

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

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

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

**AGAT WORK ORDER: 14Y861104**

**SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor**

**DATE REPORTED: Jul 25, 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

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

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 25, 2014

SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.01	0.1	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05
Sample ID (AGAT ID)														
E5578021 (5551475)	0.50	0.12	1.38	13.5	<5	57	0.52	0.29	0.11	0.27	27.4	13.9	20.8	1.31
E5578022 (5551476)	0.50	0.20	1.31	13.2	<5	82	0.55	0.33	0.08	0.19	21.1	11.7	19.8	1.62
E5578023 (5551477)	0.42	0.17	1.11	9.6	<5	58	0.84	0.40	0.20	0.22	22.1	13.1	14.3	1.30
E5578024 (5551478)	0.43	0.15	1.29	11.7	11	54	0.53	0.32	0.07	0.33	19.9	11.8	17.6	1.42
E5578025 (5551479)	0.38	0.15	1.29	11.3	<5	53	0.51	0.32	0.08	0.31	18.8	11.1	18.1	1.50
E5578026 (5551480)	0.44	0.13	1.63	13.4	<5	69	0.82	0.36	0.16	0.36	35.9	13.5	22.3	1.49
E5578027 (5551481)	0.43	0.37	1.20	15.8	<5	47	0.79	0.41	0.40	0.22	36.1	22.2	17.0	2.02
E5578028 (5551482)	0.40	0.29	1.14	10.3	<5	60	0.72	0.31	1.37	0.20	32.4	13.2	16.2	1.29
E5578029 (5551483)	0.53	0.24	0.99	15.2	<5	37	0.76	0.45	0.37	0.15	29.0	21.5	13.8	1.63
E5578030 (5551484)	0.53	0.25	1.01	21.7	<5	35	0.74	0.48	0.33	0.14	29.3	26.7	14.0	1.86
E5578031 (5551485)	0.46	0.38	1.55	15.4	<5	33	0.80	0.51	0.45	0.15	41.9	22.0	22.3	2.48
E5578032 (5551486)	0.33	0.38	1.38	16.6	<5	32	0.93	0.49	1.07	0.16	30.6	16.2	19.8	2.13
E5578033 (5551487)	0.34	0.26	1.76	34.3	<5	51	0.93	0.61	0.08	0.10	12.2	27.3	22.9	3.56
E5578034 (5551488)	0.57	0.28	1.88	39.5	<5	52	1.06	0.55	0.42	0.14	19.1	26.6	23.5	2.16
E5578035 (5551489)	0.44	0.14	2.02	113	<5	60	1.11	0.68	0.03	0.17	13.6	51.1	25.2	2.91
E5578036 (5551490)	0.30	0.10	1.16	14.9	<5	57	0.32	0.35	0.15	0.12	16.4	7.3	20.0	1.70
E5578037 (5551491)	0.25	0.12	1.52	25.6	<5	62	1.00	0.58	0.14	0.21	28.8	20.2	19.6	3.12
E5578038 (5551492)	0.30	0.13	1.53	18.7	<5	74	1.05	0.50	0.50	0.21	58.3	14.6	19.9	1.55
E5578039 (5551493)	0.41	0.24	1.14	24.9	<5	31	0.83	0.47	0.16	0.13	34.7	21.9	14.6	1.45
E5578040 (5551494)	0.37	0.37	1.70	28.3	<5	55	1.44	0.61	0.28	0.15	29.2	30.4	19.0	4.90
E5578041 (5551495)	0.45	0.12	2.84	24.1	<5	85	1.97	0.44	0.16	0.20	31.1	38.6	31.7	9.64
E5578042 (5551496)	0.53	0.26	2.34	61.0	<5	112	1.93	0.62	0.39	0.34	32.7	61.5	24.7	8.84
E5578043 (5551497)	0.35	0.31	1.47	28.9	<5	80	1.10	0.52	0.65	0.20	46.3	25.4	20.2	3.49
E5578044 (5551498)	0.45	0.15	1.58	23.1	<5	70	0.77	0.45	0.08	0.13	19.5	15.8	25.9	3.02
E5578045 (5551499)	0.56	0.16	1.23	33.2	<5	47	1.05	0.56	0.52	0.11	30.0	27.0	14.3	1.63
E5578046 (5551500)	0.54	0.23	1.37	38.9	<5	47	1.11	0.58	0.27	0.13	33.3	34.2	16.0	2.64
E5578047 (5551501)	0.39	0.20	1.85	7.8	<5	368	1.15	0.23	0.58	0.43	34.2	27.5	29.2	3.48
E5578048 (5551502)	0.32	0.48	2.86	13.9	<5	1260	1.81	0.21	1.07	0.77	91.0	183	35.2	9.36
E5578049 (5551503)	0.35	0.18	2.21	9.5	<5	280	1.33	0.26	0.83	0.65	62.2	71.2	26.5	5.40
E5578050 (5551504)	0.05	1.72	1.97	3.7	5	53	0.17	0.95	1.25	0.53	16.3	100	80.4	0.78
E5578051 (5551505)	0.42	0.21	1.29	40.7	<5	84	1.00	0.28	0.47	0.38	16.5	17.1	17.2	3.33

Certified By:



# AGAT Laboratories

## Certificate of Analysis

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

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SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.01	0.1	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05
Sample ID (AGAT ID)														
E5578052 (5551506)	0.42	0.21	1.53	21.8	6	163	1.20	0.28	1.06	0.38	17.5	24.7	19.2	2.93
E5578053 (5551507)	0.48	0.16	0.60	53.8	<5	109	0.82	0.36	2.21	0.58	27.1	21.0	11.4	1.39
E5578054 (5551508)	0.41	0.13	2.54	7.3	<5	320	1.34	0.26	0.99	0.66	45.8	57.3	29.7	5.02
E5578055 (5551509)	0.43	0.26	2.04	6.6	<5	575	1.22	0.23	1.08	0.46	49.3	50.7	28.6	6.05
E5578056 (5551510)	0.40	0.13	1.74	8.3	<5	368	1.44	0.19	0.26	0.26	58.5	44.4	27.4	7.39
E5578057 (5551511)	0.32	0.17	2.38	10.4	<5	315	1.36	0.22	1.16	1.06	45.9	83.2	29.2	14.4
E5578058 (5551512)	0.49	0.16	1.35	12.3	<5	182	1.17	0.31	0.31	0.19	32.9	21.5	22.3	3.30
E5578059 (5551513)	0.30	0.09	1.53	16.4	<5	262	0.79	0.28	0.94	0.73	23.1	41.2	20.8	1.92
E5543760 (5551514)	0.39	0.08	2.44	7.4	<5	196	0.99	0.21	0.30	0.24	53.4	34.9	33.0	3.24
E5543761 (5551515)	0.34	0.19	2.60	9.3	<5	405	1.30	0.23	0.51	0.56	48.3	52.5	42.0	6.57
E5543762 (5551516)	0.47	0.12	2.87	8.3	<5	302	1.40	0.29	0.61	1.08	58.0	68.0	40.4	9.74
E5543763 (5551517)	0.39	0.16	2.28	5.6	<5	571	1.08	0.27	0.99	0.81	33.0	49.5	30.9	1.61
E5543764 (5551518)	0.25	0.09	2.37	6.5	<5	453	0.88	0.22	0.90	1.15	36.8	40.2	35.9	2.53
E5543765 (5551519)	0.37	0.20	2.29	5.7	<5	706	1.27	0.24	1.42	1.03	38.9	34.6	35.4	3.32
E5578186 (5551520)	0.38	0.15	1.50	12.4	<5	74	0.67	0.32	0.33	0.14	34.2	15.6	25.8	2.92
E5578187 (5551521)	0.45	0.13	1.78	9.6	<5	75	0.89	0.32	0.36	0.31	32.8	15.5	25.6	1.36
E5578188 (5551522)	0.51	0.19	1.85	14.3	<5	157	0.71	0.32	0.30	0.30	41.8	12.0	30.7	1.39
E5578189 (5551523)	0.39	0.10	1.31	11.1	<5	92	0.54	0.32	0.37	0.18	24.4	8.5	21.3	1.58
E5578190 (5551524)	0.45	0.10	1.55	12.8	<5	72	0.54	0.36	0.08	0.24	28.8	10.9	24.1	1.64
E5578191 (5551525)	0.42	0.15	1.92	13.8	<5	82	0.90	0.36	0.26	0.25	47.6	16.9	24.7	1.47
E5578192 (5551526)	0.38	0.07	1.82	13.9	<5	76	0.50	0.33	0.06	0.21	26.5	8.3	26.0	1.76
E5578193 (5551527)	0.42	0.11	1.48	11.1	<5	63	0.52	0.33	0.06	0.22	22.9	9.1	22.9	1.46
E5578194 (5551528)	0.40	0.11	1.58	14.5	<5	91	0.75	0.33	0.89	0.39	33.3	13.6	24.9	1.55
E5578195 (5551529)	0.50	0.16	1.33	10.9	<5	84	0.60	0.30	0.10	0.24	26.7	13.8	19.4	1.21
E5578196 (5551530)	0.34	0.07	0.92	9.3	<5	50	0.33	0.37	0.14	0.09	12.9	5.9	13.6	1.88
E5578197 (5551531)	0.40	0.05	1.21	11.0	<5	83	0.76	0.42	0.12	0.12	18.1	12.6	15.4	1.99
E5578198 (5551532)	0.48	0.09	1.92	21.3	<5	110	0.80	0.39	0.13	0.23	22.3	26.3	22.5	2.43
E5578199 (5551533)	0.46	0.30	1.22	14.0	<5	57	0.93	0.48	0.47	0.15	23.9	19.8	16.8	2.15
E5578200 (5551534)	0.08	1.27	1.00	3.4	26	13	0.05	0.52	0.40	0.61	2.17	305	1340	0.16
E5578201 (5551535)	0.35	0.35	1.35	14.4	<5	63	0.89	0.52	0.61	0.22	28.4	18.0	19.9	2.82
E5578202 (5551536)	0.36	0.24	0.94	17.9	<5	29	0.85	0.52	0.23	0.12	23.6	22.0	13.5	1.85

Certified By:



## Certificate of Analysis

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

DATE SAMPLED: Jul 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 25, 2014

SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.01	0.1	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05
Sample ID (AGAT ID)														
E5578203 (5551537)	0.52	0.28	1.86	58.2	<5	53	1.07	0.84	0.27	0.26	18.3	47.5	24.8	5.79
E5578204 (5551538)	0.25	0.46	1.53	32.4	<5	57	1.29	0.66	0.30	0.16	17.8	38.5	18.2	4.20
E5578205 (5551539)	0.51	0.22	1.39	31.9	<5	30	1.06	0.57	0.12	0.13	28.3	33.5	18.4	2.58
E5578206 (5551540)	0.46	0.11	1.26	26.5	<5	38	1.05	0.51	0.11	0.14	27.2	22.4	16.3	2.76
E5578207 (5551541)	0.36	0.22	1.53	19.6	<5	78	0.65	0.38	0.07	0.18	22.8	19.8	26.1	3.49
E5578208 (5551542)	0.44	0.10	2.48	36.5	<5	80	1.43	0.59	0.07	0.19	24.2	42.3	29.2	4.02
E5578209 (5551543)	0.41	0.38	2.21	43.4	<5	71	1.51	0.52	0.09	0.22	33.6	77.1	27.5	4.20
E5578310 (5551544)	0.37	0.16	1.68	8.8	<5	1120	1.23	0.33	0.83	0.52	25.1	21.2	22.9	1.86
E5578311 (5551545)	0.51	0.24	2.02	9.0	<5	195	2.15	0.38	0.94	0.56	45.9	79.4	24.5	4.51
E5578312 (5551546)	0.36	0.17	1.33	16.2	<5	278	1.05	0.26	1.28	0.37	16.2	16.2	18.7	2.02
E5578313 (5551547)	0.45	0.13	2.14	7.8	<5	482	1.38	0.26	0.94	0.86	37.2	78.4	28.0	5.57
E5578314 (5551548)	0.39	0.12	2.23	5.0	<5	353	1.29	0.23	1.15	0.56	32.1	26.4	30.7	1.98
E5578315 (5551549)	0.48	0.28	2.11	11.8	<5	334	1.31	0.21	0.80	0.46	34.4	27.3	33.0	2.44
E5578316 (5551550)	0.53	0.32	3.02	5.6	<5	510	1.57	0.22	1.17	1.00	57.8	86.3	35.2	3.13
E5578317 (5551551)	0.55	0.15	0.83	6.9	<5	116	1.18	0.44	0.28	0.20	59.3	27.8	19.6	1.53
E5578318 (5551552)	0.40	0.16	1.75	10.6	<5	467	1.25	0.31	0.43	0.28	33.7	32.5	25.7	7.38
E5578319 (5551553)	0.43	0.15	0.55	40.2	<5	116	0.82	0.32	2.74	0.34	18.9	16.6	14.9	2.00
E5578320 (5551554)	0.34	0.14	2.38	6.6	<5	357	0.96	0.20	0.99	0.56	33.5	35.7	33.8	4.25
E5578321 (5551555)	0.40	0.08	2.75	4.5	<5	344	1.18	0.30	0.94	1.10	33.9	47.4	37.5	6.11
E5578322 (5551556)	0.36	0.20	2.90	14.0	<5	492	1.45	0.27	0.26	0.39	68.4	40.5	41.2	7.50
E5578323 (5551557)	0.59	0.14	3.19	17.0	<5	524	1.40	0.25	0.57	0.46	40.9	35.9	44.3	5.88
E5578324 (5551558)	0.33	0.19	1.36	17.2	<5	72	0.55	0.34	0.04	0.21	12.0	16.9	24.1	1.96
E5578325 (5551559)	0.33	0.18	1.51	18.2	<5	79	0.59	0.33	0.04	0.22	10.9	18.0	26.1	1.80
E5578326 (5551560)	0.42	0.15	2.28	10.7	<5	379	1.26	0.23	0.93	0.57	37.1	50.7	33.9	6.77
E5578327 (5551561)	0.45	0.14	3.07	10.0	<5	622	1.63	0.28	0.40	0.64	49.2	43.1	38.7	7.10
E5578328 (5551562)	0.32	0.15	2.36	43.3	<5	292	1.76	0.28	0.69	0.95	40.8	32.5	38.2	3.31
E5578329 (5551563)	0.44	0.14	1.69	11.7	<5	66	0.57	0.31	0.02	0.17	11.0	15.0	20.5	1.17
E5578330 (5551564)	0.39	0.24	1.35	15.3	<5	79	0.53	0.30	0.05	0.27	8.13	12.1	22.3	1.52
E5578331 (5551565)	0.36	0.11	1.37	15.5	<5	44	0.45	0.32	0.03	0.12	10.0	16.4	20.5	1.26
E5578332 (5551566)	0.51	0.21	1.84	19.2	<5	95	1.23	0.34	0.08	0.14	27.3	39.7	21.1	3.66
E5578333 (5551567)	0.36	0.18	1.50	15.3	<5	103	0.74	0.33	0.16	0.35	12.0	32.4	18.5	1.44

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Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.01	0.1	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05
Sample ID (AGAT ID)														
E5578334 (5551568)	0.41	0.08	1.50	20.9	<5	41	0.50	0.32	0.11	0.19	24.3	23.2	19.6	1.61
E5578335 (5551569)	0.51	0.14	1.83	15.9	<5	64	1.18	0.32	0.76	0.10	41.7	50.3	18.8	5.26
E5578336 (5551570)	0.34	0.15	1.86	9.5	<5	108	1.09	0.39	0.24	0.41	12.7	19.0	21.9	1.80
E5578337 (5551571)	0.38	0.10	1.86	12.1	<5	128	1.00	0.40	0.14	0.21	26.4	31.8	21.0	1.95
E5578338 (5551572)	0.33	0.12	1.32	17.2	<5	76	0.78	0.43	0.53	0.21	54.2	20.4	17.7	0.43
E5578339 (5551573)	0.41	0.16	0.47	15.6	<5	59	0.26	0.13	14.8	0.20	35.8	7.9	7.3	0.40
E5578340 (5551574)	0.37	0.16	1.40	7.1	<5	51	0.48	0.14	11.1	0.24	36.2	8.0	17.5	0.59
E5578341 (5551575)	0.35	0.12	1.36	11.5	<5	83	0.63	0.21	1.01	0.48	53.2	12.2	25.9	0.50
E5578342 (5551576)	0.44	0.16	1.24	12.3	<5	39	0.41	0.17	4.88	0.41	39.0	12.6	15.5	2.31
E5578343 (5551577)	0.37	0.31	1.61	22.4	<5	104	0.63	0.24	0.54	0.46	43.6	15.8	30.4	0.97
E5269710 (5551578)	0.52	0.14	1.69	10.8	<5	160	0.60	0.26	0.37	0.14	29.8	8.0	24.6	1.00
E5269711 (5551579)	0.44	0.07	1.66	11.7	<5	181	0.57	0.28	0.19	0.12	31.4	9.0	26.2	1.21
E5269712 (5551580)	0.51	0.05	1.86	9.2	<5	129	0.51	0.24	0.05	0.09	32.6	7.0	26.5	1.11
E5269713 (5551581)	0.41	0.05	1.54	7.9	<5	108	0.31	0.26	0.06	0.06	25.3	5.7	23.9	1.35
E5269714 (5551582)	0.43	0.15	1.05	6.1	<5	92	0.25	0.22	0.08	0.09	17.8	5.4	19.1	1.03
E5269715 (5551583)	0.52	0.09	1.61	9.6	<5	171	0.46	0.29	0.40	0.12	23.5	7.4	25.5	1.23
E5269716 (5551584)	0.54	0.08	1.73	9.9	<5	131	0.44	0.27	0.18	0.07	24.1	5.4	25.2	1.01
E5269717 (5551585)	0.59	0.05	2.13	10.6	<5	118	0.65	0.24	0.09	0.08	41.1	11.6	28.0	0.91
E5269718 (5551586)	0.53	0.05	2.08	11.8	<5	111	0.75	0.25	0.13	0.09	50.0	11.1	25.3	0.89
E5269719 (5551587)	0.58	0.16	1.78	13.5	<5	85	0.74	0.31	0.67	0.20	35.2	16.0	25.8	0.91
E5269720 (5551588)	0.58	0.25	1.55	12.5	<5	100	0.60	0.39	0.47	0.16	33.0	14.6	22.8	1.23
E5269721 (5551589)	0.52	0.13	1.89	11.9	<5	131	0.73	0.26	0.38	0.20	45.3	12.0	27.0	0.79
E5269722 (5551590)	0.38	0.09	1.42	11.1	<5	84	0.38	0.26	0.06	0.14	26.2	7.7	23.5	1.21
E5269723 (5551591)	0.47	0.18	1.54	11.8	<5	94	0.63	0.28	0.85	0.17	28.9	10.3	27.1	1.93
E5269724 (5551592)	0.51	0.07	1.62	8.8	<5	162	0.42	0.26	0.17	0.10	28.6	6.4	26.1	1.24
E5633541 (5551593)	0.39	0.06	1.76	10.6	<5	209	0.67	0.29	0.11	0.41	26.1	16.5	28.0	1.82
E5633542 (5551594)	0.39	0.17	1.83	8.0	<5	393	1.26	0.31	0.57	0.58	22.7	27.7	24.7	4.83
E5633543 (5551595)	0.36	0.39	1.65	8.8	<5	180	0.58	0.27	0.17	0.79	23.4	17.0	27.9	2.30
E5633544 (5551596)	0.39	0.37	1.93	8.6	<5	275	0.57	0.30	0.27	1.20	17.8	25.9	31.3	2.84
E5633545 (5551597)	0.39	0.10	1.81	10.1	<5	216	0.70	0.33	0.07	0.93	20.1	16.1	27.6	2.07
E5633546 (5551598)	0.39	0.09	2.08	11.5	<5	169	0.55	0.28	0.07	0.43	24.9	14.0	28.3	1.16

