.21	0.11	0.59	0.039	0.09	23.7	24.5	1.65	1750	1.13	<0.01
E5269991 (5546501)	185	4.87	6.99	0.17	0.08	0.12	0.044	0.08	13.9	20.8	1.34	3390	1.52	<0.01
E5269992 (5546502)	196	6.50	8.22	0.19	0.07	0.21	0.056	0.07	14.1	24.2	1.53	3170	1.50	<0.01
E5269993 (5546503)	134	5.42	6.85	0.20	0.05	0.13	0.033	0.07	23.7	22.6	1.43	1660	3.35	<0.01
E5269994 (5546504)	136	5.85	7.84	0.21	0.04	0.10	0.032	0.08	28.7	27.3	1.71	1450	1.02	<0.01
E5269995 (5546505)	252	7.09	6.37	0.21	0.07	1.45	0.051	0.06	17.9	20.8	1.24	2180	5.88	<0.01
E5544460 (5546506)	168	5.29	8.40	0.19	0.06	0.07	0.055	0.05	18.0	28.6	1.80	1530	1.21	<0.01
E5544461 (5546507)	151	5.40	8.59	0.19	0.04	0.06	0.063	0.05	14.1	28.0	1.43	2510	1.59	<0.01
E5544462 (5546508)	76.5	4.31	4.58	0.20	0.04	0.03	0.032	0.08	18.0	20.0	0.85	893	1.19	<0.01
E5544463 (5546509)	79.2	4.93	6.05	0.19	0.05	0.05	0.042	0.09	12.9	17.9	0.75	1570	1.46	<0.01
E5544464 (5546510)	191	5.30	7.41	0.19	0.08	0.09	0.073	0.07	22.1	25.6	1.37	1850	1.52	<0.01
E5544465 (5546511)	102	5.36	7.07	0.18	0.06	0.06	0.052	0.08	15.8	24.4	1.18	2460	1.50	<0.01
E5544466 (5546512)	99.2	4.56	5.14	0.18	0.03	0.04	0.040	0.07	14.4	19.0	0.80	1360	1.68	<0.01
E5544467 (5546513)	106	5.49	6.38	0.19	0.06	0.09	0.048	0.08	14.1	17.7	0.80	2650	2.69	<0.01
E5544468 (5546514)	99.2	4.60	5.05	0.18	0.05	0.05	0.038	0.08	15.2	20.9	0.80	1080	1.42	<0.01
E5544469 (5546515)	91.1	5.24	6.54	0.19	0.05	0.05	0.050	0.08	14.5	21.1	0.89	2440	1.54	<0.01
E5544470 (5546516)	154	6.31	6.40	0.21	0.10	0.17	0.054	0.09	23.1	25.2	1.10	2210	2.02	<0.01
E5544471 (5546517)	138	7.09	5.46	0.22	0.09	0.36	0.045	0.08	23.0	21.4	0.89	1680	2.13	<0.01
E5544472 (5546518)	123	8.78	4.11	0.23	0.04	1.62	0.046	0.11	16.7	18.1	0.60	1750	2.23	0.01
E5544473 (5546519)	138	7.62	3.19	0.23	0.05	0.60	0.055	0.10	18.0	12.8	0.48	1590	4.29	0.03
E5544474 (5546520)	217	11.3	2.72	0.23	0.14	0.80	0.052	0.07	8.5	7.2	0.23	502	15.8	<0.01
E5544475 (5546521)	50.1	3.17	4.53	0.16	0.26	0.03	0.018	0.11	5.1	7.3	0.80	558	5.75	0.09

Certified By:

*Ron Cardinal*



## Certificate of Analysis

AGAT WORK ORDER: 14Y860576

PROJECT NO:

5623 McADAM ROAD  
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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 07, 2014

DATE RECEIVED: Jul 07, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

Analyte:	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
RDL:	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05	0.01
Sample ID (AGAT ID)														
E5544476 (5546522)	130	6.34	2.21	0.20	0.25	0.93	0.041	0.07	12.2	10.6	0.32	752	6.11	<0.01
E5544477 (5546523)	94.6	5.92	3.14	0.20	0.14	0.49	0.040	0.09	8.7	15.2	0.46	1380	4.60	0.01
E5544478 (5546524)	81.9	6.50	5.05	0.20	0.09	0.06	0.027	0.09	10.1	32.8	1.03	2500	1.48	<0.01
E5544479 (5546525)	97.1	6.86	5.11	0.22	0.09	0.07	0.032	0.08	11.5	32.6	1.00	2090	1.48	<0.01
E5544480 (5546526)	144	10.6	5.15	0.24	0.06	0.12	0.040	0.10	9.8	35.5	0.85	3240	3.63	<0.01
E5544481 (5546527)	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC
E5544482 (5546528)	73.9	6.20	4.71	0.22	0.06	0.07	0.037	0.11	21.5	29.8	0.73	4040	2.06	<0.01
E5544483 (5546529)	94.3	5.93	4.31	0.20	0.11	0.08	0.032	0.10	11.2	27.8	0.75	3530	1.48	<0.01
E5544484 (5546530)	37.2	3.63	3.54	0.18	0.05	0.04	0.025	0.05	13.3	19.0	0.50	818	1.52	<0.01
E5544485 (5546531)	41.9	4.50	3.53	0.18	0.06	0.03	0.027	0.06	12.0	22.1	0.48	1380	1.43	<0.01
E5544486 (5546532)	42.8	5.66	4.79	0.19	0.04	0.05	0.036	0.09	9.2	17.5	0.39	2850	2.08	<0.01
E5544487 (5546533)	50.9	4.94	3.75	0.19	0.03	0.08	0.031	0.08	10.6	16.2	0.37	1900	1.76	<0.01
E5544488 (5546534)	77.7	5.71	3.28	0.21	0.02	0.08	0.039	0.10	17.1	17.9	0.46	2940	1.72	<0.01
E5544489 (5546535)	74.1	6.13	4.16	0.21	0.03	0.05	0.034	0.07	14.5	22.1	0.51	2260	2.28	<0.01
E5544490 (5546536)	72.2	5.96	4.26	0.20	0.02	0.06	0.031	0.07	14.3	25.3	0.61	1760	2.58	<0.01
E5544491 (5546537)	74.6	5.37	4.50	0.18	0.04	0.04	0.031	0.07	15.9	27.3	0.74	2230	1.83	<0.01
E5544492 (5546538)	43.5	4.78	4.94	0.17	0.03	0.06	0.030	0.07	12.5	16.9	0.44	1350	1.49	<0.01
E5544493 (5546539)	79.2	4.92	3.49	0.19	0.03	0.08	0.029	0.06	22.0	20.2	0.53	2260	1.93	<0.01
E5544494 (5546540)	80.9	5.10	3.95	0.18	0.05	0.11	0.031	0.06	18.1	24.2	0.60	3340	1.82	<0.01
E5544495 (5546541)	48.0	3.97	3.68	0.18	0.02	0.06	0.026	0.08	14.9	18.3	0.40	805	3.13	<0.01
E5544496 (5546542)	43.9	4.39	4.93	0.16	0.07	0.06	0.034	0.06	13.8	22.2	0.49	3710	1.90	<0.01
E5577218 (5546543)	122	5.29	6.86	0.18	0.12	0.13	0.035	0.07	17.7	24.6	1.45	1020	2.75	<0.01
E5577219 (5546544)	74.4	5.32	6.12	0.18	0.02	0.06	0.036	0.06	18.2	26.1	1.04	1150	1.90	<0.01
E5577220 (5546545)	113	4.87	7.32	0.17	0.07	0.05	0.051	0.06	15.5	24.1	1.20	1330	1.22	<0.01
E5577221 (5546546)	62.4	6.22	6.71	0.19	<0.02	0.07	0.032	0.05	22.6	22.1	1.14	1090	2.07	<0.01
E5577222 (5546547)	127	5.10	7.17	0.18	0.08	0.04	0.052	0.08	17.5	26.9	1.34	1450	1.32	<0.01
E5577223 (5546548)	65.9	5.33	7.93	0.17	0.03	0.04	0.048	0.07	10.0	18.5	0.92	2260	1.23	<0.01
E5577224 (5546549)	102	4.61	6.34	0.15	0.09	0.05	0.041	0.06	13.6	22.6	1.07	1240	1.69	<0.01
E5577225 (5546550)	102	4.80	5.90	0.16	0.09	0.03	0.037	0.06	13.8	22.6	1.11	1060	1.56	<0.01
E5577226 (5546551)	120	4.86	6.04	0.16	0.03	0.03	0.047	0.07	14.2	23.7	1.12	1310	1.76	<0.01
E5577227 (5546552)	53.8	4.79	5.43	0.14	<0.02	0.04	0.037	0.08	13.1	17.6	0.61	894	1.47	<0.01
E5577228 (5546553)	72.8	4.85	5.13	0.14	0.07	0.05	0.035	0.09	12.0	21.1	0.78	1020	2.28	<0.01

Certified By:

*Ron Cardinal*



# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y860576

PROJECT NO:

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

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 07, 2014

DATE RECEIVED: Jul 07, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

Analyte:	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
RDL:	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05	0.01
Sample ID (AGAT ID)														
E5577229 (5546554)	71.7	4.66	5.67	0.14	0.09	0.05	0.039	0.09	11.8	22.0	0.96	1200	4.90	<0.01
E5577230 (5546555)	97.2	4.97	6.95	0.15	0.08	0.04	0.049	0.07	16.0	24.9	1.14	1020	1.88	<0.01
E5577231 (5546556)	104	5.16	7.49	0.13	0.09	0.04	0.049	0.09	13.3	24.7	1.21	2280	1.61	<0.01
E5577232 (5546557)	128	4.77	5.45	0.15	0.05	0.05	0.040	0.10	13.0	20.6	0.97	1430	1.79	<0.01
E5577233 (5546558)	131	8.10	2.34	0.20	0.06	1.05	0.055	0.08	13.3	10.4	0.30	1220	4.54	<0.01
E5577234 (5546559)	99.1	5.43	2.50	0.19	0.03	0.81	0.038	0.07	13.3	13.0	0.37	823	4.99	<0.01
E5577235 (5546560)	67.8	4.95	3.88	0.18	0.13	0.07	0.029	0.11	9.9	24.2	0.61	2370	1.23	<0.01
E5577236 (5546561)	70.8	5.84	4.51	0.20	0.10	0.06	0.030	0.09	18.3	28.7	0.69	2850	1.72	<0.01
E5577237 (5546562)	79.7	6.09	4.30	0.19	0.21	0.05	0.031	0.09	13.6	29.5	0.73	3330	1.65	<0.01
E5577238 (5546563)	66.1	5.29	3.96	0.20	0.22	0.05	0.026	0.09	15.4	27.8	0.67	3620	1.54	<0.01
E5577239 (5546564)	99.5	6.95	5.33	0.31	0.19	0.09	0.029	0.09	9.7	37.6	0.86	2400	1.79	<0.01
E5577240 (5546565)	133	6.49	5.28	0.32	0.10	0.11	0.035	0.11	14.1	35.6	0.79	5780	2.45	<0.01
E5577241 (5546566)	118	6.06	5.11	0.31	0.10	0.17	0.042	0.12	11.8	33.9	0.68	10200	2.69	<0.01
E5577242 (5546567)	76.7	5.18	5.24	0.29	0.13	0.12	0.037	0.09	7.5	29.8	0.55	3920	1.60	<0.01
E5577243 (5546568)	48.8	5.27	4.18	0.30	0.12	0.06	0.029	0.06	13.3	24.7	0.54	1640	2.88	<0.01
E5577244 (5546569)	28.2	4.39	4.23	0.26	0.07	0.05	0.023	0.09	8.0	15.4	0.31	1730	1.17	<0.01
E5577245 (5546570)	47.9	4.97	4.51	0.27	0.05	0.04	0.026	0.08	9.6	18.1	0.39	1130	1.47	<0.01
E5577246 (5546571)	37.1	5.70	4.60	0.28	0.04	0.06	0.026	0.07	8.3	10.4	0.25	1440	1.19	<0.01
E5577247 (5546572)	38.9	6.39	6.32	0.28	0.05	0.07	0.031	0.07	6.9	12.9	0.28	2010	1.84	<0.01
E5577248 (5546573)	32.8	4.17	5.25	0.25	0.03	0.08	0.026	0.07	7.6	11.1	0.26	1660	1.50	<0.01
E5577249 (5546574)	86.4	7.16	5.14	0.36	0.05	0.07	0.066	0.08	30.1	28.4	0.60	3630	1.78	<0.01
E5577250 (5546575)	4370	11.4	5.11	0.43	0.11	<0.01	0.064	0.17	6.4	7.0	2.74	799	4.85	0.28
E5577251 (5546576)	126	8.28	4.81	0.34	0.05	0.13	0.050	0.09	21.4	30.4	0.58	3260	1.53	<0.01
E5577252 (5546577)	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC

Certified By:

*Ron Cardinal*





# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y860576

PROJECT NO:

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

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 07, 2014

DATE RECEIVED: Jul 07, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

Analyte:	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01	0.01
Sample ID (AGAT ID)														
E5578360 (5546362)	0.38	52.6	1070	31.0	5.6	<0.001	0.012	0.54	5.3	0.7	0.3	10.5	0.01	0.22
E5578361 (5546363)	0.41	43.2	1450	23.2	7.3	0.001	0.089	0.58	13.8	1.0	0.2	17.6	<0.01	0.20
E5578362 (5546364)	0.33	47.2	1620	21.6	5.4	0.001	0.099	0.48	17.0	1.3	0.2	20.4	<0.01	0.18
E5578363 (5546365)	0.24	54.0	1190	23.6	4.2	0.001	0.064	0.42	20.9	1.1	<0.2	19.4	<0.01	0.18
E5578364 (5546366)	0.64	40.6	1170	45.9	5.2	<0.001	0.025	0.97	3.3	1.0	0.3	12.5	<0.01	0.18
E5578365 (5546367)	0.59	42.8	1620	68.5	8.4	<0.001	0.036	0.81	3.6	1.0	0.4	11.4	<0.01	0.23
E5578366 (5546368)	0.39	48.0	1760	25.1	8.9	0.001	0.078	0.61	14.5	1.0	0.3	13.1	<0.01	0.18
E5578367 (5546369)	0.26	51.2	1170	20.1	5.9	<0.001	0.050	0.55	13.4	0.8	0.2	12.6	<0.01	0.21
E5578368 (5546370)	0.40	46.9	1740	26.1	8.4	0.002	0.093	0.60	14.6	1.4	0.3	22.7	<0.01	0.21
E5578369 (5546371)	0.37	55.1	1510	33.5	7.9	0.001	0.088	0.63	20.3	1.5	0.3	25.6	<0.01	0.22
E5578370 (5546372)	0.41	45.0	1340	26.0	8.3	0.001	0.079	0.53	17.2	1.4	0.4	28.5	<0.01	0.19
E5578371 (5546373)	0.60	37.1	1860	20.3	8.3	0.001	0.111	0.66	14.3	1.0	0.3	33.3	<0.01	0.13
E5578372 (5546374)	0.42	29.4	3260	21.5	6.6	0.001	0.235	0.57	16.5	1.1	0.2	44.0	<0.01	0.11
E5578373 (5546375)	0.48	38.0	2120	31.4	8.5	<0.001	0.123	0.64	7.6	1.0	0.3	23.0	<0.01	0.14
E5578374 (5546376)	0.18	45.0	726	29.1	5.2	<0.001	0.021	0.85	13.6	0.9	<0.2	11.9	<0.01	0.13
E5578375 (5546377)	0.46	33.7	743	4.2	4.4	0.002	0.095	0.52	5.4	0.5	1.1	46.9	<0.01	0.05
E5578376 (5546378)	0.43	39.7	1630	55.9	5.3	0.003	0.144	0.66	47.5	2.8	0.3	33.6	0.01	0.11
E5578377 (5546379)	0.47	45.6	964	32.1	5.5	0.001	0.054	0.75	15.4	1.1	0.3	16.2	<0.01	0.12
E5578378 (5546380)	0.37	40.1	1380	46.5	7.0	<0.001	0.062	1.13	10.2	1.0	0.3	13.4	<0.01	0.14
E5578379 (5546381)	0.19	40.6	1150	31.1	6.2	0.002	0.078	0.78	27.4	1.4	0.2	19.6	<0.01	0.17
E5578380 (5546382)	0.62	34.0	1150	28.7	5.1	<0.001	0.047	0.59	2.4	0.5	0.3	8.1	<0.01	0.19
E5578381 (5546383)	0.38	43.4	1650	31.7	7.3	<0.001	0.075	0.65	12.0	1.1	0.2	17.2	<0.01	0.22
E5578382 (5546384)	0.34	51.7	1090	33.0	5.7	0.001	0.056	1.23	19.1	1.4	0.2	16.9	<0.01	0.18
E5578383 (5546385)	0.20	58.5	1270	30.6	5.5	0.001	0.060	0.58	21.4	1.1	0.2	15.0	<0.01	0.19
E5578384 (5546386)	0.69	23.4	2540	37.5	9.4	<0.001	0.145	0.67	1.2	0.8	0.4	9.8	<0.01	0.35
E5578385 (5546387)	0.83	23.6	2270	56.7	10.5	<0.001	0.103	0.94	1.0	0.7	0.4	9.8	<0.01	0.31
E5578386 (5546388)	0.57	28.1	1120	33.6	7.4	<0.001	0.058	1.21	2.5	0.5	0.2	7.1	<0.01	0.20
E5578387 (5546389)	0.76	32.4	1430	16.9	11.0	<0.001	0.083	1.11	5.7	0.5	0.3	10.0	<0.01	0.15
E5578388 (5546390)	0.88	32.3	1910	18.2	12.6	<0.001	0.099	1.16	3.8	0.7	0.4	7.5	0.01	0.11
E5578389 (5546391)	0.89	43.7	647	26.0	8.8	<0.001	0.031	1.18	9.0	0.6	0.5	7.2	<0.01	0.12
E5578390 (5546392)	1.44	26.0	563	15.3	11.3	<0.001	0.027	1.16	4.2	0.4	0.6	7.7	<0.01	0.11
E5578391 (5546393)	0.47	39.4	2460	20.8	8.4	0.001	0.180	2.26	20.9	1.2	0.3	28.9	0.01	0.13

Certified By:

*Ron Cardinal*





# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y860576

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, GABE FORTIN

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

DATE SAMPLED: Jul 07, 2014

DATE RECEIVED: Jul 07, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

Analyte:	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01	0.01
Sample ID (AGAT ID)														
E5578392 (5546394)	0.70	28.0	1890	20.1	10.7	<0.001	0.107	0.90	2.4	0.5	0.4	9.2	<0.01	0.10
E5578393 (5546395)	0.99	27.6	1190	17.8	11.4	<0.001	0.071	1.02	2.5	0.5	0.5	8.4	<0.01	0.11
E5578394 (5546396)	0.31	37.7	1020	16.4	9.3	<0.001	0.044	0.92	6.4	0.4	0.3	9.3	<0.01	0.15
E5578395 (5546397)	0.64	38.7	1470	17.4	6.9	<0.001	0.083	0.85	3.6	0.5	0.3	9.2	<0.01	0.11
E5546760 (5546398)	0.26	60.8	1220	22.9	5.2	0.001	0.069	0.75	21.9	1.4	0.2	38.4	<0.01	0.15
E5546761 (5546399)	0.28	45.2	1350	29.9	6.6	0.001	0.091	1.17	16.6	1.3	0.3	21.4	<0.01	0.17
E5546762 (5546400)	0.16	34.9	945	38.6	4.7	0.001	0.093	1.41	8.6	0.9	<0.2	34.6	<0.01	0.13
E5546763 (5546401)	0.24	41.3	1310	26.5	8.8	0.002	0.079	1.37	11.1	1.1	0.2	28.8	<0.01	0.14
E5546764 (5546402)	0.43	55.6	1360	20.2	7.3	0.002	0.054	1.10	26.7	1.8	0.3	18.7	<0.01	0.19
E5546765 (5546403)	0.11	68.6	1160	33.3	4.6	0.003	0.075	1.02	41.8	2.1	0.2	33.6	0.01	0.20
E5546766 (5546404)	0.45	39.3	2310	22.1	10.0	<0.001	0.133	0.72	11.8	0.7	0.3	32.4	<0.01	0.17
E5546767 (5546405)	0.71	33.9	1030	22.7	12.8	<0.001	0.041	0.82	5.6	0.6	0.4	7.6	<0.01	0.21
E5546768 (5546406)	0.51	49.5	1550	24.7	7.4	<0.001	0.068	1.00	9.8	0.8	0.3	9.0	<0.01	0.21
E5546769 (5546407)	0.58	42.3	1010	25.7	5.4	<0.001	0.016	1.49	10.6	0.9	0.3	14.5	0.01	0.18
E5546770 (5546408)	0.40	61.4	776	22.3	8.0	0.002	0.024	2.60	8.6	0.8	0.4	11.3	<0.01	0.20
E5546771 (5546409)	0.67	37.9	1950	33.4	8.6	<0.001	0.097	1.04	8.7	0.8	0.3	9.0	<0.01	0.20
E5546772 (5546410)	0.45	50.9	912	26.9	5.5	0.001	0.046	1.10	19.6	1.2	0.2	15.7	<0.01	0.16
E5546773 (5546411)	0.68	33.5	2220	27.2	10.7	<0.001	0.116	1.07	7.2	0.7	0.3	21.9	<0.01	0.13
E5546774 (5546412)	0.46	35.9	2360	46.0	9.8	<0.001	0.119	0.78	4.9	0.6	0.2	13.8	<0.01	0.22
E5546775 (5546413)	0.51	33.6	743	4.3	4.3	0.002	0.090	0.45	5.3	0.5	1.0	44.0	<0.01	0.09
E5546776 (5546414)	0.46	38.1	1530	30.9	6.5	<0.001	0.067	1.02	6.0	0.6	0.2	11.5	<0.01	0.18
E5546777 (5546415)	0.67	34.0	1240	41.1	6.0	<0.001	0.069	3.85	2.3	1.1	0.3	8.7	<0.01	0.22
E5546778 (5546416)	0.64	31.6	1050	33.9	7.1	0.001	0.037	0.89	2.7	0.7	0.3	9.8	<0.01	0.22
E5546779 (5546417)	0.25	48.6	1210	49.6	5.6	0.001	0.066	2.81	7.4	1.4	<0.2	16.7	<0.01	0.22
E5546780 (5546418)	0.62	50.6	1260	36.2	5.0	0.001	0.116	1.52	18.7	1.9	0.3	36.6	<0.01	0.18
E5546781 (5546419)	0.73	29.3	1720	30.7	8.1	<0.001	0.075	1.01	2.4	0.7	0.3	8.2	<0.01	0.23
E5578396 (5546420)	0.70	28.4	2000	15.8	10.9	<0.001	0.107	0.75	1.7	0.5	0.3	9.0	<0.01	0.16
E5578397 (5546421)	0.70	34.5	1260	15.9	8.7	<0.001	0.052	0.86	4.0	0.6	0.3	7.6	<0.01	0.13
E5578398 (5546422)	0.90	29.6	1370	13.7	9.8	<0.001	0.072	0.86	2.5	0.6	0.4	7.3	<0.01	0.13
E5578399 (5546423)	0.78	38.4	1060	16.5	8.5	<0.001	0.047	0.74	5.0	0.6	0.3	7.3	<0.01	0.13
E5578400 (5546424)	0.12	>10000	64	14.2	0.8	0.045	8.00	1.43	9.5	11.6	2.7	3.2	<0.01	0.81
E5578401 (5546425)	0.77	38.5	1680	16.1	9.1	<0.001	0.079	0.74	5.2	0.8	0.3	6.2	<0.01	0.30

Certified By:

*Ron Cardinal*



# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y860576

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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 07, 2014