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 14Y861104

PROJECT NO: KTL-14514-YT

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

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 25, 2014

SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.01	0.1	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05
Sample ID (AGAT ID)														
E5633547 (5551599)	0.33	0.17	1.98	17.5	<5	235	0.85	0.30	0.56	0.54	24.3	20.4	26.4	1.34
E5633548 (5551600)	0.42	0.18	2.13	9.8	<5	170	0.60	0.27	0.09	0.14	33.9	18.2	29.8	2.88
E5633549 (5551601)	0.39	0.06	1.81	7.7	<5	295	0.58	0.29	0.42	0.74	23.7	19.6	24.1	1.24
E5633550 (5551602)	0.05	2.01	1.90	3.6	5	51	0.15	1.07	1.21	0.55	14.9	98.2	84.5	0.70
E5633551 (5551603)	0.31	0.20	2.12	10.5	<5	356	0.67	0.25	0.18	0.24	28.6	17.8	31.5	3.21
E5633552 (5551604)	0.48	0.07	1.53	47.1	<5	246	1.13	0.34	0.45	0.39	27.2	24.7	20.8	1.59
E5633553 (5551605)	0.50	0.15	1.14	74.7	7	294	1.13	0.39	2.62	0.31	18.8	34.1	15.8	4.26
E5633554 (5551606)	0.44	0.13	1.63	22.2	<5	161	0.84	0.26	0.23	0.33	34.5	23.1	26.7	2.39
E5633555 (5551607)	0.51	0.11	1.84	19.3	<5	174	0.80	0.28	0.41	0.27	32.2	26.9	31.0	2.98
E5633556 (5551608)	0.54	0.10	2.81	9.7	<5	653	1.16	0.29	0.51	0.87	41.0	40.2	36.9	6.38
E5633557 (5551609)	0.47	0.11	2.60	9.0	<5	514	1.48	0.33	0.47	0.76	48.2	36.4	32.9	2.65
E5633558 (5551610)	0.52	0.18	2.21	12.7	<5	545	1.19	0.23	0.72	0.40	45.7	32.8	32.3	4.58
E5633559 (5551611)	0.46	0.24	2.75	25.3	<5	716	1.52	0.21	1.18	0.54	44.3	55.6	38.5	3.91
E5269926 (5551612)	0.45	0.11	2.62	24.9	<5	515	0.77	0.26	0.20	0.77	40.7	30.3	37.6	2.66
E5269927 (5551613)	0.53	0.07	2.46	15.5	<5	249	0.72	0.25	0.58	0.50	37.9	24.9	37.0	1.62
E5269928 (5551614)	0.44	0.09	2.22	12.6	<5	217	0.54	0.25	0.09	0.49	31.2	16.1	33.6	1.97
E5269929 (5551615)	0.43	0.10	2.43	30.3	<5	207	0.63	0.28	0.12	0.78	30.5	27.3	35.1	3.74
E5269930 (5551616)	0.39	0.06	2.59	20.0	<5	238	0.69	0.28	0.20	2.13	36.2	31.6	36.6	2.28
E5269931 (5551617)	0.49	0.04	2.69	15.3	<5	121	0.82	0.23	0.19	0.65	50.2	26.5	37.1	1.14
E5269932 (5551618)	0.33	0.07	2.77	10.1	<5	184	0.96	0.26	0.18	0.53	32.0	26.6	38.0	3.60
E5269933 (5551619)	0.29	0.12	2.34	10.7	<5	442	1.04	0.25	1.21	0.37	41.7	57.0	30.2	3.70
E5269934 (5551620)	0.37	0.24	2.64	5.4	<5	885	1.44	0.29	0.76	0.78	49.9	75.2	34.6	4.13
E5269935 (5551621)	0.17	0.10	1.85	3.8	<5	398	0.93	0.27	1.22	1.08	44.1	58.9	29.4	2.70
E5269936 (5551622)	0.33	0.09	1.81	13.6	<5	222	0.82	0.24	0.59	0.30	30.7	19.1	29.4	2.68
E5269937 (5551623)	0.26	0.21	1.61	4.7	<5	372	0.72	0.14	2.61	0.47	21.2	20.0	25.2	5.59
E5269938 (5551624)	0.46	0.32	2.35	9.6	<5	599	1.47	0.22	2.01	0.89	48.7	42.3	30.3	8.60
E5269939 (5551625)	0.31	0.05	3.39	12.5	<5	358	1.92	0.33	0.55	0.51	58.0	92.7	44.5	4.83
E5269940 (5551626)	0.57	0.09	1.52	16.0	<5	54	0.52	0.31	0.13	0.18	31.2	21.0	24.2	1.69
E5269941 (5551627)	0.38	0.27	2.07	14.6	<5	71	0.68	0.31	0.05	0.16	26.9	17.4	26.5	2.96
E5269942 (5551628)	0.58	0.18	2.23	18.8	<5	67	0.71	0.38	0.05	0.19	25.9	21.0	28.2	2.99
E5269943 (5551629)	0.55	0.13	1.63	16.4	<5	53	0.61	0.30	0.06	0.20	16.3	14.6	23.0	2.25

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 14Y861104

PROJECT NO: KTL-14514-YT

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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FAX (905)501-0589  
<http://www.agatlabs.com>

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 25, 2014

SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.01	0.1	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05
Sample ID (AGAT ID)														
E5269944 (5551630)	0.41	0.11	1.41	13.7	<5	37	0.57	0.27	0.04	0.10	13.0	8.2	17.6	1.57
E5269945 (5551631)	0.57	0.19	0.98	42.4	<5	41	1.00	0.40	0.04	0.12	49.1	17.5	6.2	2.54
E5269946 (5551632)	0.70	0.22	1.47	24.0	<5	61	0.78	0.33	0.12	0.15	28.6	28.2	20.0	2.71
E5269947 (5551633)	0.49	0.14	1.67	22.2	<5	56	1.09	0.42	0.09	0.12	25.7	36.4	19.5	3.73
E5269948 (5551634)	0.75	0.19	1.73	29.0	<5	57	0.78	0.40	0.04	0.15	20.3	38.7	23.4	2.46
E5269949 (5551635)	0.77	0.23	1.94	21.8	<5	62	0.75	0.47	0.06	0.13	28.3	36.8	24.8	3.26
E5269950 (5551636)	0.05	1.74	1.99	3.8	6	51	0.18	0.78	1.27	0.54	14.9	98.1	88.0	0.71
E5269951 (5551637)	0.52	0.31	1.73	20.8	<5	78	0.84	0.39	0.08	0.17	29.9	33.0	21.3	2.19
E5269952 (5551638)	0.58	0.18	1.71	35.2	<5	93	0.93	0.39	0.06	0.19	31.1	47.6	22.9	2.55
E5269953 (5551639)	0.65	0.20	1.97	30.8	<5	86	1.04	0.42	0.08	0.27	30.8	48.3	25.7	2.59
E5269954 (5551640)	0.52	0.26	2.08	26.8	<5	83	1.08	0.40	0.20	0.18	32.6	39.2	24.6	2.68
E5269955 (5551641)	0.53	0.11	1.83	24.1	<5	77	1.01	0.35	0.39	0.13	36.7	26.0	22.7	2.35
E5269956 (5551642)	0.38	0.11	1.98	16.8	<5	92	1.48	0.38	0.15	0.32	33.7	25.2	24.5	2.15
E5269957 (5551643)	0.51	0.07	1.80	15.0	<5	77	1.14	0.34	0.17	0.09	26.4	21.6	23.9	2.82
E5269958 (5551644)	0.52	0.11	1.70	15.5	<5	81	0.94	0.34	0.55	0.16	58.6	21.1	20.1	1.86
E5269959 (5551645)	0.59	0.22	1.28	14.6	<5	88	0.76	0.26	0.55	0.20	55.0	16.6	16.4	1.65
E5543766 (5551646)	0.33	0.24	2.50	9.5	<5	661	1.25	0.23	0.67	0.48	44.7	36.5	40.4	2.03
E5543767 (5551647)	0.38	0.15	2.85	7.1	<5	127	0.93	0.22	0.04	0.22	42.5	30.1	42.5	2.06
E5543768 (5551648)	0.34	0.14	3.01	5.8	<5	128	0.91	0.26	0.05	0.45	35.8	30.8	45.7	2.12
E5543769 (5551649)	0.36	0.07	2.23	10.7	<5	263	0.87	0.26	0.23	0.32	37.1	40.0	32.1	7.36
E5543770 (5551650)	0.34	0.19	2.75	2.3	<5	285	1.18	0.22	0.71	0.45	42.4	39.5	44.4	2.55
E5543771 (5551651)	0.30	0.20	1.50	2.5	6	472	1.25	0.13	3.37	0.70	27.4	21.9	20.2	1.34
E5543772 (5551652)	0.38	0.24	1.94	4.2	<5	292	0.99	0.20	0.60	0.28	33.0	26.4	32.6	2.49
E5543773 (5551653)	0.32	0.11	2.29	7.5	<5	330	1.33	0.21	0.56	0.40	39.3	41.1	34.1	3.95
E5543774 (5551654)	0.25	0.15	1.34	16.8	<5	144	1.12	0.28	1.08	0.34	17.5	17.5	18.4	5.74
E5543775 (5551655)	0.05	0.11	1.36	4.1	6	112	0.19	0.06	1.08	0.16	9.32	8.2	36.3	0.34
E5543776 (5551656)	0.38	0.14	1.36	7.7	<5	183	1.32	0.30	0.51	0.37	31.3	22.9	20.0	9.56
E5543777 (5551657)	0.32	0.10	2.03	9.4	<5	215	1.14	0.31	0.16	0.33	33.7	21.3	27.9	10.3
E5543778 (5551658)	0.44	0.12	2.42	21.1	<5	470	1.54	0.25	0.43	0.50	45.4	31.6	38.8	3.26
E5543779 (5551659)	0.43	0.38	0.97	7.9	<5	50	0.75	0.30	0.49	0.18	37.8	27.6	12.6	3.84
E5543780 (5551660)	0.46	0.42	0.85	13.2	<5	52	0.87	0.37	0.93	0.26	43.3	25.2	10.6	2.12

Certified By:



# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y861104

PROJECT NO: KTL-14514-YT

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

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 25, 2014

SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.01	0.1	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05
Sample ID (AGAT ID)														
E5543781 (5551661)	0.32	0.40	1.27	11.1	<5	52	0.89	0.31	1.12	0.30	43.4	11.8	17.7	0.98
E5543782 (5551662)	0.44	0.51	1.36	11.8	<5	73	0.93	0.33	0.75	0.28	45.4	20.2	19.6	1.78
E5543783 (5551663)	0.46	0.42	1.32	13.0	<5	81	0.95	0.35	1.14	0.35	50.0	18.3	18.0	1.15
E5543784 (5551664)	0.41	0.56	1.52	14.6	<5	93	1.08	0.36	0.77	0.33	47.1	18.1	20.3	1.13
E5543785 (5551665)	0.48	0.40	1.48	10.3	<5	89	0.70	0.28	0.59	0.14	34.3	16.4	22.4	2.42
E5543786 (5551666)	0.42	0.26	1.57	8.9	<5	79	0.86	0.30	0.61	0.20	31.9	16.1	21.6	2.50
E5543787 (5551667)	0.42	0.35	1.64	9.5	<5	112	1.02	0.31	0.74	0.33	40.6	34.2	22.6	2.62
E5543788 (5551668)	0.57	0.46	1.73	9.9	<5	52	0.99	0.35	0.69	0.18	45.3	19.3	20.7	2.33
E5543789 (5551669)	0.42	0.49	1.66	9.4	<5	50	1.01	0.35	0.92	0.20	31.5	14.1	20.3	1.43
E5543790 (5551670)	0.54	0.52	1.57	10.2	<5	55	0.94	0.34	0.92	0.19	31.9	16.7	18.8	1.70
E5543791 (5551671)	0.34	0.31	1.32	17.8	<5	43	0.90	0.38	0.40	0.14	26.3	15.0	13.8	2.59
E5543792 (5551672)	0.46	0.24	1.46	20.6	<5	58	1.15	0.37	0.24	0.14	21.3	19.0	15.1	3.22
E5543793 (5551673)	0.45	0.22	2.07	39.7	<5	119	1.16	0.44	0.09	0.29	42.0	77.6	25.9	4.22
E5543794 (5551674)	0.44	0.16	1.54	38.9	<5	116	0.93	0.42	0.10	0.11	19.7	32.7	21.3	2.73
E5543795 (5551675)	0.53	0.15	1.66	20.8	<5	81	0.85	0.32	0.10	0.18	19.7	28.5	23.3	1.88
E5543796 (5551676)	0.53	0.12	1.50	27.1	<5	69	1.07	0.33	0.31	0.10	26.6	29.3	21.6	2.72
E5543797 (5551677)	0.44	0.07	1.55	20.5	<5	51	0.84	0.32	0.28	0.09	25.2	14.8	20.0	2.02
E5543798 (5551678)	0.35	0.16	1.48	21.6	<5	67	0.92	0.39	0.78	0.12	51.6	26.0	17.6	1.39

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 14Y861104

PROJECT NO: KTL-14514-YT

5623 McADAM ROAD  
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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 25, 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)														
E5578021 (5551475)	26.8	3.88	3.13	<0.05	0.09	0.04	0.033	0.06	8.7	20.2	0.32	497	1.15	<0.01
E5578022 (5551476)	27.5	4.28	3.64	<0.05	0.04	0.04	0.034	0.05	8.3	18.1	0.22	495	1.20	<0.01
E5578023 (5551477)	23.9	4.38	2.28	<0.05	0.15	0.03	0.049	0.06	6.9	23.2	0.21	356	0.67	<0.01
E5578024 (5551478)	23.1	3.69	3.59	<0.05	0.04	0.04	0.029	0.04	7.2	16.9	0.20	558	1.12	<0.01
E5578025 (5551479)	23.4	3.75	3.70	<0.05	0.04	0.04	0.028	0.04	6.9	16.1	0.18	581	1.16	<0.01
E5578026 (5551480)	27.3	4.27	3.68	<0.05	0.04	0.04	0.047	0.06	8.6	28.9	0.33	509	1.05	<0.01
E5578027 (5551481)	36.6	4.84	3.30	<0.05	0.15	0.06	0.036	0.05	13.2	36.8	0.38	635	0.88	<0.01
E5578028 (5551482)	27.7	3.95	2.88	<0.05	0.26	0.05	0.041	0.06	12.1	23.9	0.28	584	0.83	<0.01
E5578029 (5551483)	39.5	4.82	2.42	<0.05	0.19	0.05	0.037	0.07	9.4	31.1	0.33	565	0.80	<0.01
E5578030 (5551484)	43.0	4.97	2.46	<0.05	0.36	0.04	0.035	0.06	9.5	32.3	0.32	656	0.97	<0.01
E5578031 (5551485)	38.9	4.52	4.36	<0.05	0.28	0.03	0.038	0.06	16.0	48.4	0.55	550	0.76	<0.01
E5578032 (5551486)	46.0	4.48	3.60	<0.05	0.34	0.06	0.043	0.06	12.5	34.2	0.48	382	0.92	<0.01
E5578033 (5551487)	49.9	4.49	4.91	<0.05	0.05	0.07	0.036	0.05	4.3	35.5	0.55	1390	1.11	<0.01
E5578034 (5551488)	51.5	5.01	4.60	<0.05	0.17	0.02	0.038	0.05	7.2	51.5	0.68	1090	0.88	<0.01
E5578035 (5551489)	53.1	5.37	4.73	<0.05	0.04	0.03	0.035	0.04	4.0	50.0	0.68	1880	1.61	<0.01
E5578036 (5551490)	28.5	2.55	4.37	<0.05	0.04	0.06	0.028	0.06	7.3	13.2	0.39	181	1.81	0.02
E5578037 (5551491)	42.6	5.25	4.37	<0.05	0.08	0.05	0.053	0.07	8.4	29.6	0.43	714	1.37	<0.01
E5578038 (5551492)	28.8	5.76	3.60	<0.05	0.15	0.06	0.081	0.04	14.5	29.4	0.36	980	0.99	<0.01
E5578039 (5551493)	43.7	4.83	2.80	<0.05	0.09	0.06	0.038	0.04	11.0	31.0	0.46	990	0.66	<0.01
E5578040 (5551494)	55.6	6.45	3.75	<0.05	0.22	0.10	0.064	0.08	10.6	36.9	0.52	1340	0.89	<0.01
E5578041 (5551495)	56.6	4.82	7.29	<0.05	0.06	0.03	0.041	0.07	9.1	65.5	1.03	1660	0.97	<0.01
E5578042 (5551496)	93.2	5.11	6.25	<0.05	0.06	0.08	0.045	0.06	9.2	59.2	1.04	4540	2.17	<0.01
E5578043 (5551497)	49.7	5.31	3.93	<0.05	0.23	0.09	0.053	0.07	20.0	28.9	0.53	1160	1.14	<0.01
E5578044 (5551498)	39.9	5.33	5.07	<0.05	0.02	0.04	0.040	0.05	8.1	20.3	0.32	740	1.50	<0.01
E5578045 (5551499)	45.9	5.23	2.95	<0.05	0.22	0.03	0.037	0.06	8.4	28.6	0.44	1240	0.85	<0.01
E5578046 (5551500)	53.9	5.32	3.43	<0.05	0.08	0.05	0.037	0.06	10.8	35.6	0.55	1510	0.95	<0.01
E5578047 (5551501)	98.1	4.68	5.66	<0.05	0.06	0.15	0.055	0.11	12.7	13.8	0.69	1860	0.85	<0.01
E5578048 (5551502)	386	6.72	9.65	<0.05	0.13	0.28	0.091	0.05	35.3	25.4	1.69	8440	1.27	<0.01
E5578049 (5551503)	101	4.47	6.01	<0.05	0.10	0.06	0.052	0.07	16.9	15.9	0.77	3110	1.10	<0.01
E5578050 (5551504)	4130	10.9	5.04	0.10	0.11	0.01	0.063	0.17	7.1	6.6	2.73	816	5.84	0.28
E5578051 (5551505)	41.3	4.78	3.47	<0.05	0.48	0.08	0.044	0.07	7.9	12.5	0.64	833	2.63	<0.01
E5578052 (5551506)	57.6	6.18	4.21	<0.05	0.33	0.08	0.055	0.10	8.1	13.4	0.99	1920	1.26	<0.01

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 14Y861104

PROJECT NO: KTL-14514-YT

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

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 25, 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
E5578053 (5551507)	73.2	4.86	1.66	<0.05	0.13	0.44	0.048	0.10	9.9	3.6	1.15	1270	1.41	<0.01
E5578054 (5551508)	117	5.43	8.01	<0.05	0.18	0.09	0.073	0.08	17.6	18.9	0.96	3630	1.00	<0.01
E5578055 (5551509)	140	5.10	6.25	<0.05	0.13	0.09	0.047	0.10	19.0	17.8	1.05	1920	0.83	<0.01
E5578056 (5551510)	117	4.77	4.88	<0.05	0.06	0.04	0.048	0.05	15.2	14.8	0.65	1550	0.95	<0.01
E5578057 (5551511)	133	5.32	7.16	<0.05	0.14	0.08	0.059	0.08	15.0	14.2	0.75	5340	1.21	<0.01
E5578058 (5551512)	66.6	4.68	3.66	<0.05	0.09	0.16	0.042	0.10	12.5	10.2	0.50	739	1.31	<0.01
E5578059 (5551513)	55.6	5.09	5.09	<0.05	0.20	0.04	0.055	0.11	8.1	8.8	0.48	3960	3.71	<0.01
E5543760 (5551514)	124	5.07	7.44	<0.05	0.07	0.03	0.054	0.07	15.9	22.7	1.33	1080	0.91	<0.01
E5543761 (5551515)	151	6.86	8.98	<0.05	0.08	0.06	0.069	0.07	17.2	21.4	1.01	3070	1.05	<0.01
E5543762 (5551516)	120	5.86	8.56	<0.05	0.06	0.05	0.075	0.10	13.7	21.5	1.28	3840	1.37	<0.01
E5543763 (5551517)	113	5.26	7.95	<0.05	0.09	0.04	0.062	0.11	10.5	19.0	1.08	4130	1.08	<0.01
E5543764 (5551518)	133	5.38	7.65	<0.05	0.37	0.05	0.051	0.12	12.8	19.4	1.35	2830	0.86	<0.01
E5543765 (5551519)	142	4.48	7.09	<0.05	0.23	0.08	0.059	0.08	14.3	16.1	1.08	4000	0.97	<0.01
E5578186 (5551520)	27.1	3.98	3.97	<0.05	0.17	0.03	0.032	0.04	11.6	37.0	0.42	749	1.19	<0.01
E5578187 (5551521)	28.3	5.33	4.50	<0.05	0.10	0.03	0.044	0.05	9.4	35.0	0.39	791	0.99	<0.01
E5578188 (5551522)	21.6	3.92	4.81	<0.05	0.07	0.02	0.037	0.06	14.7	26.7	0.52	598	1.35	<0.01
E5578189 (5551523)	18.5	3.43	4.57	<0.05	0.07	0.02	0.029	0.05	8.4	19.8	0.28	509	1.31	<0.01
E5578190 (5551524)	23.8	4.12	4.33	<0.05	0.05	0.03	0.034	0.05	8.2	22.6	0.30	658	1.19	<0.01
E5578191 (5551525)	31.7	4.52	3.68	<0.05	0.09	0.03	0.039	0.05	13.0	37.5	0.44	685	0.88	<0.01
E5578192 (5551526)	17.6	3.85	5.87	<0.05	0.04	0.04	0.032	0.05	9.4	22.3	0.31	325	1.41	<0.01
E5578193 (5551527)	23.4	4.31	4.50	<0.05	0.05	0.03	0.032	0.04	8.0	16.4	0.22	489	1.28	<0.01
E5578194 (5551528)	26.0	4.68	4.08	<0.05	0.06	0.04	0.045	0.05	9.2	26.5	0.35	646	1.22	<0.01
E5578195 (5551529)	25.8	3.90	3.39	<0.05	0.04	0.02	0.032	0.05	8.4	21.8	0.28	901	0.98	<0.01
E5578196 (5551530)	13.6	3.14	3.75	<0.05	0.03	0.03	0.026	0.04	5.4	14.1	0.16	173	0.89	<0.01
E5578197 (5551531)	24.4	4.17	3.27	<0.05	0.05	0.02	0.044	0.04	6.1	27.4	0.23	310	0.83	<0.01
E5578198 (5551532)	42.3	4.36	4.23	<0.05	0.03	0.02	0.032	0.04	6.9	35.1	0.50	978	1.07	<0.01
E5578199 (5551533)	37.9	5.14	2.93	<0.05	0.19	0.06	0.050	0.05	8.2	32.5	0.32	542	0.76	<0.01
E5578200 (5551534)	4100	14.3	2.52	0.45	0.07	0.03	0.137	<0.01	1.0	0.9	11.4	634	4.42	0.04
E5578201 (5551535)	40.2	4.65	3.32	<0.05	0.15	0.05	0.053	0.07	10.3	35.0	0.40	562	0.98	<0.01
E5578202 (5551536)	41.1	5.01	2.23	<0.05	0.27	0.05	0.037	0.06	7.4	36.1	0.29	457	0.80	<0.01
E5578203 (5551537)	79.2	5.25	4.39	<0.05	0.21	0.07	0.039	0.06	6.2	49.3	0.70	2000	1.36	<0.01
E5578204 (5551538)	60.2	5.79	3.40	<0.05	0.17	0.08	0.058	0.06	5.7	39.3	0.49	1110	1.09	<0.01

Certified By:



# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y861104

PROJECT NO: KTL-14514-YT

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

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 25, 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)														
E5578205 (5551539)	58.5	5.62	3.24	<0.05	0.04	0.05	0.042	0.04	6.9	38.2	0.50	1530	0.92	<0.01
E5578206 (5551540)	41.4	5.83	3.26	<0.05	0.06	0.03	0.052	0.04	6.3	27.5	0.32	1320	0.97	<0.01
E5578207 (5551541)	40.7	4.01	4.83	<0.05	0.04	0.07	0.035	0.06	8.5	19.9	0.40	1600	1.75	<0.01
E5578208 (5551542)	48.4	6.11	5.67	<0.05	0.03	0.03	0.040	0.04	8.1	55.8	0.78	2840	1.61	<0.01
E5578209 (5551543)	70.1	5.28	4.93	<0.05	0.06	0.07	0.036	0.06	9.4	50.5	0.76	3480	1.34	<0.01
E5578310 (5551544)	75.1	4.77	4.77	<0.05	0.28	0.03	0.043	0.10	10.7	12.3	0.63	1740	1.04	<0.01
E5578311 (5551545)	183	4.70	5.39	<0.05	0.19	0.10	0.049	0.10	14.4	14.0	0.69	3140	1.07	<0.01
E5578312 (5551546)	72.8	4.15	3.71	<0.05	0.15	0.07	0.042	0.09	8.0	10.1	0.60	978	1.07	<0.01
E5578313 (5551547)	124	4.34	6.41	<0.05	0.09	0.05	0.053	0.07	11.3	14.9	0.85	4080	1.23	<0.01
E5578314 (5551548)	106	4.32	6.52	<0.05	0.12	0.09	0.048	0.07	13.8	16.8	1.13	2200	0.94	<0.01
E5578315 (5551549)	150	6.03	6.07	<0.05	0.07	0.11	0.049	0.07	13.5	15.6	1.16	1770	0.98	<0.01
E5578316 (5551550)	202	6.24	9.42	<0.05	0.14	0.12	0.064	0.07	24.3	25.1	2.06	5860	0.86	<0.01
E5578317 (5551551)	139	5.85	2.77	<0.05	0.06	0.05	0.041	0.10	28.3	6.2	0.41	697	0.47	<0.01
E5578318 (5551552)	131	5.57	5.26	<0.05	0.13	0.04	0.049	0.11	14.7	12.3	0.74	1030	0.82	<0.01
E5578319 (5551553)	54.2	5.64	1.80	<0.05	0.06	0.12	0.051	0.08	8.7	3.0	1.52	1470	0.89	<0.01
E5578320 (5551554)	130	5.06	6.58	<0.05	0.08	0.06	0.043	0.08	13.0	18.0	1.49	1810	0.86	<0.01
E5578321 (5551555)	135	5.88	9.59	<0.05	0.41	0.05	0.060	0.08	11.5	23.3	1.51	3360	0.98	<0.01
E5578322 (5551556)	196	6.60	8.59	<0.05	0.19	0.09	0.077	0.06	24.6	24.0	1.60	3080	1.32	<0.01
E5578323 (5551557)	193	6.80	9.94	<0.05	0.10	0.03	0.075	0.07	16.1	29.1	1.80	2170	0.99	<0.01
E5578324 (5551558)	32.9	4.64	5.08	<0.05	0.11	0.11	0.025	0.05	4.7	11.7	0.23	1670	1.48	<0.01
E5578325 (5551559)	32.1	5.11	5.43	<0.05	0.08	0.10	0.026	0.05	4.3	12.3	0.24	2010	1.45	<0.01
E5578326 (5551560)	191	5.13	7.97	<0.05	0.11	0.08	0.067	0.08	12.2	24.8	1.24	3500	1.14	<0.01
E5578327 (5551561)	192	5.85	9.81	<0.05	0.07	0.05	0.073	0.08	14.6	23.5	1.11	4640	1.27	<0.01
E5578328 (5551562)	285	9.37	7.71	<0.05	0.16	0.17	0.146	0.04	15.9	22.6	0.96	2540	1.43	<0.01
E5578329 (5551563)	31.7	3.84	4.53	<0.05	0.08	0.06	0.022	0.06	3.8	28.7	0.52	1540	0.63	<0.01
E5578330 (5551564)	26.3	4.17	4.60	<0.05	0.08	0.12	0.023	0.05	3.3	12.4	0.24	1560	1.19	<0.01
E5578331 (5551565)	31.4	4.28	4.92	<0.05	0.06	0.06	0.024	0.07	3.6	20.7	0.40	1680	0.88	<0.01
E5578332 (5551566)	49.2	4.30	4.24	<0.05	0.02	0.02	0.024	0.05	6.8	43.1	0.73	3930	0.62	<0.01
E5578333 (5551567)	33.1	3.69	4.01	<0.05	0.13	0.09	0.025	0.07	4.1	29.0	0.51	3130	0.85	<0.01
E5578334 (5551568)	35.5	3.94	3.92	<0.05	0.02	0.02	0.022	0.05	8.7	28.8	0.59	1270	0.88	<0.01
E5578335 (5551569)	32.0	3.46	4.48	<0.05	0.04	0.04	0.018	0.06	16.1	42.6	0.98	2520	0.53	<0.01
E5578336 (5551570)	25.6	4.43	6.22	<0.05	0.08	0.10	0.025	0.07	5.8	29.5	0.52	2090	0.96	<0.01

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 14Y861104

PROJECT NO: KTL-14514-YT

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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 25, 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
E5578337 (5551571)	38.2	4.19	5.64	<0.05	0.06	0.07	0.023	0.08	11.1	32.2	0.61	3080	1.23	<0.01
E5578338 (5551572)	45.3	4.49	3.61	<0.05	0.28	0.03	0.040	0.07	28.5	25.6	0.55	684	0.87	<0.01
E5578339 (5551573)	31.4	1.30	1.43	<0.05	0.28	0.06	0.018	0.05	14.4	11.8	2.05	441	1.04	<0.01
E5578340 (5551574)	24.3	1.85	3.10	<0.05	0.20	0.03	0.017	0.04	17.5	28.2	1.93	272	0.54	<0.01
E5578341 (5551575)	38.3	2.56	4.10	<0.05	0.16	0.05	0.031	0.05	26.7	29.5	1.11	423	0.82	<0.01
E5578342 (5551576)	35.2	2.07	2.64	<0.05	0.58	0.06	0.022	0.08	17.3	29.7	2.74	344	1.07	<0.01
E5578343 (5551577)	36.8	2.81	4.18	<0.05	0.61	0.11	0.027	0.07	22.5	34.3	1.47	419	2.51	<0.01
E5269710 (5551578)	18.1	3.06	4.65	<0.05	0.12	0.02	0.026	0.06	10.5	27.5	0.70	383	0.89	<0.01
E5269711 (5551579)	16.4	2.97	5.20	<0.05	0.10	0.03	0.027	0.05	11.1	26.4	0.60	487	1.02	<0.01
E5269712 (5551580)	18.0	2.89	5.26	<0.05	0.04	0.02	0.024	0.07	13.7	29.9	0.68	267	0.86	<0.01
E5269713 (5551581)	14.6	2.42	5.46	<0.05	0.11	0.02	0.019	0.07	11.1	18.8	0.44	337	1.06	<0.01
E5269714 (5551582)	11.4	1.79	4.30	<0.05	0.03	0.02	0.016	0.06	8.7	10.9	0.36	607	1.03	<0.01
E5269715 (5551583)	15.5	3.05	5.25	<0.05	0.08	0.01	0.023	0.07	10.0	28.3	0.70	410	0.84	<0.01
E5269716 (5551584)	12.9	2.83	5.38	<0.05	0.04	0.02	0.026	0.05	10.1	23.9	0.52	231	0.92	<0.01
E5269717 (5551585)	23.4	3.58	5.08	<0.05	0.04	0.01	0.028	0.09	15.2	41.5	1.02	494	0.62	<0.01
E5269718 (5551586)	21.8	3.52	4.59	<0.05	0.06	0.02	0.031	0.07	16.3	38.5	0.84	449	0.60	<0.01
E5269719 (5551587)	43.4	3.77	4.54	<0.05	0.17	0.03	0.025	0.09	14.9	44.0	1.01	861	0.66	<0.01
E5269720 (5551588)	29.9	3.71	4.53	<0.05	0.14	0.03	0.030	0.05	13.2	35.7	0.62	574	0.82	<0.01
E5269721 (5551589)	32.5	3.55	4.66	<0.05	0.09	0.03	0.027	0.10	18.6	37.3	1.02	633	0.52	<0.01
E5269722 (5551590)	16.8	2.71	4.67	<0.05	0.03	0.03	0.020	0.05	10.5	22.8	0.50	346	1.05	<0.01
E5269723 (5551591)	28.6	3.12	4.09	<0.05	0.20	0.05	0.025	0.06	13.6	28.6	0.62	462	0.86	<0.01
E5269724 (5551592)	10.8	2.54	5.31	<0.05	0.02	0.02	0.024	0.04	11.7	15.7	0.46	412	0.91	<0.01
E5633541 (5551593)	44.4	5.01	5.98	<0.05	<0.02	0.02	0.040	0.12	11.3	18.7	0.64	453	1.32	<0.01
E5633542 (5551594)	69.1	4.85	6.28	<0.05	0.07	0.04	0.042	0.11	9.0	14.5	0.51	1990	1.19	<0.01
E5633543 (5551595)	64.1	4.37	6.70	<0.05	<0.02	0.03	0.043	0.10	8.9	13.2	0.50	1320	1.33	<0.01
E5633544 (5551596)	38.5	5.40	7.79	<0.05	<0.02	0.02	0.046	0.11	8.3	17.5	0.44	2020	1.42	<0.01
E5633545 (5551597)	43.8	6.09	7.11	<0.05	0.35	0.02	0.044	0.10	9.3	18.5	0.45	922	2.45	<0.01
E5633546 (5551598)	42.2	4.86	7.42	<0.05	0.13	0.02	0.045	0.06	10.5	19.2	0.54	666	1.81	<0.01
E5633547 (5551599)	72.0	5.40	6.54	<0.05	0.16	0.04	0.046	0.10	10.9	15.1	0.88	1080	1.37	<0.01
E5633548 (5551600)	62.2	5.04	6.36	<0.05	0.07	0.04	0.038	0.06	14.5	20.0	1.02	450	0.97	<0.01
E5633549 (5551601)	43.2	5.03	6.53	<0.05	0.06	0.02	0.041	0.10	10.5	16.9	0.52	1010	1.28	<0.01
E5633550 (5551602)	4420	11.4	4.83	0.11	0.11	0.01	0.060	0.17	6.4	6.3	2.79	884	5.70	0.27

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 14Y861104

PROJECT NO: KTL-14514-YT

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 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 25, 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)														
E5633551 (5551603)	66.3	4.12	7.02	<0.05	0.06	0.01	0.040	0.05	11.2	20.0	0.85	596	1.42	<0.01
E5633552 (5551604)	73.8	6.29	4.72	<0.05	0.14	0.05	0.050	0.10	10.9	11.1	0.59	1140	3.64	<0.01
E5633553 (5551605)	87.8	7.06	3.41	<0.05	0.16	0.15	0.052	0.10	7.3	11.8	1.65	3070	5.07	<0.01
E5633554 (5551606)	91.2	4.84	4.67	<0.05	0.14	0.07	0.039	0.09	14.4	14.5	0.80	1010	1.80	<0.01
E5633555 (5551607)	59.8	4.85	5.62	<0.05	0.05	0.05	0.045	0.10	11.9	17.3	0.73	1290	1.53	<0.01
E5633556 (5551608)	112	5.23	9.39	<0.05	0.07	0.10	0.065	0.11	13.6	20.8	1.02	3600	1.44	<0.01
E5633557 (5551609)	151	5.21	7.30	<0.05	0.07	0.05	0.070	0.11	14.1	18.3	0.89	3620	1.25	<0.01
E5633558 (5551610)	174	4.77	6.90	<0.05	0.12	0.08	0.050	0.11	17.5	17.9	1.10	2880	1.18	<0.01
E5633559 (5551611)	297	7.30	9.48	<0.05	0.09	0.11	0.079	0.09	16.7	25.8	1.75	3650	1.27	<0.01
E5269926 (5551612)	98.1	5.36	7.71	<0.05	0.07	0.03	0.067	0.06	14.9	24.7	1.11	1140	1.04	<0.01
E5269927 (5551613)	104	5.11	7.04	<0.05	0.06	0.02	0.050	0.14	13.4	20.1	1.15	867	1.09	<0.01
E5269928 (5551614)	57.7	4.84	7.42	<0.05	0.03	0.02	0.041	0.07	13.2	21.2	0.87	470	1.29	<0.01
E5269929 (5551615)	101	5.99	8.28	<0.05	0.03	0.02	0.064	0.07	12.6	27.1	1.01	1140	1.40	<0.01
E5269930 (5551616)	103	5.95	7.93	<0.05	0.04	0.02	0.065	0.08	12.9	27.2	1.06	1750	1.43	<0.01
E5269931 (5551617)	124	6.33	8.00	<0.05	0.05	0.04	0.047	0.11	18.2	22.3	1.58	1090	0.84	<0.01
E5269932 (5551618)	134	5.86	8.89	<0.05	0.04	0.03	0.062	0.06	12.5	25.0	1.17	813	1.26	<0.01
E5269933 (5551619)	219	5.43	7.11	<0.05	0.07	0.07	0.057	0.08	13.8	20.1	1.21	2400	1.02	<0.01
E5269934 (5551620)	185	5.15	8.84	<0.05	0.07	0.08	0.064	0.08	15.2	26.4	1.27	3810	1.28	<0.01
E5269935 (5551621)	170	4.20	8.08	<0.05	0.08	0.09	0.076	0.04	13.3	19.1	0.68	2940	1.01	<0.01
E5269936 (5551622)	91.4	4.68	5.58	<0.05	0.08	0.06	0.043	0.09	12.3	15.7	1.06	489	1.11	<0.01
E5269937 (5551623)	154	3.29	4.93	<0.05	0.08	0.15	0.040	0.07	10.2	15.0	0.94	1380	0.68	<0.01
E5269938 (5551624)	326	5.44	7.18	<0.05	0.07	0.16	0.071	0.08	19.1	20.5	1.36	4000	0.85	<0.01
E5269939 (5551625)	201	7.15	9.64	<0.05	0.09	0.07	0.106	0.06	16.4	32.8	1.40	3980	0.98	<0.01
E5269940 (5551626)	33.7	3.95	4.30	<0.05	0.02	0.08	0.024	0.06	10.4	27.7	0.52	1540	1.19	<0.01
E5269941 (5551627)	38.7	4.17	5.23	<0.05	0.03	0.05	0.026	0.09	7.7	28.7	0.57	1600	0.96	<0.01
E5269942 (5551628)	45.4	4.78	5.93	<0.05	0.02	0.03	0.032	0.08	8.3	35.9	0.68	1500	1.03	<0.01
E5269943 (5551629)	31.6	3.86	4.39	<0.05	0.02	0.05	0.023	0.06	6.3	26.5	0.45	1160	1.08	<0.01
E5269944 (5551630)	29.2	3.51	3.47	<0.05	0.02	0.03	0.022	0.04	5.3	24.1	0.36	523	0.90	<0.01
E5269945 (5551631)	51.1	6.25	1.66	<0.05	0.02	0.11	0.040	0.03	18.4	9.5	0.17	1740	1.78	<0.01
E5269946 (5551632)	45.0	4.49	4.10	<0.05	0.02	0.03	0.023	0.05	8.6	37.1	0.55	2030	1.22	<0.01
E5269947 (5551633)	52.9	4.28	4.29	<0.05	<0.02	0.03	0.022	0.06	7.8	42.2	0.56	2170	1.16	<0.01
E5269948 (5551634)	46.7	4.97	4.87	<0.05	<0.02	0.03	0.032	0.06	7.1	31.0	0.47	2560	1.41	<0.01