DATE RECEIVED: Jul 07, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

Analyte:	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01	0.01
Sample ID (AGAT ID)														
E5578402 (5546426)	0.37	53.8	1140	19.5	7.6	<0.001	0.070	0.70	15.0	1.0	0.3	21.8	<0.01	0.21
E5578403 (5546427)	0.53	50.6	870	22.4	6.5	0.001	0.034	0.91	14.7	1.0	0.4	17.1	0.01	0.09
E5578404 (5546428)	0.22	42.0	999	32.5	4.4	0.001	0.064	1.09	10.1	0.9	<0.2	22.3	0.01	0.13
E5578405 (5546429)	0.30	29.4	927	27.0	6.1	0.001	0.093	1.05	8.0	0.8	<0.2	19.8	0.02	0.09
E5578406 (5546430)	0.23	32.9	923	31.8	6.0	0.001	0.083	1.27	8.5	0.8	<0.2	16.7	<0.01	0.09
E5578407 (5546431)	0.35	41.8	937	24.9	6.5	<0.001	0.064	0.97	12.5	0.8	0.2	16.0	<0.01	0.09
E5578408 (5546432)	0.68	34.1	1250	18.6	10.0	<0.001	0.067	0.68	4.8	0.5	4.7	13.3	<0.01	0.10
E5578409 (5546433)	0.65	34.7	1420	21.5	9.3	<0.001	0.064	0.55	4.5	0.6	0.4	7.2	<0.01	0.13
E5546782 (5546434)	0.78	27.9	1820	23.5	6.0	<0.001	0.094	1.15	1.5	0.9	0.3	6.5	<0.01	0.21
E5546783 (5546435)	0.56	19.9	3630	38.9	10.0	<0.001	0.195	1.37	1.1	0.6	0.3	15.3	<0.01	0.25
E5546784 (5546436)	1.29	28.0	1310	34.8	8.7	<0.001	0.068	0.86	2.5	0.6	0.4	11.3	<0.01	0.28
E5546785 (5546437)	0.63	32.3	2090	39.7	7.8	<0.001	0.091	0.89	1.7	0.6	0.3	8.6	<0.01	0.27
E5546786 (5546438)	1.04	23.4	656	25.6	8.7	<0.001	0.031	0.61	2.3	0.5	0.4	6.4	<0.01	0.31
E5546787 (5546439)	0.61	36.5	1510	26.1	6.0	<0.001	0.119	1.35	11.6	1.3	0.3	25.7	<0.01	0.16
E5546788 (5546440)	0.80	33.7	1590	17.8	7.3	<0.001	0.108	0.81	9.9	0.7	0.3	19.4	<0.01	0.14
E5546789 (5546441)	0.80	46.8	1730	20.8	10.0	<0.001	0.084	0.77	10.5	0.9	0.4	18.7	<0.01	0.14
E5546790 (5546442)	0.67	32.7	2400	19.2	7.1	0.001	0.147	0.61	12.6	0.9	0.3	18.9	<0.01	0.12
E5546791 (5546443)	0.65	40.0	1010	16.4	6.5	0.001	0.055	0.60	9.7	0.6	0.2	15.8	<0.01	0.17
E5546792 (5546444)	0.68	45.8	1580	22.1	6.0	<0.001	0.056	0.65	6.9	0.7	0.2	10.7	<0.01	0.18
E5546793 (5546445)	0.59	34.4	1340	17.6	7.9	<0.001	0.064	1.11	6.8	0.8	0.3	12.9	<0.01	0.15
E5546794 (5546446)	0.66	33.6	2250	24.9	12.4	<0.001	0.106	0.85	6.7	0.6	0.4	12.1	<0.01	0.15
E5546795 (5546447)	0.42	13.3	1700	12.5	3.2	<0.001	0.296	0.59	3.4	0.8	<0.2	28.6	0.03	0.13
E5546796 (5546448)	0.14	43.0	877	47.6	4.2	0.001	0.084	1.74	8.5	1.0	<0.2	9.4	<0.01	0.16
E5546797 (5546449)	0.51	42.7	1850	35.3	8.2	<0.001	0.070	0.96	7.0	1.0	<0.2	11.9	<0.01	0.35
E5546798 (5546450)	0.45	30.3	2490	14.4	6.7	<0.001	0.212	0.81	6.1	1.4	<0.2	43.7	<0.01	0.23
E5546799 (5546451)	0.35	48.0	1280	23.0	5.0	<0.001	0.047	0.43	7.1	0.7	<0.2	8.7	<0.01	0.25
E5546800 (5546452)	0.10	>10000	<10	13.3	0.8	0.042	6.81	1.30	8.4	11.2	0.8	3.1	<0.01	0.89
E5546801 (5546453)	0.62	36.1	1610	12.6	5.0	<0.001	0.081	0.58	5.9	0.9	<0.2	12.9	<0.01	0.41
E5546802 (5546454)	0.74	33.1	1510	27.0	9.5	<0.001	0.072	1.07	2.9	0.6	<0.2	8.0	<0.01	0.31
E5546803 (5546455)	0.71	25.8	1570	13.7	8.3	<0.001	0.083	0.82	1.6	0.4	<0.2	7.2	<0.01	0.25
E5546804 (5546456)	0.56	31.5	2390	15.4	9.4	<0.001	0.100	3.08	2.5	0.5	<0.2	6.0	<0.01	0.25
E5546805 (5546457)	0.59	35.9	2290	15.5	7.0	<0.001	0.086	0.76	3.1	0.5	<0.2	5.6	<0.01	0.25

Certified By:

*Ron Cardinal*



## Certificate of Analysis

AGAT WORK ORDER: 14Y860576

PROJECT NO:

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
TEL (905)501-9998  
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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 07, 2014		DATE RECEIVED: Jul 07, 2014						DATE REPORTED: Jul 21, 2014				SAMPLE TYPE: Soil			
	Analyte:	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
	Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID)	RDL:	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01	0.01
E5546806 (5546458)		0.67	40.7	1820	15.2	6.2	<0.001	0.071	0.68	3.9	0.6	<0.2	7.3	<0.01	0.22
E5546807 (5546459)		0.49	31.9	1560	13.2	7.2	<0.001	0.069	0.63	2.0	0.4	<0.2	7.3	<0.01	0.20
E5546808 (5546460)		0.56	29.5	1950	19.6	9.7	<0.001	0.082	0.74	2.5	0.7	<0.2	6.7	<0.01	0.20
E5546809 (5546461)		0.76	29.4	1300	14.1	8.7	<0.001	0.066	0.78	2.2	0.5	<0.2	8.7	<0.01	0.17
E5577210 (5546462)		0.27	48.8	1550	18.1	9.0	0.001	0.067	0.61	8.2	0.9	<0.2	16.6	<0.01	0.19
E5577211 (5546463)		0.67	27.9	1900	14.7	10.1	<0.001	0.101	0.59	3.2	1.0	<0.2	43.0	<0.01	0.20
E5577212 (5546464)		0.35	29.0	1340	14.6	7.4	<0.001	0.066	0.42	3.1	0.4	<0.2	14.1	<0.01	0.15
E5577213 (5546465)		0.26	61.1	796	22.8	5.2	<0.001	0.019	0.33	17.8	0.9	<0.2	12.2	<0.01	0.18
E5577214 (5546466)		0.55	34.7	1000	17.2	11.5	<0.001	0.045	0.66	4.2	0.4	<0.2	18.8	<0.01	0.19
E5577215 (5546467)		0.59	40.7	887	18.6	7.3	<0.001	0.029	0.85	7.1	0.9	<0.2	15.4	<0.01	0.15
E5577216 (5546468)		0.67	44.4	1150	17.4	5.1	<0.001	0.020	0.68	5.3	0.5	<0.2	8.0	<0.01	0.23
E5577217 (5546469)		0.20	39.7	950	18.7	7.6	<0.001	0.043	0.97	5.9	0.6	<0.2	7.5	<0.01	0.30
E5269960 (5546470)		0.13	75.0	665	21.6	4.2	0.002	0.031	1.82	23.3	1.2	<0.2	19.4	<0.01	0.25
E5269961 (5546471)		0.18	54.0	960	20.5	7.9	<0.001	0.031	1.75	9.3	0.7	<0.2	8.8	<0.01	0.32
E5269962 (5546472)		0.21	45.6	1150	40.0	5.4	0.001	0.075	3.77	17.4	1.2	<0.2	17.5	<0.01	0.27
E5269963 (5546473)		0.35	39.9	1540	27.6	7.0	<0.001	0.080	2.86	14.2	1.0	<0.2	21.1	<0.01	0.27
E5269964 (5546474)		0.34	40.1	1180	25.0	4.3	<0.001	0.030	2.25	6.3	0.6	<0.2	10.6	<0.01	0.21
E5269965 (5546475)		0.34	40.7	918	22.2	4.8	<0.001	0.027	1.65	8.1	0.6	<0.2	9.8	<0.01	0.23
E5269966 (5546476)		0.40	45.1	1310	25.7	6.5	<0.001	0.044	0.74	15.3	0.8	<0.2	14.1	<0.01	0.18
E5269967 (5546477)		0.27	41.4	1210	42.9	5.7	<0.001	0.066	1.78	5.9	0.8	<0.2	12.2	<0.01	0.26
E5269968 (5546478)		0.60	31.3	941	22.6	8.5	<0.001	0.044	0.51	2.9	0.4	<0.2	9.6	<0.01	0.25
E5269969 (5546479)		0.38	38.5	1430	29.9	7.3	<0.001	0.052	0.60	4.8	0.6	<0.2	10.7	<0.01	0.28
E5269970 (5546480)		0.29	35.8	1790	27.4	6.2	<0.001	0.089	0.59	6.8	0.6	<0.2	12.7	<0.01	0.25
E5269971 (5546481)		0.54	38.2	1430	17.6	5.7	<0.001	0.058	0.45	6.9	0.5	<0.2	8.9	<0.01	0.17
E5269972 (5546482)		0.46	35.4	1800	18.9	6.9	<0.001	0.090	0.44	7.6	0.7	<0.2	11.3	<0.01	0.20
E5269973 (5546483)		0.28	57.1	1200	29.3	4.7	0.001	0.033	2.03	12.0	0.9	<0.2	10.7	<0.01	0.24
E5269974 (5546484)		0.53	43.7	2050	26.7	5.6	0.001	0.094	1.28	15.4	1.3	<0.2	27.9	<0.01	0.18
E5269975 (5546485)		0.45	34.5	756	3.7	4.1	0.002	0.084	0.46	4.8	0.5	<0.2	43.2	<0.01	0.10
E5269976 (5546486)		0.24	57.6	1030	30.1	4.4	0.001	0.030	14.2	21.4	1.1	<0.2	14.0	<0.01	0.18
E5269977 (5546487)		0.17	67.1	1050	33.7	4.3	<0.001	0.045	6.00	21.1	1.1	<0.2	17.1	<0.01	0.27
E5269978 (5546488)		0.44	41.2	1470	38.4	5.8	<0.001	0.068	8.07	8.5	1.1	<0.2	15.5	<0.01	0.29
E5269979 (5546489)		0.55	41.1	1550	61.6	8.3	<0.001	0.066	1.01	4.4	1.1	<0.2	26.6	<0.01	0.49

Certified By:

*Ron Cardinal*



## Certificate of Analysis

AGAT WORK ORDER: 14Y860576

PROJECT NO:

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 07, 2014

DATE RECEIVED: Jul 07, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

Analyte:	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01	0.01
Sample ID (AGAT ID)														
E5269980 (5546490)	0.53	40.4	1790	94.9	9.2	<0.001	0.073	0.88	4.3	1.0	<0.2	11.0	<0.01	0.49
E5269981 (5546491)	0.23	48.1	842	35.5	3.6	0.001	0.037	2.28	9.0	0.8	<0.2	9.2	<0.01	0.30
E5269982 (5546492)	0.46	40.4	1530	42.9	5.4	0.001	0.037	6.08	3.9	0.7	<0.2	10.9	<0.01	0.34
E5269983 (5546493)	0.48	44.2	1690	20.1	6.1	0.001	0.075	5.54	10.6	0.9	<0.2	14.9	<0.01	0.25
E5269984 (5546494)	0.43	37.7	1750	13.9	6.0	<0.001	0.089	2.42	8.9	0.7	<0.2	20.3	<0.01	0.20
E5269985 (5546495)	0.48	35.8	2170	22.3	5.9	<0.001	0.139	0.90	9.3	0.9	<0.2	27.2	<0.01	0.21
E5269986 (5546496)	0.47	38.6	1880	18.0	6.6	<0.001	0.110	0.85	9.2	0.9	<0.2	21.6	<0.01	0.17
E5269987 (5546497)	0.46	39.3	1520	22.8	5.6	<0.001	0.080	0.82	8.7	1.0	<0.2	16.6	<0.01	0.19
E5269988 (5546498)	0.49	39.4	2500	17.7	6.5	0.001	0.174	0.59	9.9	1.1	<0.2	36.4	<0.01	0.18
E5269989 (5546499)	0.44	46.1	2020	20.4	8.0	0.001	0.112	0.68	12.8	1.1	<0.2	22.2	<0.01	0.20
E5269990 (5546500)	0.33	47.4	1260	26.2	5.4	0.001	0.044	2.17	11.0	0.9	<0.2	12.0	<0.01	0.23
E5269991 (5546501)	0.55	40.5	1500	20.1	7.5	<0.001	0.095	0.68	9.5	1.0	<0.2	21.1	<0.01	0.22
E5269992 (5546502)	0.44	44.9	2290	27.1	8.9	<0.001	0.119	0.94	11.1	1.3	<0.2	18.8	<0.01	0.25
E5269993 (5546503)	0.36	46.1	1330	30.2	5.9	<0.001	0.050	0.61	7.5	0.8	<0.2	10.3	<0.01	0.26
E5269994 (5546504)	0.26	50.5	1320	26.6	6.0	<0.001	0.039	0.33	7.5	0.5	<0.2	8.0	<0.01	0.23
E5269995 (5546505)	0.44	46.6	1360	16.0	6.3	0.001	0.045	6.89	9.9	0.9	<0.2	12.6	<0.01	0.28
E5544460 (5546506)	0.46	45.7	1050	19.6	6.2	<0.001	0.041	0.77	15.4	1.0	<0.2	23.6	<0.01	0.20
E5544461 (5546507)	0.52	42.8	1290	20.1	9.4	<0.001	0.071	0.91	13.5	0.8	<0.2	17.4	<0.01	0.16
E5544462 (5546508)	0.35	38.3	668	27.4	6.7	<0.001	0.025	0.75	4.8	0.5	<0.2	9.2	<0.01	0.14
E5544463 (5546509)	0.45	31.2	1940	45.4	10.0	<0.001	0.109	0.69	3.7	0.6	<0.2	10.2	<0.01	0.18
E5544464 (5546510)	0.50	43.9	2140	17.4	9.7	0.001	0.152	0.83	14.9	2.1	<0.2	51.3	<0.01	0.17
E5544465 (5546511)	0.42	44.3	1760	25.4	11.3	<0.001	0.112	0.88	9.5	0.8	<0.2	21.9	<0.01	0.19
E5544466 (5546512)	0.51	44.1	1240	27.2	8.9	<0.001	0.063	1.11	3.9	0.7	<0.2	11.0	<0.01	0.28
E5544467 (5546513)	0.45	39.7	2360	27.5	9.2	0.001	0.118	1.15	6.4	0.9	<0.2	24.5	<0.01	0.21
E5544468 (5546514)	0.48	34.5	1900	21.5	8.7	0.001	0.142	0.76	4.8	1.5	<0.2	68.0	<0.01	0.22
E5544469 (5546515)	0.51	36.6	1980	26.2	9.9	<0.001	0.112	0.84	5.7	0.7	<0.2	18.0	<0.01	0.17
E5544470 (5546516)	0.28	64.0	1250	36.5	8.3	0.001	0.076	1.39	12.2	1.5	<0.2	24.3	<0.01	0.23
E5544471 (5546517)	0.26	77.4	1270	44.1	7.2	0.001	0.065	1.77	10.5	1.3	<0.2	12.7	<0.01	0.23
E5544472 (5546518)	0.12	66.2	889	49.3	6.9	0.001	0.087	2.96	10.4	1.2	<0.2	16.9	<0.01	0.23
E5544473 (5546519)	0.18	71.5	1150	37.2	6.4	0.001	0.193	1.85	10.4	1.4	<0.2	35.3	<0.01	0.28
E5544474 (5546520)	0.12	85.5	1600	36.9	4.7	0.007	0.090	2.47	8.5	3.0	<0.2	32.4	<0.01	0.19
E5544475 (5546521)	0.59	36.3	759	3.9	4.4	0.002	0.092	0.51	4.8	0.5	<0.2	47.3	<0.01	0.07