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 14Y861104

PROJECT NO: KTL-14514-YT

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

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 09, 2014		DATE RECEIVED: Jul 08, 2014					DATE REPORTED: Jul 25, 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
E5269949 (5551635)		43.6	4.36	5.03	<0.05	<0.02	0.03	0.030	0.06	9.1	32.7	0.65	3070	1.30	<0.01
E5269950 (5551636)		4300	11.2	4.99	0.11	0.21	0.01	0.061	0.17	6.4	6.1	2.74	873	5.67	0.28
E5269951 (5551637)		45.7	4.33	4.32	<0.05	0.09	0.04	0.028	0.06	8.7	35.7	0.63	3310	1.03	<0.01
E5269952 (5551638)		56.6	5.04	4.52	<0.05	0.05	0.03	0.030	0.06	10.1	32.7	0.60	3340	1.54	<0.01
E5269953 (5551639)		60.8	5.16	5.08	<0.05	0.05	0.04	0.035	0.07	10.0	32.3	0.65	4230	1.38	<0.01
E5269954 (5551640)		57.9	4.64	4.67	<0.05	0.04	0.06	0.030	0.07	10.7	39.1	0.75	2820	0.97	<0.01
E5269955 (5551641)		36.7	3.94	4.43	<0.05	0.04	0.03	0.021	0.05	12.8	38.8	0.75	1890	0.89	<0.01
E5269956 (5551642)		33.7	4.98	5.53	<0.05	0.13	0.10	0.033	0.07	11.0	27.8	0.53	3450	1.06	<0.01
E5269957 (5551643)		37.9	4.36	5.13	<0.05	0.10	0.04	0.024	0.05	10.3	29.6	0.58	1860	0.94	<0.01
E5269958 (5551644)		42.5	4.37	4.07	<0.05	0.12	0.04	0.033	0.05	28.9	32.9	0.67	1250	0.74	<0.01
E5269959 (5551645)		37.5	3.18	3.10	<0.05	0.08	0.05	0.023	0.05	28.5	24.1	0.68	830	0.73	<0.01
E5543766 (5551646)		156	5.57	7.96	<0.05	0.12	0.10	0.055	0.09	17.9	21.3	1.38	2250	0.96	<0.01
E5543767 (5551647)		148	6.16	8.63	<0.05	0.04	0.04	0.054	0.07	14.1	24.8	1.55	1390	0.82	<0.01
E5543768 (5551648)		115	6.74	9.86	<0.05	0.04	0.04	0.066	0.06	13.3	29.3	1.35	1670	0.95	<0.01
E5543769 (5551649)		91.3	4.47	6.69	<0.05	0.11	0.02	0.045	0.06	10.4	20.0	0.86	1190	1.46	<0.01
E5543770 (5551650)		276	7.59	9.48	<0.05	0.14	0.11	0.054	0.07	18.9	27.9	2.24	2320	0.71	<0.01
E5543771 (5551651)		139	2.79	4.34	<0.05	0.20	0.09	0.033	0.05	11.2	11.0	0.93	2710	0.68	<0.01
E5543772 (5551652)		149	5.51	6.10	<0.05	0.11	0.06	0.042	0.06	15.1	17.6	1.23	1010	0.84	<0.01
E5543773 (5551653)		152	5.17	7.42	<0.05	0.11	0.02	0.048	0.05	14.1	19.6	1.21	2130	1.17	<0.01
E5543774 (5551654)		66.3	4.81	3.83	<0.05	0.19	0.11	0.042	0.07	7.5	13.4	0.72	658	1.01	<0.01
E5543775 (5551655)		47.2	2.94	4.59	<0.05	0.22	0.02	0.016	0.10	4.2	7.4	0.75	527	5.69	0.08
E5543776 (5551656)		79.4	5.29	3.93	<0.05	0.21	0.06	0.042	0.14	12.8	12.8	0.65	845	0.89	<0.01
E5543777 (5551657)		69.9	5.80	6.73	<0.05	0.05	0.04	0.045	0.08	13.8	19.6	0.81	602	1.27	<0.01
E5543778 (5551658)		193	7.40	7.81	<0.05	0.11	0.05	0.060	0.05	18.5	20.3	1.16	2290	1.19	<0.01
E5543779 (5551659)		37.9	4.28	2.58	<0.05	0.27	0.06	0.032	0.06	14.1	26.1	0.31	1530	0.86	<0.01
E5543780 (5551660)		45.2	5.29	2.06	<0.05	0.32	0.12	0.039	0.06	17.2	17.8	0.24	1310	1.67	<0.01
E5543781 (5551661)		39.0	4.42	3.19	<0.05	0.38	0.07	0.052	0.06	25.7	25.6	0.36	581	1.03	<0.01
E5543782 (5551662)		45.7	5.07	3.21	<0.05	0.24	0.11	0.046	0.07	19.8	31.9	0.43	1240	1.04	<0.01
E5543783 (5551663)		46.9	4.66	3.24	<0.05	0.23	0.04	0.038	0.06	24.1	24.9	0.41	1010	0.92	<0.01
E5543784 (5551664)		49.8	4.94	3.69	<0.05	0.42	0.06	0.046	0.09	20.3	30.8	0.48	860	0.98	<0.01
E5543785 (5551665)		31.7	3.60	4.15	<0.05	0.31	0.06	0.026	0.06	14.7	33.7	0.52	772	0.92	<0.01
E5543786 (5551666)		30.0	3.87	4.39	<0.05	0.21	0.05	0.032	0.05	12.1	35.2	0.45	833	0.82	<0.01

Certified By:



**AGAT** Laboratories

# Certificate of Analysis

AGAT WORK ORDER: 14Y861104

PROJECT NO: KTL-14514-YT

5623 McADAM ROAD  
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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 25, 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)														
E5543787 (5551667)	35.2	4.49	4.41	<0.05	0.29	0.08	0.037	0.06	15.5	35.1	0.50	2670	0.96	<0.01
E5543788 (5551668)	44.0	4.72	4.37	<0.05	0.13	0.08	0.037	0.06	19.5	40.6	0.63	925	0.60	<0.01
E5543789 (5551669)	41.7	4.57	4.31	<0.05	0.45	0.05	0.045	0.06	15.4	37.1	0.54	604	0.73	<0.01
E5543790 (5551670)	38.5	4.57	4.04	<0.05	0.31	0.05	0.040	0.04	15.8	33.5	0.50	926	0.93	<0.01
E5543791 (5551671)	39.8	4.75	3.16	<0.05	0.13	0.04	0.035	0.07	9.6	23.1	0.42	945	0.90	<0.01
E5543792 (5551672)	44.5	4.93	3.65	<0.05	0.05	0.06	0.033	0.06	9.8	26.8	0.42	1340	0.97	<0.01
E5543793 (5551673)	58.4	4.61	5.07	<0.05	0.29	0.13	0.036	0.07	9.6	31.6	0.61	5930	1.63	<0.01
E5543794 (5551674)	37.7	4.17	4.06	<0.05	0.19	0.07	0.025	0.05	6.6	29.1	0.50	2780	1.31	<0.01
E5543795 (5551675)	34.8	4.02	4.25	<0.05	0.14	0.02	0.026	0.05	7.1	27.1	0.51	2860	1.21	<0.01
E5543796 (5551676)	37.2	4.09	3.98	<0.05	0.17	0.03	0.024	0.05	8.5	29.7	0.54	2060	1.03	<0.01
E5543797 (5551677)	28.0	3.67	4.08	<0.05	0.12	0.03	0.019	0.04	9.3	32.3	0.65	755	0.84	<0.01
E5543798 (5551678)	44.4	4.42	3.73	<0.05	0.15	0.05	0.024	0.04	24.7	34.9	0.67	1070	0.85	<0.01

Certified By:





# Certificate of Analysis

AGAT WORK ORDER: 14Y861104

PROJECT NO: KTL-14514-YT

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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 25, 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)														
E5578021 (5551475)	0.76	30.0	1080	39.2	5.2	<0.001	0.058	0.68	2.0	0.6	0.3	19.0	0.01	0.13
E5578022 (5551476)	0.55	24.5	1300	29.3	6.4	<0.001	0.065	0.62	1.6	0.5	0.3	17.8	0.01	0.08
E5578023 (5551477)	0.27	30.0	1420	34.3	5.6	<0.001	0.080	0.32	3.9	0.5	0.3	30.2	0.01	0.08
E5578024 (5551478)	0.58	22.2	1290	28.1	6.5	<0.001	0.071	0.61	1.4	0.6	0.3	15.2	0.01	0.08
E5578025 (5551479)	0.60	21.4	1420	26.9	6.9	<0.001	0.074	0.62	1.3	0.6	0.3	16.0	0.01	0.07
E5578026 (5551480)	0.74	32.2	1210	32.4	7.0	<0.001	0.049	0.57	3.0	0.7	0.4	23.9	<0.01	0.07
E5578027 (5551481)	0.25	36.3	1150	34.3	3.7	<0.001	0.039	0.61	5.9	0.9	<0.2	51.2	<0.01	0.07
E5578028 (5551482)	0.36	26.1	1770	27.2	5.3	<0.001	0.144	0.59	5.6	0.9	<0.2	98.3	0.02	0.07
E5578029 (5551483)	0.16	40.8	981	41.8	3.7	<0.001	0.053	0.45	5.8	0.7	0.2	46.8	<0.01	0.07
E5578030 (5551484)	0.08	46.1	1040	45.0	3.6	<0.001	0.050	0.58	5.6	0.7	<0.2	50.1	<0.01	0.07
E5578031 (5551485)	0.15	35.4	1110	38.3	4.7	<0.001	0.043	0.54	7.3	0.8	<0.2	59.2	<0.01	0.09
E5578032 (5551486)	0.32	32.6	1520	37.9	4.8	<0.001	0.115	0.58	7.0	1.3	0.2	86.6	0.01	0.11
E5578033 (5551487)	0.37	26.6	1820	68.7	6.2	<0.001	0.155	0.67	2.6	0.7	0.3	23.3	<0.01	0.12
E5578034 (5551488)	0.18	39.5	1120	49.0	4.2	<0.001	0.047	0.76	5.1	0.7	0.2	56.5	<0.01	0.11
E5578035 (5551489)	0.18	36.0	1210	89.8	4.6	<0.001	0.072	1.27	2.4	0.7	<0.2	28.1	<0.01	0.14
E5578036 (5551490)	0.95	18.4	727	22.3	8.2	<0.001	0.105	0.71	3.0	0.9	0.4	24.8	0.02	0.10
E5578037 (5551491)	0.49	38.1	1520	45.2	8.3	<0.001	0.102	0.66	4.9	0.9	0.3	29.4	<0.01	0.12
E5578038 (5551492)	0.45	33.6	1500	45.8	5.3	<0.001	0.103	0.50	9.3	1.0	0.3	49.1	0.01	0.10
E5578039 (5551493)	0.09	38.4	830	39.1	3.7	<0.001	0.038	0.44	5.8	0.7	<0.2	33.0	<0.01	0.10
E5578040 (5551494)	0.26	55.5	1290	69.0	6.7	<0.001	0.060	0.49	8.6	1.3	0.3	50.9	<0.01	0.15
E5578041 (5551495)	0.83	44.7	1480	184	7.1	<0.001	0.044	0.49	4.3	0.7	0.5	40.2	<0.01	0.10
E5578042 (5551496)	0.26	46.6	1760	192	6.0	<0.001	0.045	0.65	7.3	1.0	0.3	79.0	<0.01	0.11
E5578043 (5551497)	0.66	45.8	1140	43.2	6.4	<0.001	0.057	0.67	9.6	1.2	0.3	77.4	0.01	0.12
E5578044 (5551498)	0.68	31.7	1530	28.3	7.2	<0.001	0.081	0.75	2.0	0.7	0.4	21.5	<0.01	0.10
E5578045 (5551499)	0.16	45.1	1220	47.9	3.8	<0.001	0.056	0.57	5.5	0.8	<0.2	71.0	<0.01	0.13
E5578046 (5551500)	0.10	49.0	1170	59.3	3.6	<0.001	0.038	0.61	6.0	0.9	<0.2	54.0	<0.01	0.15
E5578047 (5551501)	0.62	29.1	2260	18.7	9.7	<0.001	0.098	0.64	8.5	0.9	0.4	28.4	<0.01	0.11
E5578048 (5551502)	0.47	45.6	1910	43.9	6.6	<0.001	0.155	0.48	36.0	2.8	0.4	37.0	0.02	0.14
E5578049 (5551503)	0.63	31.6	2450	24.5	9.7	<0.001	0.126	0.55	14.8	1.2	0.4	26.5	0.01	0.12
E5578050 (5551504)	0.71	4040	702	17.3	8.8	0.007	1.84	0.18	4.0	4.6	2.2	74.1	0.01	0.47
E5578051 (5551505)	0.77	24.4	765	34.1	7.6	<0.001	0.053	1.09	10.7	0.9	0.6	16.3	0.03	0.12
E5578052 (5551506)	0.40	28.9	762	36.1	6.0	<0.001	0.069	0.52	15.8	1.1	0.3	24.5	0.02	0.11

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 14Y861104

PROJECT NO: KTL-14514-YT

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 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 25, 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)														
E5578053 (5551507)	0.27	32.4	791	33.6	4.1	<0.001	0.058	1.54	10.9	0.9	0.3	30.3	0.01	0.13
E5578054 (5551508)	0.75	35.2	2710	24.9	12.4	<0.001	0.140	0.49	22.2	1.2	0.4	30.8	0.03	0.13
E5578055 (5551509)	0.71	38.6	1660	22.0	7.7	<0.001	0.119	0.39	16.9	1.1	0.4	29.1	0.02	0.13
E5578056 (5551510)	0.91	31.8	1040	22.9	6.5	<0.001	0.052	0.45	10.4	0.7	0.3	22.0	0.01	0.10
E5578057 (5551511)	0.77	29.5	3610	22.3	10.2	<0.001	0.194	0.64	20.3	1.5	0.4	31.8	0.03	0.12
E5578058 (5551512)	0.64	28.8	771	25.6	7.8	<0.001	0.037	1.27	7.7	0.6	0.4	19.7	<0.01	0.11
E5578059 (5551513)	0.62	22.9	2990	26.9	10.5	<0.001	0.186	0.70	8.6	0.7	0.3	24.4	0.02	0.15
E5543760 (5551514)	0.74	36.3	832	15.8	9.0	<0.001	0.042	0.39	12.7	0.7	0.4	20.4	0.01	0.12
E5543761 (5551515)	0.87	41.5	1100	18.9	13.2	<0.001	0.061	0.37	22.3	1.3	0.6	27.8	0.01	0.12
E5543762 (5551516)	1.12	34.4	1850	24.9	13.4	<0.001	0.089	0.57	12.4	0.9	0.5	28.6	0.01	0.11
E5543763 (5551517)	0.85	33.2	2170	22.1	14.7	<0.001	0.108	0.45	11.3	0.6	0.4	32.1	0.01	0.11
E5543764 (5551518)	1.27	36.7	1130	17.2	13.0	<0.001	0.067	0.45	13.6	0.6	0.4	29.3	0.03	0.15
E5543765 (5551519)	1.08	32.4	1950	19.0	10.3	0.007	0.119	0.45	17.7	1.1	0.5	35.2	0.04	0.13
E5578186 (5551520)	0.68	26.3	1290	29.1	7.4	<0.001	0.047	0.63	5.3	0.7	0.3	43.1	0.02	0.09
E5578187 (5551521)	0.52	27.6	1940	32.5	6.0	<0.001	0.052	0.52	2.6	0.6	0.2	43.6	0.02	0.08
E5578188 (5551522)	1.12	32.9	1200	23.2	8.6	<0.001	0.032	0.68	4.6	0.7	0.5	35.1	0.01	0.07
E5578189 (5551523)	0.68	19.3	1170	19.5	11.0	<0.001	0.052	0.58	1.1	0.4	0.4	40.4	0.02	0.07
E5578190 (5551524)	0.70	23.1	1080	23.4	9.4	<0.001	0.049	0.58	1.3	0.6	0.4	17.4	0.01	0.07
E5578191 (5551525)	0.49	36.7	1260	32.3	5.9	<0.001	0.039	0.53	4.2	0.7	0.2	36.2	0.01	0.07
E5578192 (5551526)	0.96	20.0	683	20.5	9.5	<0.001	0.029	0.60	1.3	0.7	0.5	14.7	0.01	0.07
E5578193 (5551527)	0.62	17.8	1450	23.0	8.7	<0.001	0.060	0.64	1.0	0.6	0.4	15.3	0.01	0.07
E5578194 (5551528)	0.75	26.4	1500	31.4	6.4	<0.001	0.080	0.71	1.8	0.7	0.3	61.6	0.02	0.06
E5578195 (5551529)	0.35	23.4	1560	27.4	6.7	<0.001	0.057	0.54	1.3	0.5	0.2	18.0	0.01	0.06
E5578196 (5551530)	0.57	15.4	786	21.9	8.1	<0.001	0.038	0.35	1.0	0.3	0.4	20.9	<0.01	0.05
E5578197 (5551531)	0.47	29.1	696	32.1	7.1	<0.001	0.032	0.38	3.0	0.5	0.4	23.2	<0.01	0.05
E5578198 (5551532)	0.63	47.2	723	34.5	6.4	<0.001	0.022	0.66	2.7	0.6	0.3	26.4	<0.01	0.06
E5578199 (5551533)	0.27	38.9	1020	43.9	5.7	<0.001	0.034	0.40	6.6	0.9	0.3	53.1	<0.01	0.07
E5578200 (5551534)	0.08	>10000	41	14.6	0.8	0.049	6.85	0.78	7.7	11.0	2.5	28.7	<0.01	0.75
E5578201 (5551535)	0.51	81.2	1440	43.8	7.9	<0.001	0.067	0.57	6.5	1.2	0.3	63.5	0.01	0.23
E5578202 (5551536)	0.10	45.6	698	47.7	4.0	<0.001	0.030	0.52	5.6	0.7	<0.2	34.6	<0.01	0.11
E5578203 (5551537)	0.34	40.5	1590	74.9	7.8	<0.001	0.064	0.88	5.4	1.0	0.2	66.8	0.01	0.21
E5578204 (5551538)	0.22	49.6	839	70.4	6.2	<0.001	0.050	0.67	6.3	0.8	0.3	49.4	0.01	0.15

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 14Y861104

PROJECT NO: KTL-14514-YT

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

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 09, 2014		DATE RECEIVED: Jul 08, 2014						DATE REPORTED: Jul 25, 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
E5578205 (5551539)		0.14	46.4	1240	57.2	4.4	<0.001	0.035	0.68	4.7	0.7	0.3	31.0	<0.01	0.13
E5578206 (5551540)		0.25	34.2	1390	52.3	6.4	<0.001	0.058	0.63	4.0	0.6	0.2	23.0	<0.01	0.11
E5578207 (5551541)		0.65	22.8	1840	37.0	9.5	<0.001	0.128	0.81	2.5	1.1	0.4	23.2	<0.01	0.11
E5578208 (5551542)		0.36	32.3	1900	136	4.8	<0.001	0.077	0.63	2.1	0.6	0.3	39.2	<0.01	0.11
E5578209 (5551543)		0.36	43.7	1780	96.8	6.6	<0.001	0.057	0.89	4.9	1.2	0.3	34.8	<0.01	0.11
E5578310 (5551544)		0.75	22.4	1140	30.8	9.5	<0.001	0.083	0.49	8.5	0.8	0.5	31.3	0.01	0.11
E5578311 (5551545)		0.61	28.0	2480	40.7	9.1	<0.001	0.131	0.40	12.2	1.4	0.4	25.4	0.02	0.18
E5578312 (5551546)		0.55	22.9	1540	22.0	8.0	<0.001	0.131	0.65	9.0	1.1	0.3	28.8	0.02	0.11
E5578313 (5551547)		0.80	26.3	2610	25.3	11.6	<0.001	0.135	0.58	13.6	0.9	0.4	26.6	0.01	0.10
E5578314 (5551548)		0.75	28.7	2990	17.1	8.9	<0.001	0.153	0.45	17.1	1.1	0.3	26.3	0.02	0.09
E5578315 (5551549)		0.64	33.2	1360	23.1	7.0	<0.001	0.061	1.86	19.2	1.0	0.4	28.0	<0.01	0.08
E5578316 (5551550)		0.45	47.5	2190	36.5	6.1	<0.001	0.123	0.43	32.6	1.7	0.3	31.8	0.01	0.12
E5578317 (5551551)		0.21	39.5	684	19.6	5.1	<0.001	0.012	0.21	8.3	1.0	0.3	22.4	<0.01	0.22
E5578318 (5551552)		0.42	32.7	1430	20.4	8.7	<0.001	0.066	0.50	16.3	1.1	0.5	22.5	<0.01	0.17
E5578319 (5551553)		0.22	27.5	822	30.9	4.8	<0.001	0.058	1.21	9.9	0.9	0.3	30.7	<0.01	0.10
E5578320 (5551554)		0.62	34.5	1870	18.0	8.2	<0.001	0.095	0.47	14.6	0.8	0.3	27.0	<0.01	0.08
E5578321 (5551555)		1.26	36.4	2370	23.2	11.4	<0.001	0.105	0.46	12.8	0.6	0.5	27.5	0.04	0.09
E5578322 (5551556)		0.79	45.3	550	26.8	8.2	<0.001	0.021	0.49	33.6	1.2	0.4	24.4	0.02	0.15
E5578323 (5551557)		0.66	43.8	953	23.0	11.2	<0.001	0.028	0.49	19.6	0.8	0.4	27.6	0.01	0.12
E5578324 (5551558)		0.67	15.9	3010	37.9	9.2	<0.001	0.164	0.78	1.3	0.7	0.3	19.3	0.03	0.11
E5578325 (5551559)		0.56	16.0	3350	39.3	8.7	<0.001	0.171	0.77	1.0	0.7	0.3	20.1	0.02	0.11
E5578326 (5551560)		0.81	35.2	1230	24.5	14.2	<0.001	0.082	0.49	17.2	0.8	0.4	29.6	0.02	0.13
E5578327 (5551561)		1.21	34.8	887	26.6	17.3	<0.001	0.033	0.54	17.2	0.9	0.7	25.1	<0.01	0.12
E5578328 (5551562)		0.75	31.4	1250	49.8	6.8	<0.001	0.087	5.72	33.7	2.1	0.4	32.0	0.02	0.15
E5578329 (5551563)		0.24	20.0	1790	31.1	9.3	<0.001	0.071	0.38	2.2	0.4	<0.2	19.1	0.01	0.11
E5578330 (5551564)		0.56	14.6	3460	30.1	8.4	<0.001	0.214	0.69	0.8	0.8	0.2	24.9	0.02	0.11
E5578331 (5551565)		0.34	17.3	2200	30.6	9.0	<0.001	0.095	0.53	1.3	0.4	0.2	23.5	<0.01	0.09
E5578332 (5551566)		0.14	40.0	746	44.2	4.4	<0.001	0.010	0.41	3.0	0.4	0.2	39.4	<0.01	0.07
E5578333 (5551567)		0.36	21.1	1960	44.9	7.9	<0.001	0.108	0.52	1.8	0.4	0.2	43.5	0.01	0.09
E5578334 (5551568)		0.42	27.2	1430	40.3	4.8	<0.001	0.042	0.77	1.6	0.5	<0.2	44.0	<0.01	0.08
E5578335 (5551569)		<0.05	35.0	3070	58.1	4.1	<0.001	0.007	0.35	4.3	0.4	<0.2	144	<0.01	0.05
E5578336 (5551570)		0.42	18.9	3710	56.9	10.3	<0.001	0.150	0.38	1.1	0.4	0.2	34.3	<0.01	0.08

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 14Y861104

PROJECT NO: KTL-14514-YT

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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 25, 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)														
E5578337 (5551571)	0.39	24.2	1790	60.7	12.2	<0.001	0.064	0.56	2.8	0.5	0.3	22.9	<0.01	0.08
E5578338 (5551572)	0.28	36.1	971	29.1	5.0	<0.001	0.052	0.69	7.7	0.8	<0.2	47.8	<0.01	0.08
E5578339 (5551573)	0.15	27.2	3560	8.9	2.8	<0.001	0.209	0.36	4.0	1.5	<0.2	331	<0.01	0.05
E5578340 (5551574)	0.19	25.6	740	14.0	2.9	<0.001	0.144	0.24	4.4	1.0	<0.2	284	<0.01	0.03
E5578341 (5551575)	0.47	29.6	649	18.4	5.5	<0.001	0.049	0.36	4.5	0.8	0.2	39.8	<0.01	0.04
E5578342 (5551576)	<0.05	25.4	939	18.4	4.6	<0.001	0.058	0.45	5.5	1.0	0.2	112	<0.01	0.02
E5578343 (5551577)	0.68	32.1	836	23.2	6.6	<0.001	0.041	1.29	6.0	1.1	0.3	27.3	<0.01	0.03
E5269710 (5551578)	0.80	21.5	979	14.8	10.1	<0.001	0.040	0.43	3.2	0.4	0.4	30.5	<0.01	0.04
E5269711 (5551579)	0.92	21.4	1040	15.8	10.5	<0.001	0.029	0.44	3.0	0.4	0.5	21.6	<0.01	0.04
E5269712 (5551580)	0.77	19.3	794	11.7	12.5	<0.001	0.019	0.33	2.3	0.4	0.4	13.1	<0.01	0.04
E5269713 (5551581)	0.76	13.7	1330	10.5	14.3	<0.001	0.046	0.34	1.8	0.3	0.4	11.8	<0.01	0.11
E5269714 (5551582)	0.43	9.7	1610	10.4	11.6	<0.001	0.072	0.34	0.6	0.3	0.3	11.0	<0.01	0.08
E5269715 (5551583)	0.69	20.2	1350	13.6	14.2	<0.001	0.042	0.34	2.1	0.3	0.4	30.7	<0.01	0.06
E5269716 (5551584)	0.83	16.0	1050	12.6	10.7	<0.001	0.031	0.35	1.9	0.4	0.5	17.7	<0.01	0.06
E5269717 (5551585)	0.43	26.3	684	16.6	10.6	<0.001	0.012	0.26	2.5	0.4	0.3	15.2	<0.01	0.05
E5269718 (5551586)	0.52	28.8	834	18.5	8.8	<0.001	0.012	0.30	3.2	0.5	0.2	18.6	<0.01	0.05
E5269719 (5551587)	0.31	31.1	1180	23.4	5.6	<0.001	0.033	0.38	5.0	0.6	<0.2	57.9	<0.01	0.05
E5269720 (5551588)	0.55	24.8	1270	23.7	7.4	<0.001	0.031	0.42	4.5	0.6	0.3	47.7	<0.01	0.07
E5269721 (5551589)	0.34	28.7	1010	19.6	8.4	<0.001	0.011	0.31	5.4	0.5	0.2	36.3	<0.01	0.05
E5269722 (5551590)	0.78	18.7	1050	14.1	10.4	<0.001	0.038	0.46	1.8	0.5	0.4	13.0	<0.01	0.06
E5269723 (5551591)	0.72	25.6	1250	18.7	10.1	<0.001	0.107	0.57	4.4	1.4	0.3	70.9	0.01	0.06
E5269724 (5551592)	0.94	16.0	952	12.6	11.9	<0.001	0.032	0.37	2.2	0.4	0.5	17.1	<0.01	0.04
E5633541 (5551593)	1.17	24.6	547	17.7	14.8	<0.001	0.010	0.56	4.2	0.4	0.6	16.9	<0.01	0.09
E5633542 (5551594)	0.96	23.3	1020	30.5	17.4	<0.001	0.042	0.47	6.1	0.6	0.6	21.6	<0.01	0.11
E5633543 (5551595)	1.47	22.9	958	15.8	18.2	<0.001	0.037	0.54	4.7	0.4	0.6	14.6	<0.01	0.09
E5633544 (5551596)	1.53	21.5	621	23.3	21.4	<0.001	0.025	0.47	4.3	0.3	0.8	20.6	<0.01	0.10
E5633545 (5551597)	1.72	21.6	933	21.5	19.8	<0.001	0.023	0.56	4.4	0.4	0.7	15.4	0.02	0.09
E5633546 (5551598)	1.48	20.3	376	17.4	10.8	<0.001	0.005	0.57	5.6	0.3	0.7	13.5	0.01	0.09
E5633547 (5551599)	0.71	30.8	746	19.6	14.7	<0.001	0.031	0.80	8.8	0.6	0.5	21.1	0.02	0.11
E5633548 (5551600)	0.71	33.0	328	13.1	9.8	<0.001	<0.005	0.43	5.3	0.5	0.4	14.9	<0.01	0.43
E5633549 (5551601)	1.00	22.2	555	16.7	12.2	<0.001	0.020	0.44	4.8	0.3	0.6	21.1	<0.01	0.20
E5633550 (5551602)	0.58	4050	627	17.3	8.7	0.009	1.64	0.17	3.1	4.4	2.4	69.4	0.01	0.53

Certified By:



# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y861104

PROJECT NO: KTL-14514-YT

5623 McADAM ROAD  
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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 25, 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)														
E5633551 (5551603)	1.63	34.6	308	12.2	9.2	<0.001	0.008	0.55	6.2	0.6	0.6	16.5	<0.01	0.18
E5633552 (5551604)	0.50	33.7	417	29.7	8.2	<0.001	0.020	1.18	11.3	0.9	0.5	21.6	<0.01	0.15
E5633553 (5551605)	0.17	44.2	917	47.5	5.5	<0.001	0.059	1.66	12.5	1.3	0.3	40.9	0.01	0.14
E5633554 (5551606)	0.64	33.9	790	33.2	7.5	<0.001	0.028	1.19	9.6	0.8	0.4	18.2	0.01	0.14
E5633555 (5551607)	1.23	29.2	722	25.0	13.2	<0.001	0.032	1.05	7.5	0.6	0.5	21.2	<0.01	0.11
E5633556 (5551608)	1.22	32.0	675	21.8	18.2	<0.001	0.034	0.51	14.8	0.7	0.7	27.6	<0.01	0.13
E5633557 (5551609)	1.05	29.6	973	27.6	14.4	<0.001	0.037	0.49	18.1	0.8	0.6	26.9	<0.01	0.10
E5633558 (5551610)	0.82	33.7	887	20.3	10.3	<0.001	0.052	0.65	21.4	1.1	0.4	28.6	0.01	0.11
E5633559 (5551611)	0.44	45.4	1140	30.7	5.8	<0.001	0.091	0.45	32.6	1.4	0.4	43.7	0.01	0.10
E5269926 (5551612)	1.24	35.7	299	56.8	11.1	<0.001	0.015	0.45	10.9	0.6	0.5	21.6	<0.01	0.08
E5269927 (5551613)	1.21	36.6	354	19.3	8.3	<0.001	0.023	0.48	7.7	0.6	0.5	27.4	<0.01	0.10
E5269928 (5551614)	1.42	27.2	308	14.7	14.6	<0.001	0.009	0.50	6.1	0.4	0.6	15.7	<0.01	0.09
E5269929 (5551615)	1.16	30.2	437	27.0	11.8	<0.001	0.016	0.51	7.5	0.5	0.6	17.7	<0.01	0.10
E5269930 (5551616)	1.12	34.5	455	23.0	11.7	<0.001	0.017	0.49	8.1	0.4	0.5	18.9	<0.01	0.10
E5269931 (5551617)	0.37	43.3	294	18.2	9.0	<0.001	0.006	0.34	12.1	0.7	0.3	23.7	<0.01	0.10
E5269932 (5551618)	0.91	34.5	577	16.1	10.7	<0.001	0.020	0.41	9.1	0.4	0.6	20.1	<0.01	0.09
E5269933 (5551619)	0.71	35.4	711	22.1	15.4	<0.001	0.062	0.45	15.5	1.1	0.4	40.7	<0.01	0.11
E5269934 (5551620)	0.91	34.6	623	29.6	12.2	<0.001	0.042	0.35	19.0	0.8	0.5	34.3	<0.01	0.11
E5269935 (5551621)	0.90	21.9	788	21.1	4.0	<0.001	0.092	0.34	16.1	1.2	0.5	39.3	0.02	0.12
E5269936 (5551622)	0.53	27.7	1050	17.4	7.7	<0.001	0.066	0.46	11.7	0.8	0.3	23.1	<0.01	0.10
E5269937 (5551623)	0.55	28.7	847	7.3	8.1	0.001	0.118	0.34	14.6	1.8	0.3	57.4	0.02	0.09
E5269938 (5551624)	0.48	37.2	1100	20.2	8.3	<0.001	0.104	0.37	24.1	1.9	0.3	49.0	0.01	0.11
E5269939 (5551625)	0.62	38.2	616	33.8	8.0	<0.001	0.050	0.40	22.4	1.1	0.4	26.1	0.01	0.17
E5269940 (5551626)	0.45	27.0	1790	31.0	7.4	<0.001	0.025	0.60	2.2	0.6	0.3	28.6	<0.01	0.13
E5269941 (5551627)	0.47	23.0	2550	32.1	12.0	<0.001	0.099	0.47	1.7	0.8	0.3	24.2	<0.01	0.08
E5269942 (5551628)	0.34	27.9	1940	41.4	11.5	<0.001	0.044	0.49	2.0	0.8	0.3	26.3	<0.01	0.08
E5269943 (5551629)	0.28	22.8	2010	28.6	8.4	<0.001	0.063	0.55	1.0	0.6	0.2	24.3	<0.01	0.09
E5269944 (5551630)	0.47	21.0	1080	21.2	5.9	<0.001	0.062	0.56	1.4	0.5	0.2	18.5	<0.01	0.07
E5269945 (5551631)	0.08	45.6	930	55.9	4.1	<0.001	0.009	1.67	4.9	0.7	<0.2	20.3	<0.01	0.09
E5269946 (5551632)	0.31	37.4	1110	40.7	4.7	<0.001	0.016	0.74	3.5	0.7	0.2	47.8	<0.01	0.07
E5269947 (5551633)	0.27	37.9	918	80.5	5.2	<0.001	0.019	0.50	2.4	0.5	<0.2	31.5	<0.01	0.09
E5269948 (5551634)	0.34	34.5	1720	52.7	8.2	<0.001	0.051	0.89	2.0	0.8	0.2	30.1	<0.01	0.09

Certified By:



# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y861104

PROJECT NO: KTL-14514-YT

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

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 25, 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)														
E5269949 (5551635)	0.54	28.8	1070	59.7	8.3	<0.001	0.025	0.59	3.2	0.7	0.3	20.9	<0.01	0.09
E5269950 (5551636)	0.77	4090	678	16.9	8.7	0.009	1.52	0.14	3.2	4.5	2.4	72.4	0.02	0.34
E5269951 (5551637)	0.40	38.9	1280	58.2	7.0	<0.001	0.021	0.50	3.0	0.7	0.2	33.3	0.01	0.15
E5269952 (5551638)	0.51	36.2	1400	53.5	6.7	<0.001	0.028	0.87	3.4	0.8	0.2	37.1	<0.01	0.11
E5269953 (5551639)	0.39	31.8	1840	81.0	8.3	<0.001	0.047	0.76	2.5	0.7	0.3	35.7	<0.01	0.11
E5269954 (5551640)	0.29	33.7	1950	49.5	7.4	<0.001	0.041	0.56	2.6	0.8	0.2	60.0	<0.01	0.09
E5269955 (5551641)	0.25	29.7	2490	43.5	5.1	<0.001	0.025	0.50	1.8	0.5	<0.2	90.8	<0.01	0.10
E5269956 (5551642)	0.44	22.8	3940	50.5	10.4	<0.001	0.091	0.48	2.0	0.7	0.2	31.9	0.01	0.10
E5269957 (5551643)	0.43	22.6	2260	42.1	7.0	<0.001	0.074	0.52	1.8	0.5	0.2	25.8	0.01	0.08
E5269958 (5551644)	0.34	34.9	1300	35.5	5.1	<0.001	0.024	0.63	5.3	0.7	<0.2	64.3	0.01	0.12
E5269959 (5551645)	0.31	27.6	1410	29.4	4.0	<0.001	0.010	0.55	5.6	0.6	<0.2	49.2	<0.01	0.09
E5543766 (5551646)	0.77	39.0	772	20.4	8.2	<0.001	0.042	0.47	25.0	1.1	0.4	24.6	0.01	0.12
E5543767 (5551647)	0.77	38.2	582	14.9	10.6	<0.001	0.012	0.40	11.0	0.6	0.5	17.3	<0.01	0.10
E5543768 (5551648)	0.96	32.4	764	17.0	13.0	<0.001	0.011	0.40	9.8	0.5	0.6	16.1	<0.01	0.10
E5543769 (5551649)	1.33	29.1	517	19.3	8.4	<0.001	0.023	0.54	5.9	0.4	0.6	17.1	0.01	0.15
E5543770 (5551650)	0.32	53.4	644	22.7	4.7	<0.001	0.024	0.18	35.4	1.0	0.3	24.0	0.02	0.12
E5543771 (5551651)	0.48	23.3	2180	12.4	4.5	<0.001	0.221	0.30	10.2	1.2	<0.2	43.3	0.05	0.11
E5543772 (5551652)	0.58	38.4	757	15.9	6.6	<0.001	0.033	0.32	18.0	0.9	0.3	26.6	0.01	0.11
E5543773 (5551653)	0.86	33.3	695	19.6	8.6	<0.001	0.029	0.48	19.7	0.8	0.4	21.5	0.01	0.09
E5543774 (5551654)	0.41	27.8	572	25.6	7.8	<0.001	0.063	0.79	9.5	0.8	0.3	24.1	0.02	0.11
E5543775 (5551655)	0.31	30.5	601	4.1	4.1	0.001	0.059	0.34	5.1	0.5	1.0	45.0	<0.01	0.05
E5543776 (5551656)	0.39	32.8	750	21.2	9.2	<0.001	0.043	0.54	9.7	0.9	0.3	22.3	<0.01	0.12
E5543777 (5551657)	0.66	26.7	401	22.2	11.3	<0.001	0.015	0.40	6.2	0.5	0.5	15.9	<0.01	0.14
E5543778 (5551658)	0.87	39.5	503	26.4	10.9	<0.001	0.022	0.55	28.7	1.3	0.5	27.4	0.01	0.13
E5543779 (5551659)	0.10	37.4	1390	30.4	4.3	<0.001	0.008	0.43	7.5	0.6	<0.2	49.4	<0.01	0.08
E5543780 (5551660)	0.18	43.3	1890	38.6	4.1	<0.001	0.030	0.71	7.8	0.9	<0.2	74.2	<0.01	0.08
E5543781 (5551661)	0.46	32.6	1460	27.4	5.6	<0.001	0.081	0.60	9.4	1.2	0.2	78.6	0.02	0.11
E5543782 (5551662)	0.29	37.2	1580	31.9	4.5	<0.001	0.038	0.52	9.8	1.0	0.2	59.7	0.01	0.09
E5543783 (5551663)	0.24	38.0	1690	28.2	4.1	<0.001	0.032	0.56	6.8	0.9	0.2	70.8	<0.01	0.08
E5543784 (5551664)	0.38	37.3	1720	33.3	4.4	<0.001	0.042	0.61	8.5	1.1	0.2	70.2	<0.01	0.10
E5543785 (5551665)	0.61	28.7	1350	23.9	4.9	<0.001	0.033	0.52	5.8	0.7	0.3	44.6	<0.01	0.07
E5543786 (5551666)	0.48	26.2	1280	28.7	7.1	<0.001	0.046	0.44	4.6	0.6	0.2	47.4	<0.01	0.08

Certified By:



**AGAT** Laboratories

# Certificate of Analysis

AGAT WORK ORDER: 14Y861104

PROJECT NO: KTL-14514-YT

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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 25, 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)														
E5543787 (5551667)	0.41	30.2	1850	50.0	6.4	<0.001	0.063	0.50	7.1	0.9	0.2	49.8	<0.01	0.05
E5543788 (5551668)	0.24	33.4	1820	33.0	4.2	<0.001	0.022	0.39	7.1	0.7	<0.2	65.3	<0.01	0.13
E5543789 (5551669)	0.33	29.8	1750	31.4	4.5	<0.001	0.055	0.40	8.8	1.1	<0.2	65.1	0.01	0.11
E5543790 (5551670)	0.31	29.8	2010	32.7	4.2	<0.001	0.051	0.48	7.1	0.9	<0.2	66.6	0.01	0.09
E5543791 (5551671)	0.26	34.3	969	36.9	4.9	<0.001	0.033	0.82	5.3	0.5	<0.2	38.6	<0.01	0.08
E5543792 (5551672)	0.17	36.6	1630	41.1	5.8	<0.001	0.039	0.80	2.7	0.7	<0.2	34.4	<0.01	0.09
E5543793 (5551673)	0.85	31.0	2220	96.6	9.2	<0.001	0.103	1.01	3.2	1.1	0.3	36.7	0.03	0.11
E5543794 (5551674)	0.66	25.7	1470	55.5	5.7	<0.001	0.069	0.85	1.9	0.6	0.2	37.6	0.02	0.11
E5543795 (5551675)	0.50	24.0	1650	49.5	7.1	<0.001	0.038	0.63	1.6	0.6	0.3	27.5	0.02	0.09
E5543796 (5551676)	0.41	25.9	2430	37.3	5.5	<0.001	0.059	0.74	1.7	0.6	0.2	57.5	0.02	0.11
E5543797 (5551677)	0.31	24.2	2050	31.4	4.3	<0.001	0.033	0.55	1.4	0.5	<0.2	57.8	<0.01	0.10
E5543798 (5551678)	0.22	38.6	1920	36.2	3.7	<0.001	0.030	0.86	4.7	0.7	<0.2	97.9	0.01	0.09

Certified By:



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## Certificate of Analysis

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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 25, 2014