Certified By:

*Ron Cardinal*



## Certificate of Analysis

AGAT WORK ORDER: 14Y860576

PROJECT NO:

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 07, 2014

DATE RECEIVED: Jul 07, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

Analyte:	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01	0.01
Sample ID (AGAT ID)														
E5544476 (5546522)	0.12	56.9	615	24.7	4.5	0.011	0.113	1.59	6.4	2.1	<0.2	28.0	<0.01	0.12
E5544477 (5546523)	0.14	41.4	983	44.1	4.5	0.002	0.100	1.63	5.2	2.0	<0.2	21.9	<0.01	0.15
E5544478 (5546524)	0.09	62.0	783	47.7	5.4	0.001	0.024	0.80	6.9	0.7	<0.2	16.5	<0.01	0.13
E5544479 (5546525)	0.10	54.7	850	69.6	5.9	<0.001	0.029	1.26	8.8	0.9	<0.2	16.1	<0.01	0.15
E5544480 (5546526)	0.16	63.8	1280	107	7.4	0.002	0.090	2.33	10.4	1.4	<0.2	15.2	<0.01	0.19
E5544481 (5546527)	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC
E5544482 (5546528)	0.09	51.9	846	85.5	8.0	<0.001	0.022	0.91	8.3	0.8	<0.2	33.8	<0.01	0.12
E5544483 (5546529)	0.05	56.2	807	104	7.2	<0.001	0.033	0.72	7.3	0.6	<0.2	27.3	<0.01	0.09
E5544484 (5546530)	0.57	33.5	616	31.5	5.7	<0.001	0.040	1.04	3.0	0.5	<0.2	10.8	<0.01	0.11
E5544485 (5546531)	0.41	35.9	789	32.7	5.3	<0.001	0.043	0.82	2.1	0.4	<0.2	9.5	<0.01	0.16
E5544486 (5546532)	0.35	30.1	2220	47.5	11.3	<0.001	0.093	1.01	1.7	0.8	<0.2	8.2	<0.01	0.16
E5544487 (5546533)	0.35	30.8	1610	36.6	10.0	<0.001	0.094	1.00	2.0	0.5	<0.2	7.3	<0.01	0.14
E5544488 (5546534)	0.19	50.9	1230	48.5	7.6	0.001	0.045	1.27	7.9	0.7	<0.2	14.6	<0.01	0.13
E5544489 (5546535)	0.34	39.8	1550	54.0	7.5	<0.001	0.055	1.28	3.1	0.7	<0.2	9.7	<0.01	0.14
E5544490 (5546536)	0.31	44.4	1300	47.7	7.2	<0.001	0.049	1.44	3.2	0.6	<0.2	11.3	<0.01	0.12
E5544491 (5546537)	0.39	45.9	1330	67.2	6.9	<0.001	0.046	1.20	3.0	0.7	<0.2	9.7	<0.01	0.19
E5544492 (5546538)	0.49	24.6	1680	50.9	9.5	<0.001	0.089	0.87	1.4	0.5	<0.2	7.9	<0.01	0.14
E5544493 (5546539)	0.49	62.7	723	33.0	5.5	<0.001	0.034	1.45	4.8	0.8	<0.2	10.8	<0.01	0.18
E5544494 (5546540)	0.39	54.9	982	46.6	6.8	0.001	0.045	1.67	6.5	0.8	<0.2	15.0	<0.01	0.16
E5544495 (5546541)	0.44	33.5	899	43.5	7.3	<0.001	0.067	1.85	2.4	0.6	<0.2	17.7	<0.01	0.13
E5544496 (5546542)	0.52	32.7	1680	44.0	9.8	<0.001	0.089	1.07	4.8	0.7	<0.2	19.7	<0.01	0.13
E5577218 (5546543)	0.26	41.9	1240	21.5	5.7	<0.001	0.066	0.85	8.2	0.7	<0.2	10.8	<0.01	0.21
E5577219 (5546544)	0.74	39.8	889	23.6	7.0	<0.001	0.030	0.67	4.4	0.6	<0.2	7.2	<0.01	0.17
E5577220 (5546545)	0.53	39.8	1900	18.2	10.3	<0.001	0.092	0.65	9.6	0.9	<0.2	17.2	<0.01	0.17
E5577221 (5546546)	0.68	39.8	1190	19.6	6.6	<0.001	0.030	0.59	3.9	0.5	<0.2	6.2	<0.01	0.20
E5577222 (5546547)	0.48	46.5	1280	20.7	8.5	0.001	0.046	0.74	11.5	0.9	<0.2	17.8	<0.01	0.15
E5577223 (5546548)	0.62	27.9	2770	17.6	10.2	<0.001	0.164	0.54	3.8	0.5	<0.2	10.7	<0.01	0.18
E5577224 (5546549)	0.45	37.1	1260	13.9	8.1	<0.001	0.097	0.71	7.9	0.9	<0.2	27.3	<0.01	0.15
E5577225 (5546550)	0.43	39.3	1190	13.9	7.3	<0.001	0.082	0.68	7.5	0.7	<0.2	24.2	<0.01	0.14
E5577226 (5546551)	0.62	46.5	1120	19.1	6.0	<0.001	0.056	0.73	7.1	0.7	<0.2	9.5	<0.01	0.16
E5577227 (5546552)	0.67	29.0	1350	23.1	8.7	<0.001	0.060	0.85	2.4	0.5	<0.2	7.4	<0.01	0.15
E5577228 (5546553)	0.41	34.6	1520	24.0	8.4	<0.001	0.075	0.83	4.2	0.6	<0.2	13.8	<0.01	0.16

Certified By:

*Ron Cardinal*



# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y860576

PROJECT NO:

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

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 07, 2014

DATE RECEIVED: Jul 07, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

Analyte:	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01	0.01
Sample ID (AGAT ID)														
E5577229 (5546554)	0.40	35.1	1670	24.3	9.8	<0.001	0.105	0.73	5.7	0.5	<0.2	15.2	<0.01	0.14
E5577230 (5546555)	0.41	37.2	1630	20.4	10.1	0.001	0.087	0.69	8.4	1.0	<0.2	21.9	<0.01	0.15
E5577231 (5546556)	0.61	40.6	2120	20.5	10.5	<0.001	0.135	0.61	8.5	0.6	<0.2	22.8	<0.01	0.20
E5577232 (5546557)	0.66	45.1	3160	18.7	9.1	<0.001	0.163	0.71	7.1	0.8	<0.2	22.0	<0.01	0.19
E5577233 (5546558)	0.11	81.2	817	29.3	4.4	0.003	0.081	1.60	10.0	1.8	<0.2	22.9	<0.01	0.22
E5577234 (5546559)	<0.05	46.5	648	27.1	4.8	0.005	0.085	1.25	6.1	1.5	<0.2	28.2	<0.01	0.17
E5577235 (5546560)	0.09	39.6	1080	54.9	7.6	0.001	0.085	0.64	6.0	0.8	<0.2	24.3	<0.01	0.15
E5577236 (5546561)	0.09	48.5	726	69.8	7.2	<0.001	0.017	0.77	7.2	0.7	<0.2	25.0	<0.01	0.13
E5577237 (5546562)	0.05	50.1	817	73.5	6.5	<0.001	0.026	0.74	7.3	0.6	<0.2	32.4	<0.01	0.13
E5577238 (5546563)	<0.05	47.2	702	75.2	6.2	<0.001	0.016	0.69	6.3	0.5	<0.2	40.2	<0.01	0.11
E5577239 (5546564)	0.19	53.9	852	75.7	6.7	<0.001	0.040	0.89	6.9	0.6	<0.2	25.6	<0.01	0.09
E5577240 (5546565)	0.12	68.0	987	134	9.0	<0.001	0.047	0.81	7.9	0.7	0.4	35.2	<0.01	0.08
E5577241 (5546566)	0.16	71.9	1010	153	10.5	0.001	0.039	0.98	10.3	0.8	0.3	53.5	<0.01	0.06
E5577242 (5546567)	0.37	31.5	2150	121	10.2	<0.001	0.124	0.66	5.2	0.8	0.2	8.0	<0.01	0.08
E5577243 (5546568)	0.47	37.1	967	35.8	7.9	<0.001	0.038	0.89	5.8	0.6	0.2	13.1	<0.01	0.05
E5577244 (5546569)	0.58	20.3	1930	35.5	8.1	<0.001	0.111	0.61	1.4	0.4	0.4	6.9	<0.01	0.06
E5577245 (5546570)	0.51	28.6	2060	34.2	8.2	<0.001	0.094	0.87	1.6	0.5	0.3	8.6	<0.01	0.06
E5577246 (5546571)	0.56	24.8	2020	33.4	10.1	<0.001	0.094	0.78	1.6	0.4	0.3	5.8	<0.01	0.05
E5577247 (5546572)	0.64	22.6	2750	33.3	12.0	<0.001	0.111	0.90	1.8	0.6	0.4	6.8	0.01	0.07
E5577248 (5546573)	0.40	20.2	2140	24.5	11.3	<0.001	0.130	0.78	1.4	0.5	0.5	6.9	<0.01	0.07
E5577249 (5546574)	0.28	52.7	1390	76.7	7.2	0.001	0.055	0.84	15.7	1.2	0.2	14.6	<0.01	0.08
E5577250 (5546575)	0.55	4200	723	17.9	8.9	0.009	1.88	0.22	3.6	4.5	2.6	55.5	0.01	0.39
E5577251 (5546576)	0.20	72.2	1420	93.0	7.1	0.001	0.048	1.14	14.6	1.3	0.2	17.0	<0.01	0.19
E5577252 (5546577)	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC

Certified By:

*Ron Cardinal*



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## Certificate of Analysis

AGAT WORK ORDER: 14Y860576

PROJECT NO:

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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 07, 2014

DATE RECEIVED: Jul 07, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
Sample ID (AGAT ID)									
E5578360 (5546362)	6.0	0.017	0.06	0.72	47.0	<0.05	12.5	118	2.0
E5578361 (5546363)	2.4	0.012	0.10	0.50	80.0	0.06	19.5	98.0	3.5
E5578362 (5546364)	1.8	0.012	0.07	0.41	98.4	<0.05	23.9	104	2.4
E5578363 (5546365)	2.3	0.011	0.07	0.39	123	<0.05	23.9	112	2.2
E5578364 (5546366)	2.2	0.037	0.16	1.05	43.9	0.20	11.7	88.3	1.4
E5578365 (5546367)	1.6	0.021	0.14	1.41	49.7	0.12	15.0	99.4	1.6
E5578366 (5546368)	2.5	0.015	0.13	0.65	91.6	0.08	21.1	103	2.6
E5578367 (5546369)	2.6	0.011	0.10	0.40	84.9	0.06	18.9	96.1	2.9
E5578368 (5546370)	2.3	0.014	0.14	0.59	75.7	0.08	26.5	95.0	3.5
E5578369 (5546371)	2.6	0.014	0.20	0.47	95.3	0.07	28.8	108	3.9
E5578370 (5546372)	2.6	0.018	0.15	0.55	81.0	0.08	33.4	92.7	3.3
E5578371 (5546373)	2.0	0.016	0.13	0.52	84.0	0.19	21.9	82.2	2.9
E5578372 (5546374)	1.2	0.016	0.10	0.33	88.1	0.06	23.7	69.7	2.6
E5578373 (5546375)	1.8	0.014	0.12	0.59	65.9	0.08	14.3	84.0	3.0
E5578374 (5546376)	3.7	0.010	0.12	0.49	80.6	<0.05	17.7	91.1	2.7
E5578375 (5546377)	1.4	0.157	0.06	0.34	66.4	0.65	7.90	48.5	6.9
E5578376 (5546378)	1.6	0.017	0.15	0.52	143	0.13	63.7	96.1	2.5
E5578377 (5546379)	3.1	0.018	0.13	0.79	88.7	0.10	20.9	94.2	3.0
E5578378 (5546380)	4.2	0.012	0.12	1.02	56.6	0.06	19.0	93.5	4.3
E5578379 (5546381)	3.1	0.009	0.12	0.59	82.7	0.05	33.3	91.5	4.2
E5578380 (5546382)	1.7	0.021	0.07	0.80	39.8	0.13	6.44	81.5	2.1
E5578381 (5546383)	2.4	0.013	0.10	0.79	77.0	0.07	21.1	103	3.0
E5578382 (5546384)	2.5	0.017	0.09	0.63	100	0.08	25.1	108	2.1
E5578383 (5546385)	2.6	0.012	0.08	0.41	119	0.05	24.5	119	2.5
E5578384 (5546386)	0.5	0.019	0.11	0.86	49.9	0.13	4.34	84.0	1.0
E5578385 (5546387)	0.3	0.022	0.08	0.70	58.6	0.15	4.35	115	0.7
E5578386 (5546388)	1.1	0.019	0.09	0.50	47.1	0.09	4.01	93.2	0.7
E5578387 (5546389)	1.2	0.022	0.08	0.37	123	0.09	4.93	114	1.0
E5578388 (5546390)	1.1	0.017	0.12	0.47	93.2	0.10	8.20	82.2	1.4
E5578389 (5546391)	4.1	0.015	0.13	0.43	97.1	0.12	6.19	91.4	1.9
E5578390 (5546392)	3.8	0.030	0.12	0.52	78.7	0.26	3.55	74.3	1.0
E5578391 (5546393)	1.8	0.013	0.14	0.46	92.6	0.09	25.1	109	2.6

Certified By:

*Ron Cardinal*





# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y860576

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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 07, 2014

DATE RECEIVED: Jul 07, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
Sample ID (AGAT ID)									
E5578392 (5546394)	0.4	0.018	0.10	0.48	89.8	0.13	4.85	87.6	0.8
E5578393 (5546395)	0.4	0.022	0.11	0.50	88.9	0.14	4.22	78.2	0.6
E5578394 (5546396)	2.8	0.010	0.10	0.49	65.6	<0.05	7.34	93.7	1.0
E5578395 (5546397)	0.8	0.015	0.11	0.46	66.8	0.15	5.71	105	0.7
E5546760 (5546398)	3.3	0.011	0.14	0.29	151	<0.05	20.3	128	1.6
E5546761 (5546399)	3.8	0.009	0.17	0.49	65.0	<0.05	26.2	108	3.7
E5546762 (5546400)	4.6	0.006	0.12	0.47	28.4	<0.05	15.9	84.1	2.0
E5546763 (5546401)	3.5	0.007	0.12	0.60	54.1	<0.05	23.3	110	2.3
E5546764 (5546402)	2.4	0.020	0.13	0.49	171	0.07	36.9	122	1.4
E5546765 (5546403)	3.0	0.007	0.25	0.34	161	<0.05	57.4	115	2.6
E5546766 (5546404)	1.4	0.015	0.15	0.31	107	<0.05	12.0	91.3	1.9
E5546767 (5546405)	2.4	0.018	0.14	0.40	103	0.11	4.92	84.0	0.9
E5546768 (5546406)	2.4	0.014	0.11	0.43	82.6	0.06	10.3	101	1.9
E5546769 (5546407)	6.0	0.034	0.09	0.67	64.2	0.11	19.1	94.0	2.3
E5546770 (5546408)	6.0	0.013	0.11	0.41	79.4	0.07	9.07	105	1.3
E5546771 (5546409)	1.9	0.021	0.12	0.53	78.6	0.10	10.2	96.4	2.2
E5546772 (5546410)	2.8	0.021	0.11	0.53	104	0.10	24.7	100	2.0
E5546773 (5546411)	1.4	0.019	0.09	0.44	88.5	0.10	8.15	92.8	2.4
E5546774 (5546412)	1.9	0.015	0.09	0.56	53.7	0.08	7.92	83.3	3.4
E5546775 (5546413)	1.2	0.156	0.06	0.34	65.1	0.43	7.74	48.4	7.1
E5546776 (5546414)	2.3	0.014	0.08	0.63	51.2	0.09	11.9	88.5	3.3
E5546777 (5546415)	1.2	0.022	0.08	0.98	39.5	0.20	7.38	88.7	1.5
E5546778 (5546416)	2.2	0.018	0.10	0.77	40.7	0.13	7.02	77.9	1.4
E5546779 (5546417)	4.5	0.012	0.13	1.06	33.8	0.05	20.6	94.7	2.2
E5546780 (5546418)	2.3	0.021	0.15	0.52	85.4	0.13	35.3	106	3.1
E5546781 (5546419)	2.5	0.022	0.09	0.51	42.7	0.10	4.67	86.6	1.0
E5578396 (5546420)	0.4	0.018	0.11	0.44	83.9	0.10	2.91	88.9	0.6
E5578397 (5546421)	1.2	0.017	0.12	0.48	55.9	0.12	4.69	84.9	0.6
E5578398 (5546422)	0.5	0.021	0.12	0.50	68.4	0.17	3.82	82.8	0.6
E5578399 (5546423)	1.9	0.025	0.11	0.46	73.3	0.11	5.38	84.3	0.5
E5578400 (5546424)	0.5	0.032	0.04	0.09	60.5	0.46	2.83	49.9	2.4
E5578401 (5546425)	1.6	0.022	0.09	0.42	87.9	0.10	5.81	87.4	1.1

**Certified By:**

*Ron Cardinal*





# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y860576

PROJECT NO:

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
CANADA L4Z 1N9  
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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 07, 2014

DATE RECEIVED: Jul 07, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
Sample ID (AGAT ID)									
E5578402 (5546426)	2.7	0.011	0.11	0.42	115	<0.05	15.3	115	1.6
E5578403 (5546427)	4.5	0.015	0.13	0.44	90.3	0.08	18.3	109	1.8
E5578404 (5546428)	6.2	0.006	0.12	0.49	38.7	<0.05	18.0	97.5	1.9
E5578405 (5546429)	2.9	0.005	0.10	0.41	32.5	<0.05	16.7	104	2.1
E5578406 (5546430)	3.4	0.006	0.13	0.49	28.4	<0.05	16.8	115	2.2
E5578407 (5546431)	3.2	0.010	0.12	0.45	78.8	<0.05	17.8	113	1.8
E5578408 (5546432)	1.7	0.017	0.12	0.58	63.5	0.11	4.99	92.7	0.8
E5578409 (5546433)	1.7	0.016	0.09	0.47	72.1	0.09	5.13	90.7	0.7
E5546782 (5546434)	0.8	0.026	0.07	0.82	42.2	0.17	5.09	84.5	1.4
E5546783 (5546435)	0.5	0.017	0.10	0.62	46.0	0.15	3.53	89.7	1.5
E5546784 (5546436)	1.9	0.037	0.10	0.56	52.4	0.22	4.66	71.3	0.8
E5546785 (5546437)	1.0	0.022	0.07	0.58	41.8	0.14	5.78	85.6	1.6
E5546786 (5546438)	3.4	0.027	0.12	0.59	43.0	0.18	4.72	62.8	1.0
E5546787 (5546439)	1.8	0.022	0.10	0.52	71.9	0.11	20.7	84.9	2.3
E5546788 (5546440)	1.8	0.029	0.11	0.53	74.4	0.17	13.5	88.5	1.8
E5546789 (5546441)	2.0	0.025	0.13	0.64	111	0.13	15.0	97.7	1.5
E5546790 (5546442)	1.5	0.023	0.10	0.55	69.3	0.10	19.5	80.2	1.9
E5546791 (5546443)	2.2	0.026	0.07	0.43	77.4	0.10	12.1	89.7	1.6
E5546792 (5546444)	2.5	0.027	0.10	0.47	73.8	0.09	10.9	89.8	1.5
E5546793 (5546445)	1.8	0.026	0.11	0.55	61.6	0.33	11.4	82.6	1.4
E5546794 (5546446)	1.5	0.023	0.12	0.46	79.6	0.11	8.39	89.4	1.4
E5546795 (5546447)	0.7	0.010	0.07	0.39	13.4	0.06	9.05	50.5	3.5
E5546796 (5546448)	2.3	0.005	0.12	0.50	20.1	0.06	18.4	68.7	2.9
E5546797 (5546449)	1.9	0.016	0.10	0.62	54.6	0.10	16.9	80.9	3.8
E5546798 (5546450)	0.8	0.012	0.07	0.52	54.5	0.07	15.6	62.8	2.3
E5546799 (5546451)	2.5	0.014	0.06	0.49	62.9	0.06	13.4	94.3	2.4
E5546800 (5546452)	0.5	0.027	0.03	0.08	60.3	0.47	2.75	42.9	2.0
E5546801 (5546453)	1.2	0.024	0.08	0.49	63.0	0.14	11.3	70.0	1.1
E5546802 (5546454)	0.5	0.035	0.12	0.51	69.7	0.24	6.96	85.6	<0.5
E5546803 (5546455)	0.3	0.030	0.07	0.38	66.8	0.17	2.77	98.5	<0.5
E5546804 (5546456)	0.4	0.021	0.09	0.41	86.9	0.16	5.85	83.9	0.5
E5546805 (5546457)	0.7	0.023	0.08	0.46	76.0	0.12	6.44	81.7	0.9

Certified By:

*Ron Cardinal*



**AGAT** Laboratories

## Certificate of Analysis

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DATE SAMPLED: Jul 07, 2014

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SAMPLE TYPE: Soil

Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
Sample ID (AGAT ID)									
E5546806 (5546458)	0.9	0.030	0.08	0.57	72.5	0.17	8.07	91.9	<0.5
E5546807 (5546459)	0.4	0.024	0.07	0.53	66.2	0.14	4.96	76.0	<0.5
E5546808 (5546460)	0.3	0.023	0.12	0.67	73.8	0.16	9.60	90.1	<0.5
E5546809 (5546461)	0.3	0.029	0.11	0.57	72.2	0.22	5.84	85.7	<0.5
E5577210 (5546462)	1.8	0.008	0.11	0.54	68.9	<0.05	19.4	109	2.7
E5577211 (5546463)	0.9	0.016	0.09	1.59	51.8	0.12	7.08	84.6	1.6
E5577212 (5546464)	1.1	0.010	0.07	0.37	43.0	0.06	4.43	75.8	1.7
E5577213 (5546465)	3.3	0.011	0.06	0.28	142	0.06	17.2	119	2.0
E5577214 (5546466)	1.8	0.017	0.08	0.34	63.7	0.13	3.61	108	0.9
E5577215 (5546467)	2.9	0.017	0.12	1.02	62.5	0.12	9.27	94.5	1.4
E5577216 (5546468)	2.9	0.023	0.06	0.43	67.2	0.11	7.38	91.5	0.8
E5577217 (5546469)	2.7	0.007	0.09	0.44	77.2	<0.05	7.25	98.8	1.2
E5269960 (5546470)	4.2	0.006	0.12	0.20	171	<0.05	21.8	124	4.2
E5269961 (5546471)	3.3	<0.005	0.12	0.31	91.4	0.05	10.8	97.6	1.5
E5269962 (5546472)	3.1	0.006	0.12	0.65	66.2	0.09	30.4	104	6.2
E5269963 (5546473)	1.9	0.014	0.08	0.48	82.3	0.10	21.3	90.7	2.9
E5269964 (5546474)	2.6	0.015	0.09	0.41	60.1	0.08	9.08	86.1	2.3
E5269965 (5546475)	3.0	0.016	0.07	0.53	60.2	0.07	15.2	82.2	3.2
E5269966 (5546476)	2.4	0.017	0.08	0.59	106	0.09	19.7	99.2	2.4
E5269967 (5546477)	2.0	0.007	0.09	0.61	40.6	0.08	12.1	93.8	3.8
E5269968 (5546478)	1.9	0.018	0.08	0.40	68.7	0.12	3.88	83.2	0.7
E5269969 (5546479)	2.2	0.012	0.08	0.52	50.6	0.07	8.27	91.5	3.2
E5269970 (5546480)	1.9	0.010	0.07	0.50	50.3	0.05	13.0	85.1	4.5
E5269971 (5546481)	2.1	0.014	0.07	0.48	62.2	0.09	10.8	82.1	3.2
E5269972 (5546482)	1.9	0.012	0.07	0.61	50.3	0.09	12.8	82.0	4.0
E5269973 (5546483)	2.7	0.014	0.07	0.39	94.7	0.07	15.6	117	2.8
E5269974 (5546484)	1.6	0.023	0.12	0.57	97.8	0.15	27.2	103	1.9
E5269975 (5546485)	1.0	0.151	0.06	0.30	66.0	0.43	7.39	44.6	5.9
E5269976 (5546486)	2.6	0.012	0.09	0.40	138	0.22	24.7	116	3.0
E5269977 (5546487)	2.5	0.008	0.11	0.27	138	0.09	19.5	119	2.4
E5269978 (5546488)	2.4	0.013	0.07	0.91	64.5	0.13	15.2	91.5	4.0
E5269979 (5546489)	3.0	0.015	0.08	0.81	51.0	0.11	11.7	89.8	3.2

**Certified By:**

*Ron Cardinal*



# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y860576

PROJECT NO:

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

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 07, 2014

DATE RECEIVED: Jul 07, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
Sample ID (AGAT ID)									
E5269980 (5546490)	2.9	0.014	0.09	0.96	46.3	0.14	11.0	102	2.6
E5269981 (5546491)	2.9	0.009	0.07	0.51	59.5	0.07	13.4	86.0	6.4
E5269982 (5546492)	2.2	0.018	0.08	0.82	42.6	0.21	13.3	92.4	2.0
E5269983 (5546493)	1.7	0.021	0.07	0.71	80.3	0.14	21.4	99.0	1.9
E5269984 (5546494)	1.3	0.017	0.06	0.50	68.5	0.10	14.1	87.8	1.7
E5269985 (5546495)	1.3	0.017	0.08	0.44	65.3	0.12	18.1	83.7	2.1
E5269986 (5546496)	1.4	0.018	0.08	0.55	72.6	0.12	18.7	83.3	1.6
E5269987 (5546497)	1.3	0.021	0.11	0.65	80.3	0.12	22.1	88.3	1.3
E5269988 (5546498)	0.9	0.018	0.09	0.44	80.2	0.10	21.2	84.7	1.8
E5269989 (5546499)	1.3	0.019	0.10	0.56	93.3	0.12	25.2	96.4	1.6
E5269990 (5546500)	2.8	0.014	0.06	0.69	64.2	0.12	22.6	104	3.7
E5269991 (5546501)	1.9	0.021	0.12	0.49	66.2	0.12	18.7	85.3	2.1
E5269992 (5546502)	1.5	0.014	0.13	0.50	81.8	0.11	22.9	98.2	2.0
E5269993 (5546503)	2.6	0.015	0.08	0.61	61.8	0.20	14.2	92.7	1.5
E5269994 (5546504)	2.8	0.011	0.06	0.48	66.1	0.05	11.8	101	1.4
E5269995 (5546505)	2.5	0.015	0.10	0.55	68.2	0.28	18.3	96.4	2.3
E5544460 (5546506)	2.8	0.026	0.11	0.56	132	0.16	20.7	92.7	1.7
E5544461 (5546507)	2.2	0.021	0.17	0.47	124	0.15	15.3	91.9	1.0
E5544462 (5546508)	2.5	0.016	0.10	0.87	47.2	0.10	9.05	83.1	1.4
E5544463 (5546509)	1.0	0.014	0.12	0.61	68.0	0.11	9.25	78.5	1.3
E5544464 (5546510)	1.2	0.018	0.14	0.78	108	0.19	32.8	90.5	1.6
E5544465 (5546511)	1.8	0.015	0.14	0.50	90.5	0.21	15.5	93.1	1.6
E5544466 (5546512)	1.0	0.020	0.12	0.50	62.6	0.20	7.89	79.7	0.7
E5544467 (5546513)	1.3	0.015	0.14	0.57	78.9	0.10	13.3	86.3	1.5
E5544468 (5546514)	0.9	0.013	0.09	1.29	59.3	0.09	19.0	71.1	1.3
E5544469 (5546515)	1.2	0.020	0.12	0.56	82.3	0.16	10.3	84.0	1.1
E5544470 (5546516)	2.6	0.012	0.17	0.73	71.2	0.08	25.0	97.2	3.0
E5544471 (5546517)	2.7	0.011	0.17	0.76	59.6	0.06	22.4	103	2.9
E5544472 (5546518)	5.3	0.005	0.30	1.02	37.3	<0.05	15.2	128	2.2
E5544473 (5546519)	3.4	0.006	0.36	0.79	41.2	<0.05	19.2	111	1.7
E5544474 (5546520)	6.6	<0.005	1.07	0.97	36.9	<0.05	5.38	145	11.7
E5544475 (5546521)	1.3	0.158	0.06	0.32	71.6	0.44	8.04	49.0	5.6

Certified By:

*Ron Cardinal*



# AGAT Laboratories

## Certificate of Analysis

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<http://www.agatlabs.com>

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 07, 2014

DATE RECEIVED: Jul 07, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
Sample ID (AGAT ID)									
E5544476 (5546522)	5.3	<0.005	0.28	1.02	23.9	<0.05	8.32	96.1	10.8
E5544477 (5546523)	6.5	<0.005	0.24	1.28	26.5	<0.05	7.60	89.8	9.2
E5544478 (5546524)	5.4	<0.005	0.15	0.87	36.4	<0.05	13.5	132	5.4
E5544479 (5546525)	6.4	<0.005	0.17	1.05	37.3	<0.05	14.1	122	6.1
E5544480 (5546526)	6.7	0.007	0.30	2.53	39.5	<0.05	15.9	154	4.2
E5544481 (5546527)	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC
E5544482 (5546528)	7.6	0.006	0.30	1.15	31.2	<0.05	14.8	140	5.7
E5544483 (5546529)	7.5	<0.005	0.32	1.24	31.6	<0.05	11.0	143	10.0
E5544484 (5546530)	1.7	0.022	0.11	0.84	41.9	0.24	7.53	81.8	1.7
E5544485 (5546531)	0.9	0.018	0.10	0.74	35.5	0.13	5.89	94.0	1.2
E5544486 (5546532)	0.6	0.014	0.15	1.26	43.9	0.63	6.62	110	0.7
E5544487 (5546533)	0.8	0.007	0.14	0.88	33.5	0.11	6.36	108	0.6
E5544488 (5546534)	3.0	0.007	0.16	0.97	31.5	0.05	19.4	123	<0.5
E5544489 (5546535)	1.1	0.013	0.17	1.16	42.0	0.13	8.79	119	0.8
E5544490 (5546536)	1.1	0.013	0.18	1.02	39.9	0.13	7.91	113	0.7
E5544491 (5546537)	2.0	0.014	0.19	0.85	41.0	0.13	8.44	129	0.8
E5544492 (5546538)	0.6	0.021	0.14	0.83	46.7	0.19	5.59	93.7	0.6
E5544493 (5546539)	2.5	0.024	0.11	0.84	37.0	0.17	13.1	102	0.9
E5544494 (5546540)	3.2	0.017	0.16	1.21	40.6	0.18	15.6	100	1.5
E5544495 (5546541)	1.9	0.020	0.13	0.85	36.2	0.17	5.71	74.2	0.5
E5544496 (5546542)	1.9	0.019	0.16	0.71	47.1	0.17	12.1	92.8	1.9
E5577218 (5546543)	2.4	0.010	0.06	0.49	61.9	0.05	13.1	90.0	3.5
E5577219 (5546544)	2.8	0.026	0.09	0.61	61.9	0.21	6.44	88.6	0.6
E5577220 (5546545)	1.8	0.021	0.13	0.84	103	0.15	17.0	89.2	1.7
E5577221 (5546546)	2.8	0.028	0.05	0.42	68.2	0.12	5.19	92.5	0.6
E5577222 (5546547)	2.6	0.020	0.10	0.60	87.8	0.10	20.7	91.7	2.2
E5577223 (5546548)	0.7	0.020	0.09	0.38	110	0.09	4.08	71.8	0.9
E5577224 (5546549)	1.7	0.017	0.10	0.40	71.0	0.07	11.2	81.7	2.4
E5577225 (5546550)	1.7	0.018	0.10	0.41	73.9	0.10	11.0	81.6	2.1
E5577226 (5546551)	1.9	0.025	0.10	0.49	78.5	0.16	8.85	84.4	0.9
E5577227 (5546552)	0.6	0.027	0.09	0.58	63.5	0.22	4.77	77.0	<0.5
E5577228 (5546553)	1.5	0.014	0.10	0.53	53.9	0.08	6.82	80.9	1.8

Certified By:

*Ron Cardinal*



**AGAT** Laboratories

# Certificate of Analysis

AGAT WORK ORDER: 14Y860576

PROJECT NO:

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

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 07, 2014

DATE RECEIVED: Jul 07, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
Sample ID (AGAT ID)									
E5577229 (5546554)	1.7	0.014	0.10	0.46	70.5	0.07	6.96	88.8	2.6
E5577230 (5546555)	1.5	0.015	0.11	0.80	81.1	0.09	17.0	85.4	2.3
E5577231 (5546556)	1.3	0.020	0.11	0.47	102	0.10	9.95	85.4	1.9
E5577232 (5546557)	1.4	0.019	0.10	0.46	72.9	0.10	10.3	125	1.2
E5577233 (5546558)	4.4	<0.005	0.34	1.12	28.1	<0.05	13.9	136	3.7
E5577234 (5546559)	4.5	<0.005	0.23	0.95	23.1	<0.05	9.44	87.9	2.1
E5577235 (5546560)	3.7	<0.005	0.16	1.09	25.1	<0.05	17.5	110	4.7
E5577236 (5546561)	7.3	0.005	0.23	1.10	28.2	<0.05	13.7	130	9.6
E5577237 (5546562)	7.6	<0.005	0.23	1.18	29.0	<0.05	12.8	135	16.1
E5577238 (5546563)	7.5	<0.005	0.24	0.90	25.7	<0.05	11.3	120	18.6
E5577239 (5546564)	7.9	<0.005	0.22	1.55	34.3	<0.05	11.4	133	7.2
E5577240 (5546565)	9.0	<0.005	0.53	2.30	33.7	<0.05	15.8	167	4.2
E5577241 (5546566)	9.5	0.006	0.67	3.04	30.9	<0.05	21.9	163	5.7
E5577242 (5546567)	3.9	0.010	0.24	1.15	34.0	<0.05	10.9	101	2.9
E5577243 (5546568)	5.5	0.013	0.15	0.80	35.7	0.10	11.1	91.1	2.8
E5577244 (5546569)	1.0	0.020	0.11	0.71	34.2	0.08	3.99	88.4	0.7
E5577245 (5546570)	0.8	0.015	0.12	1.00	35.9	0.09	4.15	101	0.8
E5577246 (5546571)	0.7	0.017	0.11	0.74	38.2	0.08	3.28	85.3	0.9
E5577247 (5546572)	0.8	0.018	0.15	0.89	49.3	0.11	3.80	77.6	1.2
E5577248 (5546573)	0.4	0.018	0.13	0.82	43.0	0.09	6.33	71.6	0.6
E5577249 (5546574)	6.1	0.010	0.24	1.07	34.5	0.05	31.2	131	1.7
E5577250 (5546575)	1.7	0.144	0.10	0.34	53.9	1.95	5.51	85.5	2.9
E5577251 (5546576)	6.6	0.009	0.25	1.16	32.1	0.08	23.6	141	1.7
E5577252 (5546577)	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC

Comments: RDL - Reported Detection Limit

**Certified By:**

*Ron Cardinali*



**AGAT** Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y860576

PROJECT NO:

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

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 07, 2014

DATE RECEIVED: Jul 07, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	RDL:	0.01	0.001
E5578360 (5546362)		0.52	0.007
E5578361 (5546363)		0.32	0.021
E5578362 (5546364)		0.51	0.015
E5578363 (5546365)		0.53	0.018
E5578364 (5546366)		0.44	0.018
E5578365 (5546367)		0.42	0.033
E5578366 (5546368)		0.40	0.018
E5578367 (5546369)		0.42	0.015
E5578368 (5546370)		0.41	0.025
E5578369 (5546371)		0.37	0.148
E5578370 (5546372)		0.39	0.055
E5578371 (5546373)		0.40	0.009
E5578372 (5546374)		0.36	0.008
E5578373 (5546375)		0.38	0.007
E5578374 (5546376)		0.60	0.015
E5578375 (5546377)		0.04	0.002
E5578376 (5546378)		0.31	0.036
E5578377 (5546379)		0.39	0.023
E5578378 (5546380)		0.43	0.014
E5578379 (5546381)		0.43	0.020
E5578380 (5546382)		0.34	0.014
E5578381 (5546383)		0.40	0.015
E5578382 (5546384)		0.49	0.047
E5578383 (5546385)		0.45	0.047
E5578384 (5546386)		0.38	0.008
E5578385 (5546387)		0.33	0.006
E5578386 (5546388)		0.33	0.002
E5578387 (5546389)		0.40	0.001
E5578388 (5546390)		0.37	0.004
E5578389 (5546391)		0.35	0.003
E5578390 (5546392)		0.38	0.004

Certified By:

*Ron Cardinal*



**AGAT** Laboratories

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<http://www.agatlabs.com>

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 07, 2014

DATE RECEIVED: Jul 07, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	RDL:	0.01	0.001
E5578391 (5546393)		0.30	0.005
E5578392 (5546394)		0.28	0.002
E5578393 (5546395)		0.35	0.022
E5578394 (5546396)		0.30	0.003
E5578395 (5546397)		0.36	0.003
E5546760 (5546398)		0.43	0.007
E5546761 (5546399)		0.39	0.005
E5546762 (5546400)		0.44	0.003
E5546763 (5546401)		0.34	0.006
E5546764 (5546402)		0.49	0.003
E5546765 (5546403)		0.50	0.007
E5546766 (5546404)		0.35	0.004
E5546767 (5546405)		0.42	0.002
E5546768 (5546406)		0.52	0.004
E5546769 (5546407)		0.63	0.011
E5546770 (5546408)		0.52	0.009
E5546771 (5546409)		0.44	0.004
E5546772 (5546410)		0.48	0.019
E5546773 (5546411)		0.42	0.005
E5546774 (5546412)		0.48	0.004
E5546775 (5546413)		0.04	0.002
E5546776 (5546414)		0.53	0.009
E5546777 (5546415)		0.35	0.011
E5546778 (5546416)		0.42	0.010
E5546779 (5546417)		0.58	0.025
E5546780 (5546418)		0.37	0.084
E5546781 (5546419)		0.40	0.004
E5578396 (5546420)		0.28	0.004
E5578397 (5546421)		0.33	0.003
E5578398 (5546422)		0.35	0.004
E5578399 (5546423)		0.36	0.019

Certified By:

*Ron Cardinal*



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<http://www.agatlabs.com>

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 07, 2014

DATE RECEIVED: Jul 07, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	RDL:	0.01	0.001
E5578400 (5546424)		0.07	0.048
E5578401 (5546425)		0.39	0.004
E5578402 (5546426)		0.37	0.004
E5578403 (5546427)		0.34	0.006
E5578404 (5546428)		0.34	0.004
E5578405 (5546429)		0.25	0.004
E5578406 (5546430)		0.28	0.044
E5578407 (5546431)		0.27	0.004
E5578408 (5546432)		0.34	0.003
E5578409 (5546433)		0.35	0.002
E5546782 (5546434)		0.40	0.026
E5546783 (5546435)		0.26	0.004
E5546784 (5546436)		0.38	0.006
E5546785 (5546437)		0.42	0.009
E5546786 (5546438)		0.48	0.006
E5546787 (5546439)		0.28	0.023
E5546788 (5546440)		0.36	0.010
E5546789 (5546441)		0.29	0.032
E5546790 (5546442)		0.39	0.008
E5546791 (5546443)		0.35	0.013
E5546792 (5546444)		0.45	0.020
E5546793 (5546445)		0.40	0.013
E5546794 (5546446)		0.44	0.006
E5546795 (5546447)		0.17	0.006
E5546796 (5546448)		0.49	0.017
E5546797 (5546449)		0.49	0.014
E5546798 (5546450)		0.37	0.012
E5546799 (5546451)		0.56	0.007
E5546800 (5546452)		0.07	0.052
E5546801 (5546453)		0.39	0.018
E5546802 (5546454)		0.28	0.006

Certified By:

*Ron Cardinal*





**AGAT** Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y860576

PROJECT NO:

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

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 07, 2014

DATE RECEIVED: Jul 07, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	RDL:	0.01	0.001
E5546803 (5546455)		0.28	0.002
E5546804 (5546456)		0.41	0.001
E5546805 (5546457)		0.37	0.002
E5546806 (5546458)		0.40	0.005
E5546807 (5546459)		0.39	0.004
E5546808 (5546460)		0.44	0.004
E5546809 (5546461)		0.39	0.003
E5577210 (5546462)		0.33	0.007
E5577211 (5546463)		0.33	0.005
E5577212 (5546464)		0.39	0.002
E5577213 (5546465)		0.42	0.024
E5577214 (5546466)		0.36	0.003
E5577215 (5546467)		0.41	0.003
E5577216 (5546468)		0.40	0.005
E5577217 (5546469)		0.30	0.003
E5269960 (5546470)		0.43	0.009
E5269961 (5546471)		0.50	0.030
E5269962 (5546472)		0.29	0.013
E5269963 (5546473)		0.35	0.007
E5269964 (5546474)		0.38	0.009
E5269965 (5546475)		0.70	0.009
E5269966 (5546476)		0.32	0.017
E5269967 (5546477)		0.20	0.010
E5269968 (5546478)		0.26	0.005
E5269969 (5546479)		0.23	0.006
E5269970 (5546480)		0.29	0.006
E5269971 (5546481)		0.39	0.009
E5269972 (5546482)		0.33	0.008
E5269973 (5546483)		0.31	0.024
E5269974 (5546484)		0.34	0.033
E5269975 (5546485)		0.04	0.003

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# Certificate of Analysis

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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 07, 2014

DATE RECEIVED: Jul 07, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit: RDL:	kg	ppm
E5269976 (5546486)		0.46	0.017
E5269977 (5546487)		0.41	0.039
E5269978 (5546488)		0.32	0.018
E5269979 (5546489)		0.25	0.007
E5269980 (5546490)		0.22	0.008
E5269981 (5546491)		0.33	0.024
E5269982 (5546492)		0.36	0.016
E5269983 (5546493)		0.27	0.018
E5269984 (5546494)		0.24	0.019
E5269985 (5546495)		0.23	0.062
E5269986 (5546496)		0.23	0.014
E5269987 (5546497)		0.20	0.045
E5269988 (5546498)		0.22	0.009
E5269989 (5546499)		0.31	0.032
E5269990 (5546500)		0.35	0.024
E5269991 (5546501)		0.27	0.017
E5269992 (5546502)		0.31	0.055
E5269993 (5546503)		0.41	0.012
E5269994 (5546504)		0.46	0.008
E5269995 (5546505)		0.45	0.024
E5544460 (5546506)		0.52	0.006
E5544461 (5546507)		0.44	0.026
E5544462 (5546508)		0.48	0.003
E5544463 (5546509)		0.39	0.002
E5544464 (5546510)		0.39	0.004
E5544465 (5546511)		0.39	0.002
E5544466 (5546512)		0.43	0.005
E5544467 (5546513)		0.43	0.003
E5544468 (5546514)		0.33	0.002
E5544469 (5546515)		0.46	0.003
E5544470 (5546516)		0.43	0.010

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## Certificate of Analysis

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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 07, 2014

DATE RECEIVED: Jul 07, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	RDL:	0.01	0.001
E5544471 (5546517)		0.38	0.009
E5544472 (5546518)		0.50	0.006
E5544473 (5546519)		0.45	0.009
E5544474 (5546520)		0.57	0.009
E5544475 (5546521)		0.05	0.002
E5544476 (5546522)		0.57	0.007
E5544477 (5546523)		0.58	0.003
E5544478 (5546524)		0.54	0.002
E5544479 (5546525)		0.50	0.002
E5544480 (5546526)		0.55	0.004
E5544481 (5546527)		NRC	NRC
E5544482 (5546528)		0.42	<0.001
E5544483 (5546529)		0.51	<0.001
E5544484 (5546530)		0.36	0.004
E5544485 (5546531)		0.43	0.003
E5544486 (5546532)		0.36	0.002
E5544487 (5546533)		0.49	0.002
E5544488 (5546534)		0.54	0.002
E5544489 (5546535)		0.46	0.001
E5544490 (5546536)		0.55	0.003
E5544491 (5546537)		0.63	<0.001
E5544492 (5546538)		0.43	0.002
E5544493 (5546539)		0.54	0.020
E5544494 (5546540)		0.48	0.004
E5544495 (5546541)		0.50	0.003
E5544496 (5546542)		0.45	0.002
E5577218 (5546543)		0.37	0.025
E5577219 (5546544)		0.36	0.004
E5577220 (5546545)		0.42	0.002
E5577221 (5546546)		0.31	0.003
E5577222 (5546547)		0.37	0.005

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## Certificate of Analysis

AGAT WORK ORDER: 14Y860576

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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 07, 2014

DATE RECEIVED: Jul 07, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	RDL:	0.01	0.001
E5577223 (5546548)		0.33	0.002
E5577224 (5546549)		0.22	0.003
E5577225 (5546550)		0.31	0.003
E5577226 (5546551)		0.43	0.006
E5577227 (5546552)		0.39	0.003
E5577228 (5546553)		0.38	0.002
E5577229 (5546554)		0.36	0.002
E5577230 (5546555)		0.34	0.002
E5577231 (5546556)		0.33	0.003
E5577232 (5546557)		0.33	0.003
E5577233 (5546558)		0.45	0.008
E5577234 (5546559)		0.44	0.005
E5577235 (5546560)		0.33	0.001
E5577236 (5546561)		0.44	0.001
E5577237 (5546562)		0.59	0.002
E5577238 (5546563)		0.67	<0.001
E5577239 (5546564)		0.57	0.002
E5577240 (5546565)		0.46	0.002
E5577241 (5546566)		0.47	0.002
E5577242 (5546567)		0.44	0.001
E5577243 (5546568)		0.37	0.002
E5577244 (5546569)		0.34	0.031
E5577245 (5546570)		0.36	0.001
E5577246 (5546571)		0.44	<0.001
E5577247 (5546572)		0.41	0.001
E5577248 (5546573)		0.27	<0.001
E5577249 (5546574)		0.45	0.002
E5577250 (5546575)		0.04	0.110
E5577251 (5546576)		0.47	0.004
E5577252 (5546577)		0.51	NRC

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## Certificate of Analysis

AGAT WORK ORDER: 14Y860576

PROJECT NO:

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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 07, 2014

DATE RECEIVED: Jul 07, 2014

DATE REPORTED: Jul 21, 2014

SAMPLE TYPE: Soil

Comments: RDL - Reported Detection Limit

**Certified By:**

*Ron Cardinal*



CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	5546462	0.13	0.15	14.3%	5546482	0.08	0.08	0.0%	5546493	0.10	0.14		5546512	0.04	0.12	
Al	5546462	2.72	2.48	9.2%	5546482	2.33	2.31	0.9%	5546493	2.92	2.68	8.6%	5546512	2.03	2.07	2.0%
As	5546462	21.9	21.6	1.4%	5546482	6.0	5.6	6.9%	5546493	12.8	13.1	2.3%	5546512	25.0	25.6	2.4%
Au	5546462	< 0.005	< 0.005	0.0%	5546482	0.010	0.006		5546493	0.016	0.020	22.2%	5546512	< 0.005	< 0.005	0.0%
B	5546462	< 5	< 5	0.0%	5546482	< 5	< 5	0.0%	5546493	< 5	< 5	0.0%	5546512	< 5	< 5	0.0%
Ba	5546462	273	257	6.0%	5546482	243	242	0.4%	5546493	357	327	8.8%	5546512	109	108	0.9%
Be	5546462	1.03	1.02	1.0%	5546482	1.27	1.25	1.6%	5546493	1.18	1.18	0.0%	5546512	0.774	0.846	8.9%
Bi	5546462	0.32	0.31	3.2%	5546482	0.31	0.32	3.2%	5546493	0.25	0.25	0.0%	5546512	0.32	0.35	9.0%
Ca	5546462	0.492	0.454	8.0%	5546482	0.51	0.50	2.0%	5546493	0.479	0.440	8.5%	5546512	0.154	0.158	2.6%
Cd	5546462	0.28	0.28	0.0%	5546482	0.381	0.371	2.7%	5546493	0.37	0.37	0.0%	5546512	0.27	0.27	0.0%
Ce	5546462	34.1	32.4	5.1%	5546482	23.6	23.6	0.0%	5546493	35.2	34.0	3.5%	5546512	39.2	42.3	7.6%
Co	5546462	17.7	17.1	3.4%	5546482	18.3	17.7	3.3%	5546493	22.8	22.3	2.2%	5546512	39.1	40.4	3.3%
Cr	5546462	34.8	33.1	5.0%	5546482	30.2	30.6	1.3%	5546493	41.9	39.0	7.2%	5546512	32.4	32.0	1.2%
Cs	5546462	2.15	2.16	0.5%	5546482	5.02	4.83	3.9%	5546493	4.38	4.25	3.0%	5546512	3.18	3.52	10.1%
Cu	5546462	117	110	6.2%	5546482	87.0	86.1	1.0%	5546493	157	145	7.9%	5546512	99.2	101	1.8%
Fe	5546462	5.87	5.40	8.3%	5546482	4.77	4.73	0.8%	5546493	6.06	5.57	8.4%	5546512	4.56	4.66	2.2%
Ga	5546462	7.40	7.23	2.3%	5546482	6.10	6.04	1.0%	5546493	7.63	7.51	1.6%	5546512	5.14	5.34	3.8%
Ge	5546462	0.179	0.175	2.3%	5546482	0.14	0.14	0.0%	5546493	0.19	0.19	0.0%	5546512	0.183	0.186	1.6%
Hf	5546462	0.093	0.100	7.3%	5546482	0.21	0.19	10.0%	5546493	0.095	0.078	19.7%	5546512	0.03	0.02	
Hg	5546462	0.12	0.12	0.0%	5546482	0.06	0.07	15.4%	5546493	1.38	1.18	15.6%	5546512	0.04	0.04	0.0%
In	5546462	0.050	0.048	4.1%	5546482	0.0316	0.0299	5.5%	5546493	0.0396	0.0368	7.3%	5546512	0.040	0.042	4.9%
K	5546462	0.069	0.064	7.5%	5546482	0.06	0.06	0.0%	5546493	0.09	0.09	0.0%	5546512	0.07	0.07	0.0%
La	5546462	16.5	16.1	2.5%	5546482	11.4	11.4	0.0%	5546493	16.1	15.7	2.5%	5546512	14.4	15.6	8.0%
Li	5546462	28.3	27.7	2.1%	5546482	21.7	22.0	1.4%	5546493	25.1	25.0	0.4%	5546512	19.0	19.8	4.1%
Mg	5546462	1.53	1.40	8.9%	5546482	1.31	1.31	0.0%	5546493	1.77	1.63	8.2%	5546512	0.805	0.819	1.7%
Mn	5546462	466	441	5.5%	5546482	1050	1040	1.0%	5546493	1690	1560	8.0%	5546512	1360	1380	1.5%
Mo	5546462	1.39	1.28	8.2%	5546482	1.02	1.01	1.0%	5546493	1.14	1.13	0.9%	5546512	1.68	1.61	4.3%
Na	5546462	< 0.01	< 0.01	0.0%	5546482	< 0.01	< 0.01	0.0%	5546493	< 0.01	< 0.01	0.0%	5546512	< 0.01	< 0.01	0.0%
Nb	5546462	0.27	0.26	3.8%	5546482	0.465	0.445	4.4%	5546493	0.48	0.44	8.7%	5546512	0.51	0.55	7.5%
Ni	5546462	48.8	46.5	4.8%	5546482	35.4	34.8	1.7%	5546493	44.2	42.4	4.2%	5546512	44.1	43.6	1.1%
P	5546462	1550	1480	4.6%	5546482	1800	1820	1.1%	5546493	1690	1600	5.5%	5546512	1240	1200	3.3%



CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

Pb	5546462	18.1	17.6	2.8%	5546482	18.9	19.1	1.1%	5546493	20.1	19.8	1.5%	5546512	27.2	29.1	6.7%
Rb	5546462	9.01	8.72	3.3%	5546482	6.86	6.81	0.7%	5546493	6.1	6.1	0.0%	5546512	8.9	9.1	2.2%
Re	5546462	0.001	0.001	0.0%	5546482	< 0.001	< 0.001	0.0%	5546493	0.001	< 0.001		5546512	< 0.001	< 0.001	0.0%
S	5546462	0.0670	0.0643	4.1%	5546482	0.090	0.090	0.0%	5546493	0.0749	0.0710	5.3%	5546512	0.063	0.059	6.6%
Sb	5546462	0.610	0.602	1.3%	5546482	0.44	0.44	0.0%	5546493	5.54	5.46	1.5%	5546512	1.11	1.16	4.4%
Sc	5546462	8.21	8.12	1.1%	5546482	7.56	7.43	1.7%	5546493	10.6	10.9	2.8%	5546512	3.9	4.1	5.0%
Se	5546462	0.9	0.9	0.0%	5546482	0.7	0.7	0.0%	5546493	0.90	0.96	6.5%	5546512	0.7	0.7	0.0%
Sn	5546462	< 0.2	< 0.2	0.0%	5546482	< 0.2	< 0.2	0.0%	5546493	< 0.2	< 0.2	0.0%	5546512	< 0.2	< 0.2	0.0%
Sr	5546462	16.6	15.8	4.9%	5546482	11.3	11.1	1.8%	5546493	14.9	14.5	2.7%	5546512	11.0	11.5	4.4%
Ta	5546462	< 0.01	< 0.01	0.0%	5546482	< 0.01	< 0.01	0.0%	5546493	< 0.01	< 0.01	0.0%	5546512	< 0.01	< 0.01	0.0%
Te	5546462	0.19	0.22	14.6%	5546482	0.20	0.20	0.0%	5546493	0.254	0.224	12.6%	5546512	0.275	0.256	7.2%
Th	5546462	1.8	1.8	0.0%	5546482	1.89	1.84	2.7%	5546493	1.7	1.6	6.1%	5546512	0.98	1.05	6.9%
Ti	5546462	0.008	0.008	0.0%	5546482	0.012	0.012	0.0%	5546493	0.0210	0.0195	7.4%	5546512	0.020	0.020	0.0%
Tl	5546462	0.11	0.11	0.0%	5546482	0.07	0.07	0.0%	5546493	0.07	0.07	0.0%	5546512	0.122	0.125	2.4%
U	5546462	0.541	0.531	1.9%	5546482	0.612	0.621	1.5%	5546493	0.707	0.700	1.0%	5546512	0.505	0.535	5.8%
V	5546462	68.9	65.4	5.2%	5546482	50.3	50.0	0.6%	5546493	80.3	75.2	6.6%	5546512	62.6	62.8	0.3%
W	5546462	< 0.05	< 0.05	0.0%	5546482	0.093	0.073	24.1%	5546493	0.14	3.34		5546512	0.20	0.19	5.1%
Y	5546462	19.4	18.7	3.7%	5546482	12.8	12.8	0.0%	5546493	21.4	21.4	0.0%	5546512	7.89	8.09	2.5%
Zn	5546462	109	103	5.7%	5546482	82.0	85.7	4.4%	5546493	99.0	88.2	11.5%	5546512	79.7	81.6	2.4%
Zr	5546462	2.7	2.6	3.8%	5546482	4.0	4.0	0.0%	5546493	1.9	1.8	5.4%	5546512	0.7	0.5	
REPLICATE #5					REPLICATE #6											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	5546537	0.05	0.07		5546556	0.095	0.127	28.8%								
Al	5546537	2.08	2.08	0.0%	5546556	2.34	2.37	1.3%								
As	5546537	20.3	21.1	3.9%	5546556	13.5	13.6	0.7%								
Au	5546537	< 0.005	< 0.005	0.0%	5546556	< 0.005	< 0.005	0.0%								
B	5546537	< 5	< 5	0.0%	5546556	< 5	< 5	0.0%								
Ba	5546537	74	73	1.4%	5546556	123	124	0.8%								
Be	5546537	1.14	1.17	2.6%	5546556	0.72	0.72	0.0%								
Bi	5546537	0.456	0.444	2.7%	5546556	0.258	0.267	3.4%								
Ca	5546537	0.08	0.08	0.0%	5546556	0.60	0.62	3.3%								
Cd	5546537	0.27	0.28	3.6%	5546556	0.46	0.42	9.1%								
Ce	5546537	40.5	40.3	0.5%	5546556	34.3	32.8	4.5%								
Co	5546537	60.4	61.1	1.2%	5546556	47.9	47.4	1.0%								



CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

Cr	5546537	29.1	27.9	4.2%	5546556	43.6	43.4	0.5%								
Cs	5546537	4.30	4.25	1.2%	5546556	3.03	2.95	2.7%								
Cu	5546537	74.6	73.9	0.9%	5546556	104	105	1.0%								
Fe	5546537	5.37	5.38	0.2%	5546556	5.16	5.27	2.1%								
Ga	5546537	4.50	4.68	3.9%	5546556	7.49	7.36	1.8%								
Ge	5546537	0.18	0.18	0.0%	5546556	0.134	0.143	6.5%								
Hf	5546537	0.04	0.02		5546556	0.09	0.08	11.8%								
Hg	5546537	0.039	0.034	13.7%	5546556	0.04	0.04	0.0%								
In	5546537	0.0305	0.0292	4.4%	5546556	0.049	0.047	4.2%								
K	5546537	0.07	0.07	0.0%	5546556	0.09	0.09	0.0%								
La	5546537	15.9	16.1	1.3%	5546556	13.3	12.4	7.0%								
Li	5546537	27.3	27.4	0.4%	5546556	24.7	25.1	1.6%								
Mg	5546537	0.74	0.74	0.0%	5546556	1.21	1.21	0.0%								
Mn	5546537	2230	2220	0.4%	5546556	2280	2380	4.3%								
Mo	5546537	1.83	1.81	1.1%	5546556	1.61	1.62	0.6%								
Na	5546537	< 0.01	< 0.01	0.0%	5546556	< 0.01	< 0.01	0.0%								
Nb	5546537	0.388	0.353	9.4%	5546556	0.61	0.59	3.3%								
Ni	5546537	45.9	44.1	4.0%	5546556	40.6	39.2	3.5%								
P	5546537	1330	1340	0.7%	5546556	2120	2160	1.9%								
Pb	5546537	67.2	66.7	0.7%	5546556	20.5	21.8	6.1%								
Rb	5546537	6.91	7.00	1.3%	5546556	10.5	10.1	3.9%								
Re	5546537	< 0.001	< 0.001	0.0%	5546556	< 0.001	< 0.001	0.0%								
S	5546537	0.046	0.043	6.7%	5546556	0.135	0.138	2.2%								
Sb	5546537	1.20	1.22	1.7%	5546556	0.61	0.61	0.0%								
Sc	5546537	3.00	3.09	3.0%	5546556	8.51	8.58	0.8%								
Se	5546537	0.7	0.7	0.0%	5546556	0.6	0.6	0.0%								
Sn	5546537	< 0.2	< 0.2	0.0%	5546556	< 0.2	< 0.2	0.0%								
Sr	5546537	9.74	9.98	2.4%	5546556	22.8	22.9	0.4%								
Ta	5546537	< 0.01	< 0.01	0.0%	5546556	< 0.01	< 0.01	0.0%								
Te	5546537	0.190	0.162	15.9%	5546556	0.204	0.228	11.1%								
Th	5546537	2.01	2.05	2.0%	5546556	1.3	1.3	0.0%								
Ti	5546537	0.0144	0.0147	2.1%	5546556	0.020	0.020	0.0%								
Tl	5546537	0.19	0.18	5.4%	5546556	0.113	0.115	1.8%								
U	5546537	0.85	0.83	2.4%	5546556	0.47	0.49	4.2%								





CLIENT NAME: AURORA GEOSCIENCES

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V	5546537	41.0	39.7	3.2%	5546556	102	98.4	3.6%								
W	5546537	0.13	0.13	0.0%	5546556	0.10	0.10	0.0%								
Y	5546537	8.44	8.61	2.0%	5546556	9.95	9.88	0.7%								
Zn	5546537	129	128	0.8%	5546556	85.4	84.4	1.2%								
Zr	5546537	0.79	0.70	12.1%	5546556	1.92	1.96	2.1%								

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

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	5546362	0.007	0.007	0.0%	5546375	0.0073	0.0098	29.2%	5546387	0.006	0.006	0.0%	5546537	< 0.001	0.001	
	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	5546412	0.004	0.004	0.0%	5546425	0.0040	0.0032	22.2%	5546437	0.009	0.008	11.8%	5546450	0.012	0.012	0.0%
	REPLICATE #9				REPLICATE #10				REPLICATE #11							
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Au	5546463	0.005	0.003		5546475	0.009	0.009	0.0%	5546487	0.039	0.040	2.5%				



CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

	CRM #1 (CFRM-100)				CRM #2 (CFRM-100)				CRM #3 (CFRM-100)				CRM #4 (CFRM-100)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Co	180	162	90%	90% - 110%	180	161	89%	90% - 110%	180	164	91%	90% - 110%	180	166	92%	90% - 110%
Cu	3494	3389	97%	90% - 110%	3494	3432	98%	90% - 110%	3494	3457	99%	90% - 110%	3494	3495	100%	90% - 110%
Ni	2985	2941	99%	90% - 110%	2985	2945	99%	90% - 110%	2985	2915	98%	90% - 110%	2985	3005	101%	90% - 110%
	CRM #5 (CFRM-100)				CRM #6 (CFRM-100)				CRM #7 (CFRM-100)				CRM #8 (CFRM-100)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Co	180	164	91%	90% - 110%	180	181	101%	90% - 110%	184	191	104%	90% - 110%	184	176	96%	90% - 110%
Cu	3494	3427	98%	90% - 110%	3494	3439	98%	90% - 110%	3494	3693	106%	90% - 110%	3494	3459	99%	90% - 110%
Ni	2985	2941	99%	90% - 110%	2985	3031	102%	90% - 110%	2985	3234	108%	90% - 110%	2985	2979	100%	90% - 110%
	CRM #9 (CFRM-100)															
Parameter	Expect	Actual	Recovery	Limits												
Co	184	184	100%	90% - 110%												
Cu	3494	3510	100%	90% - 110%												
Ni	2985	3064	103%	90% - 110%												

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

	CRM #1 (GSP7J)				CRM #2 (1P5K)				CRM #3 (GS6D)				CRM #4 (GSP7J)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	0.722	0.747	104%	90% - 110%	1.44	1.47	102%	90% - 110%	6.09	6.14	101%	90% - 110%	0.722	0.737	102%	90% - 110%
	CRM #5 (1P5K)				CRM #6 (GS6D)				CRM #7 (GSP7J)				CRM #8 (1P5K)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	1.44	1.56	108%	90% - 110%	6.09	6.22	102%	90% - 110%	0.722	0.705	97%	90% - 110%	1.44	1.38	96%	90% - 110%

## Method Summary

CLIENT NAME: AURORA GEOSCIENCES

AGAT WORK ORDER: 14Y860576

PROJECT NO:

ATTENTION TO: DAVE WHITE, GABE FORTIN

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
<b>Solid Analysis</b>			
Ag	MIN-200-12017		ICP-MS
Al	MIN-200-12017		ICP/OES
As	MIN-200-12017		ICP-MS
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
Y	MIN-200-12017		ICP-MS

## Method Summary

CLIENT NAME: AURORA GEOSCIENCES

AGAT WORK ORDER: 14Y860576

PROJECT NO:

ATTENTION TO: DAVE WHITE, GABE FORTIN

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