SAMPLE TYPE: Soil

Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr	Ni-OL
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	0.01
Sample ID (AGAT ID)										
E5578021 (5551475)	1.0	0.030	0.08	1.06	30.0	0.14	7.18	96.3	0.9	
E5578022 (5551476)	0.6	0.023	0.08	1.17	30.6	0.12	9.32	84.9	<0.5	
E5578023 (5551477)	2.6	0.009	0.09	1.24	18.8	0.06	18.7	121	3.9	
E5578024 (5551478)	0.6	0.022	0.08	1.01	28.7	0.13	6.42	84.5	0.6	
E5578025 (5551479)	0.5	0.021	0.09	1.02	29.6	0.12	6.10	84.2	0.6	
E5578026 (5551480)	1.4	0.026	0.10	1.18	33.4	0.14	11.6	110	0.9	
E5578027 (5551481)	4.2	0.009	0.08	2.20	20.8	0.07	25.9	105	5.0	
E5578028 (5551482)	3.8	0.011	0.06	2.11	20.7	0.06	25.0	84.8	7.2	
E5578029 (5551483)	7.1	0.007	0.08	1.73	16.0	<0.05	17.5	127	8.8	
E5578030 (5551484)	8.9	0.005	0.07	2.18	15.0	<0.05	17.3	125	20.1	
E5578031 (5551485)	6.9	0.006	0.08	1.76	20.1	<0.05	23.2	104	10.4	
E5578032 (5551486)	5.2	0.012	0.09	2.45	22.0	0.05	25.2	115	11.6	
E5578033 (5551487)	1.3	0.012	0.13	2.25	29.6	0.05	8.38	100	1.5	
E5578034 (5551488)	4.2	0.006	0.08	2.80	25.0	<0.05	20.7	126	6.2	
E5578035 (5551489)	1.7	0.007	0.14	2.63	27.6	<0.05	7.55	124	1.1	
E5578036 (5551490)	1.3	0.034	0.13	0.95	38.8	0.15	5.85	62.8	1.2	
E5578037 (5551491)	2.4	0.015	0.15	1.90	30.4	0.11	14.5	160	2.2	
E5578038 (5551492)	4.2	0.014	0.10	1.99	28.5	0.10	24.7	158	4.0	
E5578039 (5551493)	5.6	<0.005	0.06	1.41	15.8	<0.05	18.1	129	4.0	
E5578040 (5551494)	5.2	0.006	0.09	3.27	22.4	<0.05	29.4	189	7.5	
E5578041 (5551495)	3.8	0.021	0.14	1.04	43.9	0.10	10.1	135	1.8	
E5578042 (5551496)	4.6	0.010	0.19	2.78	29.6	0.05	25.2	173	1.7	
E5578043 (5551497)	5.7	0.018	0.09	2.62	26.6	0.10	31.6	147	7.5	
E5578044 (5551498)	1.0	0.022	0.13	1.24	39.1	0.15	6.35	117	0.5	
E5578045 (5551499)	4.0	0.006	0.07	1.97	16.8	<0.05	15.7	136	7.6	
E5578046 (5551500)	5.1	<0.005	0.08	2.21	18.3	<0.05	21.6	147	3.2	
E5578047 (5551501)	1.3	0.021	0.10	0.55	61.3	1.36	19.8	71.6	0.9	
E5578048 (5551502)	1.3	0.018	0.41	0.54	101	0.15	79.0	85.8	2.3	
E5578049 (5551503)	1.7	0.024	0.14	0.55	55.5	0.13	38.9	69.5	1.8	
E5578050 (5551504)	1.5	0.165	0.10	0.31	50.6	1.61	5.99	81.2	2.6	
E5578051 (5551505)	3.7	0.010	0.20	0.69	29.1	0.08	26.6	77.5	6.2	
E5578052 (5551506)	4.0	0.006	0.27	0.57	39.8	<0.05	33.3	80.3	7.9	

Certified By:





# Certificate of Analysis

AGAT WORK ORDER: 14Y861104

PROJECT NO: KTL-14514-YT

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

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 25, 2014

SAMPLE TYPE: Soil

Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr	Ni-OL
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	0.01
Sample ID (AGAT ID)										
E5578053 (5551507)	3.5	0.006	0.31	0.48	26.7	<0.05	20.8	78.3	3.4	
E5578054 (5551508)	2.3	0.023	0.13	0.44	74.8	0.11	41.9	86.4	2.5	
E5578055 (5551509)	1.9	0.023	0.11	0.54	64.9	0.11	33.9	80.2	1.8	
E5578056 (5551510)	1.9	0.030	0.10	0.52	58.8	0.38	17.1	67.2	0.8	
E5578057 (5551511)	1.7	0.023	0.22	0.57	74.0	0.16	43.1	91.7	2.3	
E5578058 (5551512)	2.6	0.017	0.10	0.56	42.9	0.27	13.9	67.9	2.2	
E5578059 (5551513)	2.0	0.017	0.12	0.48	50.7	0.08	15.1	72.9	3.6	
E5543760 (5551514)	2.2	0.021	0.09	0.41	78.9	0.13	14.6	71.5	1.1	
E5543761 (5551515)	2.1	0.026	0.14	0.45	138	0.09	30.5	91.9	1.3	
E5543762 (5551516)	1.6	0.041	0.12	0.42	99.7	0.11	19.0	101	1.1	
E5543763 (5551517)	1.6	0.034	0.08	0.36	83.0	0.10	10.0	91.2	1.8	
E5543764 (5551518)	2.6	0.027	0.10	0.36	93.1	0.10	13.8	97.5	2.1	
E5543765 (5551519)	2.2	0.027	0.10	0.53	85.9	0.12	27.3	91.5	2.3	
E5578186 (5551520)	3.5	0.017	0.09	4.47	31.9	0.16	22.3	85.8	3.9	
E5578187 (5551521)	1.6	0.012	0.07	1.76	29.8	0.09	13.4	101	1.3	
E5578188 (5551522)	2.0	0.027	0.14	1.37	48.1	0.25	17.9	117	0.9	
E5578189 (5551523)	0.4	0.015	0.11	1.02	40.1	0.18	6.06	84.8	<0.5	
E5578190 (5551524)	0.5	0.018	0.10	1.17	37.1	0.15	7.01	99.1	<0.5	
E5578191 (5551525)	2.8	0.015	0.07	1.32	26.7	0.08	18.6	97.8	1.8	
E5578192 (5551526)	0.4	0.026	0.14	0.97	50.0	0.23	5.32	91.6	<0.5	
E5578193 (5551527)	0.4	0.013	0.10	1.11	35.3	0.14	6.56	79.5	<0.5	
E5578194 (5551528)	0.6	0.019	0.09	1.56	35.4	0.13	12.5	106	0.7	
E5578195 (5551529)	0.5	0.011	0.08	1.18	28.9	0.13	8.96	89.6	0.6	
E5578196 (5551530)	0.3	0.014	0.10	0.71	27.5	0.09	3.51	54.8	<0.5	
E5578197 (5551531)	1.5	0.012	0.14	1.06	27.3	0.09	9.91	98.1	1.0	
E5578198 (5551532)	1.2	0.026	0.10	1.04	32.6	0.10	7.85	117	0.5	
E5578199 (5551533)	4.8	0.005	0.10	3.59	19.8	<0.05	21.2	132	6.3	
E5578200 (5551534)	0.9	0.028	0.04	0.10	63.7	0.48	2.73	57.2	2.2	1.51
E5578201 (5551535)	4.1	0.013	0.14	3.44	26.7	0.08	20.6	131	4.6	
E5578202 (5551536)	9.1	<0.005	0.07	1.96	14.7	<0.05	15.4	128	14.8	
E5578203 (5551537)	4.3	0.009	0.17	4.66	28.5	0.05	18.6	139	5.9	
E5578204 (5551538)	5.2	<0.005	0.14	3.67	19.8	<0.05	16.2	180	5.7	

Certified By:





## Certificate of Analysis

AGAT WORK ORDER: 14Y861104

PROJECT NO: KTL-14514-YT

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

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 25, 2014

SAMPLE TYPE: Soil

Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr	Ni-OL
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	0.01
Sample ID (AGAT ID)										
E5578205 (5551539)	3.8	<0.005	0.10	2.21	21.0	<0.05	13.6	143	0.9	
E5578206 (5551540)	2.2	0.007	0.11	1.82	24.3	<0.05	11.9	126	1.3	
E5578207 (5551541)	0.6	0.019	0.17	1.81	40.7	0.10	10.1	86.8	0.7	
E5578208 (5551542)	1.5	0.007	0.13	1.44	34.9	0.06	8.36	112	0.8	
E5578209 (5551543)	2.9	0.009	0.17	2.68	31.8	0.06	25.3	129	1.7	
E5578310 (5551544)	3.1	0.014	0.14	0.86	43.1	0.11	24.6	71.2	7.4	
E5578311 (5551545)	2.6	0.014	0.13	0.72	50.3	0.20	34.9	64.8	4.3	
E5578312 (5551546)	1.9	0.010	0.12	0.88	38.0	0.08	19.8	63.4	3.2	
E5578313 (5551547)	1.6	0.022	0.14	0.52	65.4	0.12	24.8	79.7	2.0	
E5578314 (5551548)	1.7	0.022	0.08	0.47	65.2	0.09	34.0	71.5	2.3	
E5578315 (5551549)	1.7	0.016	0.10	0.53	81.5	0.54	28.8	85.5	1.2	
E5578316 (5551550)	1.8	0.017	0.14	0.49	91.2	0.08	63.6	85.4	2.6	
E5578317 (5551551)	4.6	0.006	0.08	0.45	40.6	<0.05	16.6	97.8	2.3	
E5578318 (5551552)	3.0	0.009	0.19	0.64	57.8	0.09	30.7	74.0	2.9	
E5578319 (5551553)	2.8	0.006	0.24	0.45	35.5	0.05	20.7	95.1	1.5	
E5578320 (5551554)	1.7	0.021	0.10	0.41	77.0	0.09	23.3	80.9	1.6	
E5578321 (5551555)	2.6	0.029	0.09	0.40	94.5	0.11	14.1	91.8	2.5	
E5578322 (5551556)	4.6	0.013	0.15	0.54	101	0.09	32.6	85.4	1.8	
E5578323 (5551557)	2.7	0.013	0.12	0.43	115	0.08	17.5	95.1	1.3	
E5578324 (5551558)	0.5	0.011	0.16	1.81	39.3	0.12	4.45	72.6	1.0	
E5578325 (5551559)	0.5	0.011	0.17	1.92	40.2	0.10	4.51	75.7	1.3	
E5578326 (5551560)	2.0	0.021	0.11	0.46	87.1	0.10	14.1	71.6	1.1	
E5578327 (5551561)	2.6	0.030	0.16	0.44	113	0.12	17.6	76.8	1.3	
E5578328 (5551562)	2.0	0.015	0.12	0.54	143	0.28	39.6	144	1.6	
E5578329 (5551563)	1.4	<0.005	0.11	0.97	26.5	<0.05	4.79	95.6	1.6	
E5578330 (5551564)	0.3	0.011	0.14	1.23	32.6	0.07	3.73	70.5	1.1	
E5578331 (5551565)	0.9	0.009	0.09	1.02	29.6	0.05	4.16	80.7	1.3	
E5578332 (5551566)	2.7	<0.005	0.14	1.63	25.2	<0.05	10.1	117	0.5	
E5578333 (5551567)	1.7	0.008	0.12	1.08	26.9	0.05	5.38	98.9	3.1	
E5578334 (5551568)	1.1	0.011	0.07	1.08	26.7	0.07	5.77	99.3	0.5	
E5578335 (5551569)	6.9	<0.005	0.13	1.09	19.2	<0.05	18.3	80.0	1.6	
E5578336 (5551570)	1.5	0.008	0.14	1.01	33.4	0.06	4.36	78.3	1.7	

Certified By:



# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y861104

PROJECT NO: KTL-14514-YT

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

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 25, 2014

SAMPLE TYPE: Soil

Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr	Ni-OL
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	0.01
Sample ID (AGAT ID)										
E5578337 (5551571)	2.0	0.009	0.16	1.03	31.0	0.07	7.68	86.7	1.6	
E5578338 (5551572)	3.9	0.007	0.06	1.50	22.6	0.05	25.4	103	8.3	
E5578339 (5551573)	6.3	<0.005	0.04	2.01	12.7	<0.05	11.5	45.5	17.6	
E5578340 (5551574)	5.9	<0.005	0.06	2.56	21.4	0.06	10.3	59.3	9.6	
E5578341 (5551575)	3.8	0.014	0.09	2.98	32.1	0.08	15.9	101	4.5	
E5578342 (5551576)	10.6	<0.005	0.08	1.74	17.7	<0.05	13.6	104	28.5	
E5578343 (5551577)	8.1	0.016	0.15	1.92	34.9	0.07	17.0	113	24.0	
E5269710 (5551578)	3.3	0.016	0.11	0.94	38.1	0.14	5.08	78.8	3.3	
E5269711 (5551579)	2.6	0.020	0.14	0.97	43.6	0.21	5.51	79.3	2.5	
E5269712 (5551580)	2.0	0.014	0.14	0.92	36.5	0.13	5.21	63.9	1.0	
E5269713 (5551581)	1.6	0.011	0.16	0.84	34.5	0.11	2.26	47.7	2.3	
E5269714 (5551582)	0.2	0.012	0.15	0.92	32.1	0.11	1.85	42.9	<0.5	
E5269715 (5551583)	1.5	0.016	0.12	0.85	38.3	0.12	3.48	88.8	1.8	
E5269716 (5551584)	0.9	0.021	0.14	1.10	43.0	0.18	3.98	61.8	0.8	
E5269717 (5551585)	2.9	0.008	0.11	0.92	31.2	0.07	5.47	76.8	0.9	
E5269718 (5551586)	3.6	0.011	0.09	1.21	28.4	0.08	8.95	68.1	1.4	
E5269719 (5551587)	4.3	0.009	0.07	1.13	27.3	0.05	14.6	103	5.3	
E5269720 (5551588)	3.9	0.012	0.11	1.19	30.5	0.09	12.5	84.3	3.9	
E5269721 (5551589)	5.5	0.007	0.08	1.53	29.2	0.06	15.8	85.6	3.3	
E5269722 (5551590)	1.4	0.018	0.11	0.87	36.9	0.22	3.96	69.9	<0.5	
E5269723 (5551591)	3.0	0.019	0.10	4.15	31.1	0.20	20.2	81.0	5.5	
E5269724 (5551592)	0.9	0.026	0.15	1.60	49.4	0.21	5.81	69.6	<0.5	
E5633541 (5551593)	2.5	0.019	0.11	0.42	67.1	0.12	3.68	74.9	0.6	
E5633542 (5551594)	2.4	0.021	0.11	0.50	61.1	0.11	10.2	72.3	2.0	
E5633543 (5551595)	0.9	0.039	0.09	0.40	71.3	0.19	4.99	59.3	<0.5	
E5633544 (5551596)	1.9	0.032	0.12	0.33	84.1	0.15	2.60	89.4	0.5	
E5633545 (5551597)	2.6	0.026	0.12	0.45	70.7	0.17	4.82	75.5	0.8	
E5633546 (5551598)	3.1	0.020	0.13	0.37	83.0	0.22	3.81	57.7	1.4	
E5633547 (5551599)	3.0	0.012	0.11	0.46	66.3	0.09	12.0	66.2	2.4	
E5633548 (5551600)	3.1	0.012	0.11	0.32	69.2	0.08	3.50	64.4	1.8	
E5633549 (5551601)	2.3	0.015	0.11	0.30	72.8	0.10	2.83	63.0	1.0	
E5633550 (5551602)	2.0	0.154	0.10	0.33	55.1	1.62	5.53	80.7	2.7	

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 14Y861104

PROJECT NO: KTL-14514-YT

5623 McADAM ROAD  
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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 25, 2014

SAMPLE TYPE: Soil

Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr	Ni-OL
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	0.01
Sample ID (AGAT ID)										
E5633551 (5551603)	3.2	0.029	0.14	0.44	80.4	0.20	4.47	70.7	1.5	
E5633552 (5551604)	4.2	0.007	0.18	0.49	49.4	0.09	18.7	82.8	3.5	
E5633553 (5551605)	4.0	<0.005	0.36	0.45	39.0	<0.05	19.3	108	5.2	
E5633554 (5551606)	2.6	0.018	0.11	0.55	52.8	0.09	23.6	83.8	2.2	
E5633555 (5551607)	2.2	0.028	0.14	0.60	65.3	0.17	9.39	83.4	0.8	
E5633556 (5551608)	3.1	0.027	0.18	0.40	102	0.11	11.9	85.8	1.7	
E5633557 (5551609)	3.4	0.019	0.16	0.49	78.3	0.15	19.9	70.6	1.4	
E5633558 (5551610)	2.8	0.019	0.12	0.52	79.8	0.11	31.0	75.1	2.4	
E5633559 (5551611)	1.8	0.012	0.11	0.35	134	0.07	37.6	84.3	1.5	
E5269926 (5551612)	3.6	0.018	0.14	0.45	87.7	0.13	7.18	91.4	2.5	
E5269927 (5551613)	3.5	0.017	0.10	0.41	80.2	0.14	5.18	87.7	1.8	
E5269928 (5551614)	3.1	0.022	0.13	0.36	86.8	0.21	3.53	73.0	1.0	
E5269929 (5551615)	3.1	0.017	0.14	0.35	93.2	0.11	4.16	83.8	1.3	
E5269930 (5551616)	3.4	0.016	0.13	0.41	87.9	0.14	4.74	103	1.5	
E5269931 (5551617)	3.4	0.008	0.08	0.33	88.6	<0.05	8.97	90.1	1.8	
E5269932 (5551618)	2.6	0.014	0.15	0.31	99.5	0.09	4.87	73.3	1.0	
E5269933 (5551619)	2.4	0.015	0.13	0.35	78.4	0.08	16.3	64.1	1.6	
E5269934 (5551620)	2.2	0.024	0.16	0.37	96.2	0.08	19.2	64.4	1.8	
E5269935 (5551621)	1.3	0.023	0.10	0.32	85.9	0.08	17.8	60.2	1.6	
E5269936 (5551622)	1.8	0.015	0.12	0.48	66.1	0.09	17.3	74.9	1.6	
E5269937 (5551623)	1.0	0.011	0.09	0.44	53.6	0.06	19.9	57.7	1.2	
E5269938 (5551624)	1.1	0.014	0.10	0.46	85.0	0.06	42.5	67.4	0.9	
E5269939 (5551625)	2.9	0.012	0.15	0.31	111	0.07	21.7	70.3	1.9	
E5269940 (5551626)	1.0	0.023	0.11	1.62	38.0	0.11	7.33	92.3	<0.5	
E5269941 (5551627)	0.6	0.009	0.16	2.46	34.8	0.09	14.9	96.5	0.5	
E5269942 (5551628)	0.7	0.011	0.16	2.09	39.5	0.09	12.6	105	<0.5	
E5269943 (5551629)	0.4	0.011	0.11	1.44	34.9	0.11	5.71	84.1	<0.5	
E5269944 (5551630)	0.6	0.012	0.11	1.14	27.8	0.09	5.34	79.2	<0.5	
E5269945 (5551631)	3.1	<0.005	0.16	1.75	12.6	<0.05	17.2	109	<0.5	
E5269946 (5551632)	5.0	0.019	0.10	2.09	30.1	0.06	12.1	107	0.8	
E5269947 (5551633)	2.0	0.012	0.09	1.71	27.9	0.07	10.1	114	<0.5	
E5269948 (5551634)	0.9	0.014	0.14	1.90	34.5	0.12	9.24	113	<0.5	

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## Certificate of Analysis

AGAT WORK ORDER: 14Y861104

PROJECT NO: KTL-14514-YT

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

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 25, 2014

SAMPLE TYPE: Soil

Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr	Ni-OL
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	0.01
Sample ID (AGAT ID)										
E5269949 (5551635)	1.6	0.022	0.16	1.88	39.4	0.11	9.71	98.5	<0.5	
E5269950 (5551636)	2.2	0.161	0.10	0.32	56.1	1.46	5.57	83.0	2.8	
E5269951 (5551637)	2.1	0.012	0.13	2.14	29.0	0.13	13.2	102	0.5	
E5269952 (5551638)	3.0	0.021	0.16	2.02	35.3	0.11	10.6	121	<0.5	
E5269953 (5551639)	1.2	0.016	0.15	2.20	39.2	0.10	12.0	127	<0.5	
E5269954 (5551640)	1.4	0.009	0.13	2.09	31.9	0.07	14.0	115	<0.5	
E5269955 (5551641)	1.4	0.009	0.10	1.50	30.8	0.10	12.4	91.0	<0.5	
E5269956 (5551642)	1.9	0.011	0.12	1.54	34.0	0.11	12.1	85.3	2.5	
E5269957 (5551643)	1.2	0.012	0.09	1.22	34.4	0.10	8.36	76.2	2.0	
E5269958 (5551644)	2.7	0.008	0.08	1.49	24.7	0.06	26.4	93.4	1.6	
E5269959 (5551645)	6.5	0.015	0.08	1.65	23.6	<0.05	19.7	85.3	3.7	
E5543766 (5551646)	3.4	0.020	0.12	0.67	92.9	0.11	32.7	78.4	2.2	
E5543767 (5551647)	2.5	0.022	0.10	0.43	108	0.08	7.50	81.3	<0.5	
E5543768 (5551648)	2.6	0.025	0.11	0.40	120	0.10	6.90	86.3	0.7	
E5543769 (5551649)	1.7	0.024	0.15	0.44	78.6	0.18	5.63	75.3	0.9	
E5543770 (5551650)	2.7	0.015	0.07	0.30	116	0.05	42.8	96.0	2.7	
E5543771 (5551651)	0.8	0.010	0.07	0.31	45.6	0.07	30.5	43.1	1.5	
E5543772 (5551652)	2.2	0.017	0.08	0.45	81.9	0.09	24.9	77.8	2.3	
E5543773 (5551653)	2.6	0.022	0.12	0.49	84.9	0.11	24.3	75.4	2.4	
E5543774 (5551654)	2.9	0.007	0.11	0.60	39.5	0.08	14.1	65.2	4.8	
E5543775 (5551655)	1.1	0.140	0.06	0.29	64.0	0.36	7.11	43.2	6.0	
E5543776 (5551656)	3.5	0.008	0.11	0.63	42.4	0.12	15.8	84.2	6.3	
E5543777 (5551657)	3.4	0.010	0.15	0.40	61.3	0.08	6.39	62.2	1.8	
E5543778 (5551658)	3.7	0.018	0.13	0.59	121	0.12	34.2	88.0	2.8	
E5543779 (5551659)	8.0	<0.005	0.09	1.20	14.5	0.06	20.3	106	16.1	
E5543780 (5551660)	9.4	0.005	0.10	2.05	16.1	<0.05	26.4	118	16.3	
E5543781 (5551661)	5.6	0.012	0.08	2.87	23.6	0.07	35.7	102	11.8	
E5543782 (5551662)	6.0	0.009	0.09	1.64	23.1	0.05	33.4	118	8.6	
E5543783 (5551663)	5.7	0.007	0.09	1.52	24.3	0.05	26.6	123	8.3	
E5543784 (5551664)	6.5	0.010	0.11	2.05	27.2	0.06	33.1	116	14.2	
E5543785 (5551665)	5.6	0.015	0.10	1.62	28.5	0.22	19.8	85.1	9.9	
E5543786 (5551666)	3.8	0.010	0.09	1.17	27.5	0.10	17.0	87.1	6.6	

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AGAT WORK ORDER: 14Y861104

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<http://www.agatlabs.com>

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 25, 2014

SAMPLE TYPE: Soil

Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr	Ni-OL
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	0.01
Sample ID (AGAT ID)										
E5543787 (5551667)	4.8	0.011	0.13	1.40	27.9	0.08	30.9	102	9.5	
E5543788 (5551668)	5.1	0.007	0.09	1.14	24.2	0.08	29.1	114	4.1	
E5543789 (5551669)	5.7	0.008	0.07	1.41	24.0	<0.05	35.8	105	15.6	
E5543790 (5551670)	4.0	0.009	0.07	1.44	23.8	0.05	37.6	106	10.3	
E5543791 (5551671)	3.6	0.005	0.08	1.02	18.7	<0.05	11.3	128	4.6	
E5543792 (5551672)	1.2	<0.005	0.09	2.12	20.4	<0.05	20.9	112	0.9	
E5543793 (5551673)	1.8	0.019	0.22	2.19	38.2	0.14	18.7	97.3	1.9	
E5543794 (5551674)	1.5	0.015	0.17	1.68	33.7	0.13	7.60	78.3	3.2	
E5543795 (5551675)	1.1	0.013	0.11	1.54	35.0	0.11	7.44	85.8	2.2	
E5543796 (5551676)	1.6	0.010	0.10	1.68	31.0	0.11	10.4	77.8	3.7	
E5543797 (5551677)	1.6	0.011	0.06	1.10	27.4	0.10	9.15	73.1	2.9	
E5543798 (5551678)	3.6	0.006	0.07	1.60	21.1	0.05	24.1	86.6	3.5	

Comments: RDL - Reported Detection Limit

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## Certificate of Analysis

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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 25, 2014

SAMPLE TYPE: Soil

Analyte:	Au
Unit:	ppm
RDL:	0.001

Sample ID (AGAT ID)	
E5578021 (5551475)	0.005
E5578022 (5551476)	0.008
E5578023 (5551477)	0.038
E5578024 (5551478)	0.004
E5578025 (5551479)	0.004
E5578026 (5551480)	0.011
E5578027 (5551481)	0.005
E5578028 (5551482)	0.006
E5578029 (5551483)	0.004
E5578030 (5551484)	0.004
E5578031 (5551485)	0.018
E5578032 (5551486)	0.036
E5578033 (5551487)	0.003
E5578034 (5551488)	0.013
E5578035 (5551489)	0.006
E5578036 (5551490)	0.005
E5578037 (5551491)	0.004
E5578038 (5551492)	0.013
E5578039 (5551493)	0.003
E5578040 (5551494)	0.008
E5578041 (5551495)	0.006
E5578042 (5551496)	0.005
E5578043 (5551497)	0.005
E5578044 (5551498)	0.003
E5578045 (5551499)	0.003
E5578046 (5551500)	0.002
E5578047 (5551501)	0.009
E5578048 (5551502)	0.075
E5578049 (5551503)	0.006
E5578050 (5551504)	0.071
E5578051 (5551505)	0.006
E5578052 (5551506)	0.005

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## Certificate of Analysis

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<http://www.agatlabs.com>

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 25, 2014

SAMPLE TYPE: Soil

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

E5578053 (5551507)	0.006
E5578054 (5551508)	0.008
E5578055 (5551509)	0.062
E5578056 (5551510)	0.021
E5578057 (5551511)	0.011
E5578058 (5551512)	0.008
E5578059 (5551513)	0.007
E5543760 (5551514)	0.018
E5543761 (5551515)	0.006
E5543762 (5551516)	0.006
E5543763 (5551517)	0.006
E5543764 (5551518)	0.009
E5543765 (5551519)	0.012
E5578186 (5551520)	0.003
E5578187 (5551521)	0.003
E5578188 (5551522)	0.004
E5578189 (5551523)	0.003
E5578190 (5551524)	0.003
E5578191 (5551525)	0.002
E5578192 (5551526)	0.003
E5578193 (5551527)	0.005
E5578194 (5551528)	0.009
E5578195 (5551529)	0.006
E5578196 (5551530)	0.004
E5578197 (5551531)	0.003
E5578198 (5551532)	0.003
E5578199 (5551533)	0.005
E5578200 (5551534)	0.048
E5578201 (5551535)	0.004
E5578202 (5551536)	0.002
E5578203 (5551537)	0.007
E5578204 (5551538)	0.003

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## Certificate of Analysis

AGAT WORK ORDER: 14Y861104

PROJECT NO: KTL-14514-YT

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CANADA L4Z 1N9  
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<http://www.agatlabs.com>

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 25, 2014

SAMPLE TYPE: Soil

Analyte:	Au
Unit:	ppm
RDL:	0.001

Sample ID (AGAT ID)	
E5578205 (5551539)	0.014
E5578206 (5551540)	0.006
E5578207 (5551541)	0.003
E5578208 (5551542)	0.003
E5578209 (5551543)	0.004
E5578310 (5551544)	0.006
E5578311 (5551545)	0.013
E5578312 (5551546)	0.073
E5578313 (5551547)	0.008
E5578314 (5551548)	0.050
E5578315 (5551549)	0.019
E5578316 (5551550)	0.022
E5578317 (5551551)	0.009
E5578318 (5551552)	0.021
E5578319 (5551553)	0.005
E5578320 (5551554)	0.057
E5578321 (5551555)	0.004
E5578322 (5551556)	0.031
E5578323 (5551557)	0.005
E5578324 (5551558)	0.002
E5578325 (5551559)	0.007
E5578326 (5551560)	0.010
E5578327 (5551561)	0.005
E5578328 (5551562)	0.014
E5578329 (5551563)	0.002
E5578330 (5551564)	0.004
E5578331 (5551565)	0.005
E5578332 (5551566)	0.001
E5578333 (5551567)	0.003
E5578334 (5551568)	0.002
E5578335 (5551569)	0.001
E5578336 (5551570)	0.005

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## Certificate of Analysis

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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 25, 2014

SAMPLE TYPE: Soil

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

E5578337 (5551571)	0.003
E5578338 (5551572)	0.003
E5578339 (5551573)	0.008
E5578340 (5551574)	0.006
E5578341 (5551575)	0.028
E5578342 (5551576)	0.012
E5578343 (5551577)	0.013
E5269710 (5551578)	0.015
E5269711 (5551579)	0.003
E5269712 (5551580)	0.003
E5269713 (5551581)	0.001
E5269714 (5551582)	0.008
E5269715 (5551583)	0.016
E5269716 (5551584)	0.002
E5269717 (5551585)	0.002
E5269718 (5551586)	0.003
E5269719 (5551587)	0.003
E5269720 (5551588)	0.002
E5269721 (5551589)	0.003
E5269722 (5551590)	0.003
E5269723 (5551591)	0.004
E5269724 (5551592)	0.002
E5633541 (5551593)	0.002
E5633542 (5551594)	0.007
E5633543 (5551595)	0.002
E5633544 (5551596)	0.003
E5633545 (5551597)	0.003
E5633546 (5551598)	0.002
E5633547 (5551599)	0.002
E5633548 (5551600)	0.002
E5633549 (5551601)	0.002
E5633550 (5551602)	0.108

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## Certificate of Analysis

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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 25, 2014

SAMPLE TYPE: Soil

Analyte:	Au
Unit:	ppm
RDL:	0.001

Sample ID (AGAT ID)	
E5633551 (5551603)	0.003
E5633552 (5551604)	0.005
E5633553 (5551605)	0.006
E5633554 (5551606)	0.005
E5633555 (5551607)	0.002
E5633556 (5551608)	0.003
E5633557 (5551609)	0.008
E5633558 (5551610)	0.019
E5633559 (5551611)	0.026
E5269926 (5551612)	0.003
E5269927 (5551613)	0.018
E5269928 (5551614)	0.002
E5269929 (5551615)	0.002
E5269930 (5551616)	0.002
E5269931 (5551617)	0.003
E5269932 (5551618)	0.003
E5269933 (5551619)	0.012
E5269934 (5551620)	0.311
E5269935 (5551621)	0.010
E5269936 (5551622)	0.029
E5269937 (5551623)	0.020
E5269938 (5551624)	0.040
E5269939 (5551625)	0.011
E5269940 (5551626)	0.028
E5269941 (5551627)	0.003
E5269942 (5551628)	0.003
E5269943 (5551629)	0.003
E5269944 (5551630)	0.002
E5269945 (5551631)	0.003
E5269946 (5551632)	0.006
E5269947 (5551633)	0.003
E5269948 (5551634)	0.004

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## Certificate of Analysis

AGAT WORK ORDER: 14Y861104

PROJECT NO: KTL-14514-YT

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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 25, 2014

SAMPLE TYPE: Soil

Analyte:	Au
Unit:	ppm
RDL:	0.001

Sample ID (AGAT ID)	
E5269949 (5551635)	0.003
E5269950 (5551636)	0.070
E5269951 (5551637)	0.002
E5269952 (5551638)	0.002
E5269953 (5551639)	0.003
E5269954 (5551640)	0.002
E5269955 (5551641)	0.002
E5269956 (5551642)	0.002
E5269957 (5551643)	0.003
E5269958 (5551644)	0.005
E5269959 (5551645)	0.005
E5543766 (5551646)	0.014
E5543767 (5551647)	0.006
E5543768 (5551648)	0.004
E5543769 (5551649)	0.005
E5543770 (5551650)	0.032
E5543771 (5551651)	0.028
E5543772 (5551652)	0.042
E5543773 (5551653)	0.006
E5543774 (5551654)	0.007
E5543775 (5551655)	0.005
E5543776 (5551656)	0.007
E5543777 (5551657)	0.015
E5543778 (5551658)	0.011
E5543779 (5551659)	0.003
E5543780 (5551660)	0.004
E5543781 (5551661)	0.005
E5543782 (5551662)	0.003
E5543783 (5551663)	0.003
E5543784 (5551664)	0.003
E5543785 (5551665)	0.003
E5543786 (5551666)	0.004

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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 09, 2014

DATE RECEIVED: Jul 08, 2014

DATE REPORTED: Jul 25, 2014

SAMPLE TYPE: Soil

	Analyte:	Au
	Unit:	ppm
Sample ID (AGAT ID)	RDL:	0.001
E5543787 (5551667)		0.004
E5543788 (5551668)		0.003
E5543789 (5551669)		0.032
E5543790 (5551670)		0.033
E5543791 (5551671)		0.005
E5543792 (5551672)		0.003
E5543793 (5551673)		0.005
E5543794 (5551674)		0.005
E5543795 (5551675)		0.018
E5543796 (5551676)		0.003
E5543797 (5551677)		0.004
E5543798 (5551678)		0.004

Comments: RDL - Reported Detection Limit

Certified By:



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### (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	5551475	0.121	0.140	14.6%	5551494	0.37	0.42	12.7%	5551517	0.158	0.176	10.8%	5551526	0.07	0.05	
Al	5551526	1.82	1.80	1.1%	5551546	1.33	1.35	1.5%	5551575	1.36	1.38	1.5%	5551594	1.83	1.89	3.2%
As	5551475	13.5	14.5	7.1%	5551494	28.3	27.7	2.1%	5551517	5.6	6.0	6.9%	5551526	13.9	13.2	5.2%
B	5551475	< 5	< 5	0.0%	5551494	< 5	< 5	0.0%	5551517	< 5	< 5	0.0%	5551526	< 5	< 5	0.0%
Ba	5551526	76	75	1.3%	5551546	278	276	0.7%	5551575	83	86	3.6%	5551594	393	400	1.8%
Be	5551475	0.525	0.537	2.3%	5551494	1.44	1.39	3.5%	5551517	1.08	1.05	2.8%	5551526	0.499	0.491	1.6%
Bi	5551475	0.29	0.29	0.0%	5551494	0.609	0.626	2.8%	5551517	0.27	0.27	0.0%	5551526	0.333	0.342	2.7%
Ca	5551526	0.06	0.06	0.0%	5551546	1.28	1.29	0.8%	5551575	1.01	1.03	2.0%	5551594	0.571	0.577	1.0%
Cd	5551475	0.271	0.277	2.2%	5551494	0.147	0.143	2.8%	5551517	0.809	0.800	1.1%	5551526	0.21	0.22	4.7%
Ce	5551475	27.4	27.5	0.4%	5551494	29.2	29.8	2.0%	5551517	33.0	33.2	0.6%	5551526	26.5	25.9	2.3%
Co	5551475	13.9	13.9	0.0%	5551494	30.4	30.5	0.3%	5551517	49.5	50.8	2.6%	5551526	8.33	8.56	2.7%
Cr	5551526	26.0	25.4	2.3%	5551546	18.7	19.1	2.1%	5551575	25.9	26.5	2.3%	5551594	24.7	24.5	0.8%
Cs	5551475	1.31	1.29	1.5%	5551494	4.90	4.94	0.8%	5551517	1.61	1.69	4.8%	5551526	1.76	1.71	2.9%
Cu	5551526	17.6	17.8	1.1%	5551546	72.8	73.0	0.3%	5551575	38.3	39.5	3.1%	5551594	69.1	70.4	1.9%
Fe	5551526	3.85	3.82	0.8%	5551546	4.15	4.18	0.7%	5551575	2.56	2.61	1.9%	5551594	4.85	4.91	1.2%
Ga	5551475	3.13	3.22	2.8%	5551494	3.75	3.68	1.9%	5551517	7.95	8.33	4.7%	5551526	5.87	5.88	0.2%
Ge	5551475	< 0.05	< 0.05	0.0%	5551494	< 0.05	< 0.05	0.0%	5551517	< 0.05	< 0.05	0.0%	5551526	< 0.05	< 0.05	0.0%
Hf	5551475	0.09	0.04		5551494	0.218	0.226	3.6%	5551517	0.09	0.09	0.0%	5551526	0.04	0.04	0.0%
Hg	5551475	0.04	0.04	0.0%	5551494	0.098	0.090	8.5%	5551517	0.043	0.047	8.9%	5551526	0.04	0.03	28.6%
In	5551475	0.033	0.033	0.0%	5551494	0.0644	0.0615	4.6%	5551517	0.0625	0.0632	1.1%	5551526	0.032	0.032	0.0%
K	5551526	0.05	0.05	0.0%	5551546	0.094	0.097	3.1%	5551575	0.05	0.05	0.0%	5551594	0.109	0.117	7.1%
La	5551475	8.7	8.8	1.1%	5551494	10.6	10.8	1.9%	5551517	10.5	10.9	3.7%	5551526	9.37	9.09	3.0%
Li	5551475	20.2	20.0	1.0%	5551494	36.9	36.9	0.0%	5551517	19.0	19.1	0.5%	5551526	22.3	22.7	1.8%
Mg	5551526	0.31	0.31	0.0%	5551546	0.60	0.60	0.0%	5551575	1.11	1.15	3.5%	5551594	0.512	0.527	2.9%
Mn	5551526	325	329	1.2%	5551546	978	987	0.9%	5551575	423	442	4.4%	5551594	1990	2000	0.5%
Mo	5551475	1.15	1.20	4.3%	5551494	0.89	0.87	2.3%	5551517	1.08	1.10	1.8%	5551526	1.41	1.44	2.1%
Na	5551526	< 0.01	< 0.01	0.0%	5551546	< 0.01	< 0.01	0.0%	5551575	< 0.01	< 0.01	0.0%	5551594	< 0.01	< 0.01	0.0%
Nb	5551475	0.76	0.71	6.8%	5551494	0.258	0.235	9.3%	5551517	0.853	0.868	1.7%	5551526	0.96	0.97	1.0%
Ni	5551475	30.0	29.7	1.0%	5551494	55.5	54.9	1.1%	5551517	33.2	33.7	1.5%	5551526	20.0	20.1	0.5%
P	5551526	683	763	11.1%	5551546	1540	1520	1.3%	5551575	649	669	3.0%	5551594	1020	987	3.3%
Pb	5551475	39.2	33.7	15.1%	5551494	69.0	60.7	12.8%	5551517	22.1	23.5	6.1%	5551526	20.5	20.5	0.0%



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Rb	5551475	5.23	5.42	3.6%	5551494	6.66	6.40	4.0%	5551517	14.7	15.4	4.7%	5551526	9.47	9.40	0.7%
Re	5551475	< 0.001	< 0.001	0.0%	5551494	< 0.001	< 0.001	0.0%	5551517	< 0.001	< 0.001	0.0%	5551526	< 0.001	< 0.001	0.0%
S	5551526	0.0294	0.0346	16.3%	5551546	0.131	0.130	0.8%	5551575	0.049	0.049	0.0%	5551594	0.0418	0.0405	3.2%
Sb	5551475	0.684	0.704	2.9%	5551494	0.49	0.49	0.0%	5551517	0.45	0.45	0.0%	5551526	0.60	0.66	9.5%
Sc	5551475	2.04	2.07	1.5%	5551494	8.65	9.02	4.2%	5551517	11.3	11.2	0.9%	5551526	1.28	1.24	3.2%
Se	5551475	0.62	0.53	15.7%	5551494	1.3	1.3	0.0%	5551517	0.6	0.6	0.0%	5551526	0.65	0.64	1.6%
Sn	5551475	0.3	0.3	0.0%	5551494	0.3	0.3	0.0%	5551517	0.43	0.45	4.5%	5551526	0.5	0.5	0.0%
Sr	5551526	14.7	14.5	1.4%	5551546	28.8	29.2	1.4%	5551575	39.8	41.3	3.7%	5551594	21.6	22.1	2.3%
Ta	5551475	0.01	< 0.01		5551494	< 0.01	< 0.01	0.0%	5551517	0.01	0.01	0.0%	5551526	0.01	0.01	0.0%
Te	5551475	0.13	0.09		5551494	0.153	0.169	9.9%	5551517	0.11	0.11	0.0%	5551526	0.07	0.06	15.4%
Th	5551475	1.0	0.9	10.5%	5551494	5.2	5.6	7.4%	5551517	1.6	1.6	0.0%	5551526	0.39	0.31	22.9%
Ti	5551526	0.026	0.025	3.9%	5551546	0.010	0.010	0.0%	5551575	0.014	0.014	0.0%	5551594	0.021	0.022	4.7%
Tl	5551475	0.076	0.074	2.7%	5551494	0.09	0.09	0.0%	5551517	0.08	0.08	0.0%	5551526	0.138	0.135	2.2%
U	5551475	1.06	1.06	0.0%	5551494	3.27	3.37	3.0%	5551517	0.36	0.36	0.0%	5551526	0.97	0.98	1.0%
V	5551526	50.0	49.1	1.8%	5551546	38.0	38.5	1.3%	5551575	32.1	32.7	1.9%	5551594	61.1	60.9	0.3%
W	5551475	0.14	0.16	13.3%	5551494	< 0.05	0.07		5551517	0.101	0.093	8.2%	5551526	0.228	0.236	3.4%
Y	5551475	7.18	7.46	3.8%	5551494	29.4	28.8	2.1%	5551517	10.0	10.3	3.0%	5551526	5.32	5.33	0.2%
Zn	5551526	91.6	90.9	0.8%	5551546	63.4	63.9	0.8%	5551575	101	105	3.9%	5551594	72.3	70.1	3.1%
Zr	5551475	0.9	0.6		5551494	7.5	7.6	1.3%	5551517	1.8	1.8	0.0%	5551526	< 0.5	< 0.5	0.0%

	REPLICATE #5				REPLICATE #6				REPLICATE #7				REPLICATE #8			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	5551546	0.170	0.163	4.2%	5551575	0.12	0.11	8.7%	5551594	0.17	0.18	5.7%	5551606	0.131	0.161	20.5%
Al	5551606	1.63	1.63	0.0%	5551626	1.52	1.50	1.3%	5551648	3.01	3.10	2.9%	5551660	0.85	0.85	0.0%
As	5551546	16.2	16.8	3.6%	5551575	11.5	11.2	2.6%	5551594	8.0	8.3	3.7%	5551606	22.2	22.3	0.4%
B	5551546	< 5	< 5	0.0%	5551575	< 5	< 5	0.0%	5551594	< 5	< 5	0.0%	5551606	< 5	< 5	0.0%
Ba	5551606	161	161	0.0%	5551626	54	55	1.8%	5551648	128	132	3.1%	5551660	52	52	0.0%
Be	5551546	1.05	1.00	4.9%	5551575	0.63	0.59	6.6%	5551594	1.26	1.24	1.6%	5551606	0.84	0.84	0.0%
Bi	5551546	0.26	0.26	0.0%	5551575	0.21	0.20	4.9%	5551594	0.31	0.31	0.0%	5551606	0.262	0.268	2.3%
Ca	5551606	0.23	0.23	0.0%	5551626	0.13	0.13	0.0%	5551648	0.05	0.05	0.0%	5551660	0.93	0.90	3.3%
Cd	5551546	0.37	0.37	0.0%	5551575	0.476	0.465	2.3%	5551594	0.58	0.58	0.0%	5551606	0.329	0.311	5.6%
Ce	5551546	16.2	16.1	0.6%	5551575	53.2	50.8	4.6%	5551594	22.7	23.6	3.9%	5551606	34.5	35.8	3.7%
Co	5551546	16.2	15.7	3.1%	5551575	12.2	11.6	5.0%	5551594	27.7	28.6	3.2%	5551606	23.1	23.0	0.4%
Cr	5551606	26.7	24.9	7.0%	5551626	24.2	23.6	2.5%	5551648	45.7	46.4	1.5%	5551660	10.6	10.8	1.9%
Cs	5551546	2.02	2.07	2.4%	5551575	0.500	0.465	7.3%	5551594	4.83	5.44	11.9%	5551606	2.39	2.50	4.5%



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Cu	5551606	91.2	89.1	2.3%	5551626	33.7	33.8	0.3%	5551648	115	119	3.4%	5551660	45.2	44.9	0.7%
Fe	5551606	4.84	4.84	0.0%	5551626	3.95	3.86	2.3%	5551648	6.74	6.91	2.5%	5551660	5.29	5.15	2.7%
Ga	5551546	3.71	3.67	1.1%	5551575	4.10	4.02	2.0%	5551594	6.28	6.50	3.4%	5551606	4.67	4.63	0.9%
Ge	5551546	< 0.05	< 0.05	0.0%	5551575	< 0.05	< 0.05	0.0%	5551594	< 0.05	< 0.05	0.0%	5551606	< 0.05	< 0.05	0.0%
Hf	5551546	0.15	0.14	6.9%	5551575	0.158	0.134	16.4%	5551594	0.07	0.07	0.0%	5551606	0.14	0.10	
Hg	5551546	0.07	0.07	0.0%	5551575	0.05	0.04	22.2%	5551594	0.04	0.04	0.0%	5551606	0.07	0.07	0.0%
In	5551546	0.0421	0.0401	4.9%	5551575	0.031	0.030	3.3%	5551594	0.0420	0.0428	1.9%	5551606	0.0392	0.0364	7.4%
K	5551606	0.09	0.09	0.0%	5551626	0.06	0.06	0.0%	5551648	0.06	0.06	0.0%	5551660	0.06	0.06	0.0%
La	5551546	8.0	8.0	0.0%	5551575	26.7	25.5	4.6%	5551594	9.0	9.5	5.4%	5551606	14.4	14.9	3.4%
Li	5551546	10.1	9.7	4.0%	5551575	29.5	27.7	6.3%	5551594	14.5	15.6	7.3%	5551606	14.5	14.6	0.7%
Mg	5551606	0.80	0.79	1.3%	5551626	0.52	0.52	0.0%	5551648	1.35	1.40	3.6%	5551660	0.235	0.232	1.3%
Mn	5551606	1010	1000	1.0%	5551626	1540	1520	1.3%	5551648	1670	1700	1.8%	5551660	1310	1310	0.0%
Mo	5551546	1.07	1.05	1.9%	5551575	0.82	0.77	6.3%	5551594	1.19	1.20	0.8%	5551606	1.80	1.67	7.5%
Na	5551606	< 0.01	< 0.01	0.0%	5551626	< 0.01	< 0.01	0.0%	5551648	< 0.01	< 0.01	0.0%	5551660	< 0.01	< 0.01	0.0%
Nb	5551546	0.545	0.524	3.9%	5551575	0.47	0.47	0.0%	5551594	0.96	0.97	1.0%	5551606	0.641	0.604	5.9%
Ni	5551546	22.9	22.3	2.7%	5551575	29.6	29.1	1.7%	5551594	23.3	23.7	1.7%	5551606	33.9	32.9	3.0%
P	5551606	790	769	2.7%	5551626	1790	1680	6.3%	5551648	764	780	2.1%	5551660	1890	1860	1.6%
Pb	5551546	22.0	21.7	1.4%	5551575	18.4	17.3	6.2%	5551594	30.5	30.7	0.7%	5551606	33.2	33.3	0.3%
Rb	5551546	8.0	8.0	0.0%	5551575	5.46	5.20	4.9%	5551594	17.4	18.5	6.1%	5551606	7.47	7.44	0.4%
Re	5551546	< 0.001	< 0.001	0.0%	5551575	< 0.001	< 0.001	0.0%	5551594	< 0.001	< 0.001	0.0%	5551606	< 0.001	< 0.001	0.0%
S	5551606	0.028	0.030	6.9%	5551626	0.0253	0.0278	9.4%	5551648	0.011	0.011	0.0%	5551660	0.0301	0.0275	9.0%
Sb	5551546	0.65	0.65	0.0%	5551575	0.36	0.34	5.7%	5551594	0.469	0.485	3.4%	5551606	1.19	1.17	1.7%
Sc	5551546	9.0	8.8	2.2%	5551575	4.5	4.3	4.5%	5551594	6.12	6.41	4.6%	5551606	9.63	10.0	3.8%
Se	5551546	1.05	0.98	6.9%	5551575	0.8	0.8	0.0%	5551594	0.6	0.6	0.0%	5551606	0.8	0.9	11.8%
Sn	5551546	0.3	0.3	0.0%	5551575	0.2	0.2	0.0%	5551594	0.6	0.6	0.0%	5551606	0.4	0.4	0.0%
Sr	5551606	18.2	18.4	1.1%	5551626	28.6	28.5	0.4%	5551648	16.1	17.7	9.5%	5551660	74.2	72.6	2.2%
Ta	5551546	0.015	0.013	14.3%	5551575	< 0.01	< 0.01	0.0%	5551594	< 0.01	< 0.01	0.0%	5551606	0.01	< 0.01	
Te	5551546	0.107	0.091	16.2%	5551575	0.037	0.032	14.5%	5551594	0.11	0.11	0.0%	5551606	0.14	0.12	15.4%
Th	5551546	1.86	1.72	7.8%	5551575	3.8	2.9	26.9%	5551594	2.4	2.4	0.0%	5551606	2.6	2.7	3.8%
Ti	5551606	0.018	0.018	0.0%	5551626	0.023	0.022	4.4%	5551648	0.0254	0.0268	5.4%	5551660	0.005	0.005	0.0%
Tl	5551546	0.12	0.12	0.0%	5551575	0.088	0.084	4.7%	5551594	0.11	0.11	0.0%	5551606	0.11	0.11	0.0%
U	5551546	0.88	0.88	0.0%	5551575	2.98	2.81	5.9%	5551594	0.50	0.51	2.0%	5551606	0.555	0.559	0.7%
V	5551606	52.8	51.8	1.9%	5551626	38.0	37.6	1.1%	5551648	120	123	2.5%	5551660	16.1	16.0	0.6%
W	5551546	0.08	0.08	0.0%	5551575	0.082	0.086	4.8%	5551594	0.11	0.11	0.0%	5551606	0.09	0.10	10.5%



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Y	5551546	19.8	19.5	1.5%	5551575	15.9	15.4	3.2%	5551594	10.2	10.3	1.0%	5551606	23.6	23.0	2.6%
Zn	5551606	83.8	83.0	1.0%	5551626	92.3	90.8	1.6%	5551648	86.3	87.8	1.7%	5551660	118	117	0.9%
Zr	5551546	3.15	2.90	8.3%	5551575	4.5	3.8	16.9%	5551594	2.0	1.8	10.5%	5551606	2.18	1.79	19.6%
REPLICATE #9				REPLICATE #10				REPLICATE #11				REPLICATE #12				
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	5551626	0.094	0.097	3.1%	5551648	0.14	0.14	0.0%	5551660	0.42	0.42	0.0%	5551678	0.164	0.176	7.1%
Al	5551678	1.48	1.44	2.7%												
As	5551626	16.0	15.6	2.5%	5551648	5.84	5.88	0.7%	5551660	13.2	12.8	3.1%	5551678	21.6	21.9	1.4%
B	5551626	< 5	< 5	0.0%	5551648	< 5	< 5	0.0%	5551660	< 5	< 5	0.0%	5551678	< 5	< 5	0.0%
Ba	5551678	67	66	1.5%												
Be	5551626	0.524	0.484	7.9%	5551648	0.913	0.917	0.4%	5551660	0.87	0.81	7.1%	5551678	0.918	0.913	0.5%
Bi	5551626	0.313	0.293	6.6%	5551648	0.26	0.26	0.0%	5551660	0.368	0.352	4.4%	5551678	0.393	0.396	0.8%
Ca	5551678	0.78	0.77	1.3%												
Cd	5551626	0.18	0.18	0.0%	5551648	0.45	0.46	2.2%	5551660	0.256	0.252	1.6%	5551678	0.122	0.112	8.5%
Ce	5551626	31.2	28.8	8.0%	5551648	35.8	36.6	2.2%	5551660	43.3	43.0	0.7%	5551678	51.6	52.6	1.9%
Co	5551626	21.0	20.1	4.4%	5551648	30.8	32.0	3.8%	5551660	25.2	24.1	4.5%	5551678	26.0	26.4	1.5%
Cr	5551678	17.6	18.4	4.4%												
Cs	5551626	1.69	1.53	9.9%	5551648	2.12	2.26	6.4%	5551660	2.12	2.14	0.9%	5551678	1.39	1.43	2.8%
Cu	5551678	44.4	43.5	2.0%												
Fe	5551678	4.42	4.29	3.0%												
Ga	5551626	4.30	4.14	3.8%	5551648	9.86	10.2	3.4%	5551660	2.06	2.06	0.0%	5551678	3.73	3.82	2.4%
Ge	5551626	< 0.05	< 0.05	0.0%	5551648	< 0.05	< 0.05	0.0%	5551660	< 0.05	< 0.05	0.0%	5551678	< 0.05	< 0.05	0.0%
Hf	5551626	0.020	0.015	28.6%	5551648	0.04	0.04	0.0%	5551660	0.32	0.29	9.8%	5551678	0.147	0.138	6.3%
Hg	5551626	0.08	0.03		5551648	0.04	0.03	28.6%	5551660	0.118	0.103	13.6%	5551678	0.049	0.042	15.4%
In	5551626	0.0241	0.0250	3.7%	5551648	0.066	0.067	1.5%	5551660	0.039	0.039	0.0%	5551678	0.024	0.024	0.0%
K	5551678	0.04	0.04	0.0%												
La	5551626	10.4	9.61	7.9%	5551648	13.3	13.8	3.7%	5551660	17.2	17.1	0.6%	5551678	24.7	25.0	1.2%
Li	5551626	27.7	26.1	5.9%	5551648	29.3	30.3	3.4%	5551660	17.8	17.3	2.8%	5551678	34.9	34.9	0.0%
Mg	5551678	0.668	0.652	2.4%												
Mn	5551678	1070	1060	0.9%												
Mo	5551626	1.19	1.14	4.3%	5551648	0.954	0.980	2.7%	5551660	1.67	1.65	1.2%	5551678	0.85	0.85	0.0%
Na	5551678	< 0.01	< 0.01	0.0%												
Nb	5551626	0.45	0.41	9.3%	5551648	0.96	0.97	1.0%	5551660	0.180	0.164	9.3%	5551678	0.215	0.210	2.4%
Ni	5551626	27.0	26.4	2.2%	5551648	32.4	32.3	0.3%	5551660	43.3	42.3	2.3%	5551678	37.1	37.6	1.3%





CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

P	5551678	1920	2040	6.1%												
Pb	5551626	31.0	28.9	7.0%	5551648	17.0	16.9	0.6%	5551660	38.6	37.5	2.9%	5551678	36.2	36.0	0.6%
Rb	5551626	7.4	7.2	2.7%	5551648	13.0	13.7	5.2%	5551660	4.09	4.03	1.5%	5551678	3.71	3.79	2.1%
Re	5551626	< 0.001	< 0.001	0.0%	5551648	< 0.001	< 0.001	0.0%	5551660	< 0.001	< 0.001	0.0%	5551678	< 0.001	< 0.001	0.0%
S	5551678	0.030	0.033	9.5%												
Sb	5551626	0.596	0.554	7.3%	5551648	0.40	0.40	0.0%	5551660	0.71	0.67	5.8%	5551678	0.859	0.850	1.1%
Sc	5551626	2.21	1.71	25.5%	5551648	9.8	9.8	0.0%	5551660	7.8	7.6	2.6%	5551678	4.7	5.0	6.2%
Se	5551626	0.58	0.52	10.9%	5551648	0.5	0.5	0.0%	5551660	0.9	0.9	0.0%	5551678	0.68	0.65	4.5%
Sn	5551626	0.28	0.24	15.4%	5551648	0.6	0.6	0.0%	5551660	< 0.2	< 0.2	0.0%	5551678	< 0.2	0.2	
Sr	5551678	97.9	97.6	0.3%												
Ta	5551626	< 0.01	< 0.01	0.0%	5551648	< 0.01	< 0.01	0.0%	5551660	< 0.01	< 0.01	0.0%	5551678	0.01	0.01	0.0%
Te	5551626	0.129	0.103	22.4%	5551648	0.10	0.10	0.0%	5551660	0.08	0.09	11.8%	5551678	0.093	0.101	8.2%
Th	5551626	1.0	0.8	22.2%	5551648	2.6	2.5	3.9%	5551660	9.4	9.0	4.3%	5551678	3.59	3.96	9.8%
Ti	5551678	0.006	0.006	0.0%												
Tl	5551626	0.11	0.10	9.5%	5551648	0.11	0.11	0.0%	5551660	0.10	0.10	0.0%	5551678	0.066	0.064	3.1%
U	5551626	1.62	1.51	7.0%	5551648	0.40	0.40	0.0%	5551660	2.05	2.01	2.0%	5551678	1.60	1.61	0.6%
V	5551678	21.1	20.7	1.9%												
W	5551626	0.113	0.123	8.5%	5551648	0.10	0.09	10.5%	5551660	< 0.05	< 0.05	0.0%	5551678	0.05	0.05	0.0%
Y	5551626	7.33	7.05	3.9%	5551648	6.90	7.14	3.4%	5551660	26.4	25.7	2.7%	5551678	24.1	24.2	0.4%
Zn	5551678	86.6	87.9	1.5%												
Zr	5551626	< 0.5	< 0.5	0.0%	5551648	0.66	0.63	4.7%	5551660	16.3	14.6	11.0%	5551678	3.5	3.7	5.6%

### (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	5551490	0.005	0.018		5551656	0.007	0.006	15.4%	5551512	0.006	0.006	7.1%	5551540	0.003	0.004	13.6%
	REPLICATE #5				REPLICATE #6				REPLICATE #7				REPLICATE #8			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	5551526	0.004	0.003		5551540	0.0034	0.0039	13.7%	5551642	0.002	< 0.001		5551656	0.0052	0.0057	9.2%
	REPLICATE #9															
Parameter	Sample ID	Original	Replicate	RPD												
Au	5551668	< 0.001	< 0.001	0.0%												



CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

	CRM #1 (CFRM-100)				CRM #2 (CFRM-100)				CRM #3 (CFRM-100)				CRM #4 (CFRM-100)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Co	184	182	99%	90% - 110%	184	178	97%	90% - 110%	184	174	94%	90% - 110%	184	177	96%	90% - 110%
Cu	3494	3504	100%	90% - 110%	3494	3431	98%	90% - 110%	3494	3390	97%	90% - 110%	3494	3467	99%	90% - 110%
Ni	2985	3020	101%	90% - 110%	2985	2970	99%	90% - 110%	2985	2875	96%	90% - 110%	2985	2950	98%	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	184	171	93%	90% - 110%	184	174	94%	90% - 110%	184	172	93%	90% - 110%	184	170	92%	90% - 110%
Cu	3494	3320	95%	90% - 110%	3494	3453	99%	90% - 110%	3494	3402	97%	90% - 110%	3494	3367	96%	90% - 110%
Ni	2985	2870	96%	90% - 110%	2985	2940	98%	90% - 110%	2985	2865	95%	90% - 110%	2985	2856	95%	90% - 110%
	CRM #9 (CFRM-100)				CRM #10 (CFRM-100)				CRM #11 (CFRM-100)							
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Co	184	180	98%	90% - 110%	184	179	97%	90% - 110%	184	170	92%	90% - 110%				
Cu	3494	3454	99%	90% - 110%	3494	3449	99%	90% - 110%	3494	3279	94%	90% - 110%				
Ni	2985	2970	99%	90% - 110%	2985	2970	99%	90% - 110%	2985	2790	93%	90% - 110%				

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

	CRM #1 (GS6D)				CRM #2 (1P5K)				CRM #3 (1P5K)							
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Au	6.09	5.74	94%	90% - 110%	1.44	1.44	100%	90% - 110%	1.44	1.46	101%	90% - 110%				

## Method Summary

CLIENT NAME: AURORA GEOSCIENCES

AGAT WORK ORDER: 14Y861104

PROJECT NO: KTL-14514-YT

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

## Method Summary

CLIENT NAME: AURORA GEOSCIENCES

AGAT WORK ORDER: 14Y861104

PROJECT NO: KTL-14514-YT

ATTENTION TO: DAVE WHITE, GABE FORTIN

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Zn	MIN-200-12017		ICP-MS
Zr	MIN-200-12017		ICP-MS
Ni-OL	MIN-200-12002/12020		ICP/OES
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES