

**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: 14Y861874**

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

**DATE REPORTED: Jul 28, 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.



# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y861874

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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 10, 2014		DATE RECEIVED: Jul 10, 2014					DATE REPORTED: Jul 28, 2014					SAMPLE TYPE: Soil				
	Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	
	Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
Sample ID (AGAT ID)	RDL:	0.01	0.01	0.1	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05	0.1	
E5577860 (5557516)		0.08	1.00	14.3	<5	53	0.71	0.25	1.38	0.44	41.7	12.1	21.6	0.91	35.7	
E5577861 (5557517)		0.20	1.41	21.1	<5	67	0.92	0.44	1.13	0.22	41.9	23.5	24.0	2.15	50.5	
E5577862 (5557518)		0.18	1.54	27.9	<5	66	0.93	0.58	0.55	0.17	50.2	38.6	24.4	3.31	62.7	
E5577863 (5557519)		0.16	1.46	30.6	<5	60	0.95	0.63	0.44	0.17	44.9	40.9	22.7	2.52	67.4	
E5577864 (5557520)		0.12	1.61	27.7	<5	73	1.16	0.52	0.60	0.13	35.7	31.5	24.5	2.93	54.8	
E5577865 (5557521)		0.12	1.98	25.3	<5	86	1.38	0.52	0.54	0.25	40.4	41.5	30.2	4.05	70.5	
E5577866 (5557522)		0.17	1.87	14.0	<5	71	0.74	0.63	0.04	0.16	6.35	6.7	38.9	3.46	41.5	
E5577867 (5557523)		0.07	2.04	21.2	<5	75	1.21	0.64	0.04	0.16	9.65	10.9	46.9	6.71	63.7	
E5577868 (5557524)		0.17	2.32	25.4	<5	82	1.64	0.81	0.03	0.12	10.1	21.5	52.3	8.05	115	
E5577869 (5557525)		0.19	2.28	73.2	<5	37	0.99	0.46	<0.01	0.08	3.24	16.8	90.1	4.98	200	
E5577870 (5557526)		0.21	2.11	38.6	<5	88	1.11	0.64	0.02	0.12	8.64	12.3	51.7	3.95	49.7	
E5577871 (5557527)		0.10	2.08	24.7	<5	59	1.36	0.60	0.03	0.10	9.43	9.9	48.9	6.00	60.3	
E5577872 (5557528)		0.09	2.01	30.1	<5	52	0.89	0.60	0.03	0.14	10.2	10.7	55.1	3.63	55.9	
E5577873 (5557529)		0.28	1.86	55.4	<5	37	0.75	0.58	<0.01	0.03	2.98	8.2	89.8	5.25	96.5	
E5577874 (5557530)		0.36	2.01	69.1	<5	26	0.85	0.54	<0.01	0.04	2.16	5.2	98.1	4.90	134	
E5577875 (5557531)		0.06	1.41	5.5	<5	111	0.20	0.06	1.07	0.16	10.2	8.9	45.3	0.35	46.9	
E5577876 (5557532)		0.04	1.88	22.8	<5	85	1.10	0.70	0.04	0.13	13.0	9.8	44.3	4.67	48.8	
E5577877 (5557533)		0.02	1.63	15.5	<5	90	0.62	0.46	0.05	0.25	15.6	6.5	32.6	1.84	21.9	
E5577878 (5557534)		<0.01	1.74	9.8	<5	75	0.72	0.47	0.05	0.22	9.35	7.7	34.9	1.62	23.7	
E5577879 (5557535)		<0.01	2.16	13.2	<5	53	1.07	0.49	0.03	0.14	8.14	10.1	40.8	1.90	37.8	
E5577880 (5557536)		<0.01	1.94	12.0	<5	95	0.86	0.44	0.03	0.17	14.8	9.2	33.6	1.60	24.1	
E5578945 (5557537)		0.03	1.54	10.4	<5	49	0.81	0.34	0.61	0.15	35.8	16.9	25.0	1.61	35.0	
E5578946 (5557538)		0.05	1.52	10.6	<5	54	0.84	0.35	0.70	0.17	32.4	13.8	23.8	1.50	38.7	
E5578947 (5557539)		0.07	1.54	12.3	<5	52	0.80	0.33	0.67	0.18	34.0	13.3	24.0	1.47	35.6	
E5578948 (5557540)		0.15	1.45	20.2	<5	70	0.90	0.40	0.41	0.14	22.7	16.8	20.4	2.70	38.4	
E5578949 (5557541)		0.12	1.29	14.9	<5	118	0.80	0.24	0.67	0.29	74.6	10.8	24.9	0.54	20.5	
E5578950 (5557542)		1.68	1.91	4.5	<5	55	0.16	0.95	1.15	0.55	17.0	100	106	0.80	4320	
E5578951 (5557543)		0.13	1.04	14.7	<5	83	0.62	0.27	0.80	0.37	49.7	12.2	21.4	0.68	42.8	
E5578952 (5557544)		0.07	1.30	22.8	<5	72	0.83	0.30	0.93	0.27	51.6	18.7	25.4	0.75	35.9	
E5578953 (5557545)		0.16	1.18	10.3	<5	73	0.56	0.21	0.83	0.32	40.0	9.4	26.6	0.70	24.7	
E5578954 (5557546)		<0.01	1.21	10.1	<5	107	0.48	0.25	0.19	0.18	46.6	8.8	21.4	0.63	14.4	
E5578955 (5557547)		<0.01	1.33	9.8	<5	104	0.70	0.22	0.53	0.21	44.2	10.1	29.1	1.01	23.0	

Certified By:

*Y. Chen*



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DATE SAMPLED: Jul 10, 2014		DATE RECEIVED: Jul 10, 2014					DATE REPORTED: Jul 28, 2014					SAMPLE TYPE: Soil				
	Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	
	Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
Sample ID (AGAT ID)	RDL:	0.01	0.01	0.1	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05	0.1	
E5578956 (5557548)		0.04	1.70	16.2	<5	105	0.69	0.32	0.32	0.12	28.5	10.9	37.7	2.41	23.5	
E5578957 (5557549)		0.08	1.41	6.2	<5	126	0.59	0.18	1.44	0.49	37.4	10.3	33.0	1.34	25.2	
E5578958 (5557550)		0.15	1.82	19.2	<5	77	1.23	0.40	0.44	0.23	44.5	25.2	41.2	3.18	57.4	
E5578959 (5557551)		0.26	1.60	26.3	<5	79	1.18	0.45	0.72	0.21	46.5	28.1	34.0	3.55	54.9	
E5578243 (5557552)		0.20	1.51	22.8	<5	76	0.92	0.35	1.28	0.53	47.4	31.5	44.2	3.80	90.4	
E5578244 (5557553)		0.25	1.67	27.3	<5	46	1.30	0.53	0.46	0.26	29.5	28.9	35.1	3.52	110	
E5578245 (5557554)		0.08	2.11	21.5	<5	52	2.19	0.46	0.27	0.20	35.6	43.4	39.9	4.91	111	
E5578246 (5557555)		0.22	2.42	30.1	<5	61	1.82	0.63	0.15	0.19	35.9	51.1	37.8	4.70	147	
E5578247 (5557556)		0.10	2.26	21.7	<5	120	1.60	0.43	0.14	0.09	26.5	12.6	39.3	2.75	63.2	
E5578248 (5557557)		0.10	1.53	21.0	<5	109	0.90	0.33	0.36	0.35	53.1	12.1	30.1	1.33	57.8	
E5578249 (5557558)		0.09	1.49	15.7	<5	65	0.78	0.28	0.43	0.20	35.4	9.6	30.4	0.87	26.3	
E5578250 (5557559)		1.73	2.00	4.6	<5	55	0.17	0.82	1.20	0.55	16.8	102	112	0.79	4420	
E5578251 (5557560)		0.07	1.58	16.2	<5	62	0.85	0.32	0.60	0.28	46.8	16.5	27.6	0.98	41.6	
E5578252 (5557561)		0.16	1.65	15.3	<5	89	1.10	0.34	0.65	0.17	30.1	12.6	25.6	1.35	34.0	
E5578253 (5557562)		0.17	1.42	9.3	<5	66	0.79	0.27	1.18	0.14	37.4	7.7	25.8	0.88	40.1	
E5578254 (5557563)		0.22	1.39	12.8	<5	91	0.84	0.27	1.37	0.17	42.5	11.9	26.8	0.83	41.6	
E5578255 (5557564)		0.23	1.73	13.7	<5	95	1.07	0.35	0.62	0.16	36.7	11.1	29.1	1.61	33.3	
E5578256 (5557565)		0.53	2.28	31.3	<5	93	1.45	0.49	0.20	0.13	27.8	38.5	35.5	4.92	54.9	
E5578257 (5557566)		0.33	1.88	49.0	<5	73	1.23	0.65	0.34	0.18	35.3	40.7	29.2	5.92	55.7	
E5578258 (5557567)		0.15	1.99	41.5	<5	88	1.37	0.50	0.07	0.21	27.7	66.8	31.8	3.76	49.4	
E5578259 (5557568)		0.62	1.80	20.6	<5	44	1.13	0.41	0.43	0.20	26.1	21.7	25.8	4.31	52.0	
E5578710 (5557569)		0.40	1.44	24.6	<5	60	0.99	0.45	0.60	0.18	36.9	23.9	20.0	2.06	47.9	
E5578711 (5557570)		0.13	1.57	8.9	<5	94	0.54	0.23	0.39	0.29	53.9	8.7	38.0	0.66	19.6	
E5578712 (5557571)		0.14	1.99	10.8	<5	214	0.79	0.31	0.72	0.26	37.7	10.3	42.0	1.10	32.8	
E5578713 (5557572)		0.07	2.01	12.1	<5	155	0.86	0.28	0.20	0.25	48.4	9.9	38.5	1.11	18.6	
E5578714 (5557573)		0.03	2.34	17.2	<5	127	1.19	0.42	0.10	0.18	40.1	24.2	38.8	2.12	48.6	
E5578715 (5557574)		0.05	1.53	15.7	<5	120	0.78	0.35	0.71	0.29	36.6	12.3	30.1	1.92	31.7	
E5578716 (5557575)		0.17	1.91	29.1	<5	112	1.17	0.34	0.73	0.20	45.9	17.1	42.6	1.96	57.3	
E5578717 (5557576)		0.13	2.17	23.3	<5	69	1.70	0.51	0.37	0.13	30.7	22.2	39.3	5.25	81.6	
E5578718 (5557577)		0.14	1.85	14.2	<5	155	0.92	0.32	0.47	0.39	51.5	16.0	50.0	2.19	49.2	
E5578719 (5557578)		0.15	1.70	19.1	<5	110	1.02	0.31	0.28	0.21	50.7	13.6	42.7	2.23	39.3	
E5578720 (5557579)		0.10	1.64	18.2	<5	68	1.03	0.41	0.37	0.11	28.6	14.1	22.8	2.41	34.8	

Certified By:

*Y. Chen*



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SAMPLE TYPE: Soil

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.1	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05	0.1
Sample ID (AGAT ID)														
E5578721 (5557580)	0.29	1.89	31.3	<5	46	0.97	0.61	0.07	0.16	47.6	61.8	29.2	3.67	73.9
E5578722 (5557581)	0.28	1.79	36.2	<5	78	1.02	0.58	0.07	0.28	12.8	12.2	37.5	2.62	50.8
E5578723 (5557582)	0.36	2.82	65.3	<5	94	2.59	0.80	0.03	1.04	12.8	21.5	50.7	3.45	95.5
E5578724 (5557583)	0.66	2.56	71.9	<5	79	1.56	0.64	0.01	0.24	12.3	11.6	54.0	4.29	114
E5578725 (5557584)	0.71	2.73	74.9	<5	87	1.62	0.64	0.01	0.25	12.7	13.2	53.5	4.47	116
E5578726 (5557585)	0.31	2.04	35.2	<5	54	1.01	0.66	0.02	0.09	8.71	10.6	58.5	5.29	62.1
E5578727 (5557586)	0.11	2.37	19.8	<5	91	3.60	0.65	0.11	0.21	16.4	14.6	45.2	12.7	56.8
E5577180 (5557587)	0.07	1.33	8.8	<5	120	0.83	0.20	0.49	0.42	49.1	14.3	28.5	0.80	31.6
E5577181 (5557588)	3.47	1.37	30.3	<5	90	0.78	0.23	0.84	1.14	61.8	13.1	28.0	0.57	44.7
E5577182 (5557589)	0.41	0.90	34.4	<5	105	0.90	0.31	0.92	0.45	60.7	20.7	17.0	0.58	48.0
E5577183 (5557590)	0.15	1.66	16.1	<5	158	1.44	0.27	1.07	0.53	44.3	20.0	26.8	2.11	27.6
E5577184 (5557591)	0.10	1.17	12.9	<5	118	1.26	0.33	0.70	0.35	47.5	20.3	18.6	0.94	36.4
E5577185 (5557592)	0.12	2.23	8.4	<5	113	2.60	0.71	0.08	0.17	30.8	31.0	33.2	3.19	41.7
E5577186 (5557593)	0.25	1.08	9.3	<5	117	0.94	0.27	0.12	0.27	16.9	10.3	20.4	2.05	18.0
E5577187 (5557594)	0.24	1.20	7.8	<5	145	0.77	0.23	0.11	0.42	15.4	11.9	23.0	2.46	17.0
E5577188 (5557595)	0.18	1.13	9.5	<5	57	0.46	0.30	0.04	0.15	18.1	7.4	23.4	2.39	21.0
E5577189 (5557596)	0.11	1.48	11.3	<5	45	0.53	0.36	0.09	0.11	25.6	12.4	26.3	2.01	28.0
E5577190 (5557597)	0.15	1.41	12.1	<5	52	0.64	0.34	0.10	0.14	23.9	13.0	25.4	1.95	29.1
E5577191 (5557598)	0.04	1.50	25.4	<5	71	0.76	0.41	0.07	0.19	20.6	12.3	27.0	2.02	24.1
E5577192 (5557599)	0.14	1.21	17.6	<5	117	1.04	0.30	0.12	0.20	21.2	18.3	24.0	1.75	21.5
E5577193 (5557600)	0.20	1.17	9.8	<5	79	0.73	0.28	0.08	0.58	13.8	7.9	22.6	1.69	20.0
E5577194 (5557601)	0.08	1.61	18.5	<5	62	0.86	0.36	0.11	0.16	22.3	13.6	29.8	2.09	32.3
E5577195 (5557602)	0.08	2.06	17.6	<5	64	1.29	0.43	0.17	0.18	33.1	27.1	34.1	3.34	46.6
E5577196 (5557603)	0.05	1.39	11.4	<5	58	0.77	0.29	0.11	0.20	25.0	9.3	29.0	2.27	19.8
E5577197 (5557604)	0.03	1.63	10.6	<5	134	0.77	0.28	0.14	0.12	33.1	8.6	26.0	1.09	19.6
E5577198 (5557605)	0.13	1.52	6.4	<5	206	0.70	0.26	0.82	0.19	35.5	6.7	23.4	0.99	17.6
E5577199 (5557606)	0.19	1.61	18.9	<5	115	0.99	0.36	0.64	0.22	41.9	23.2	29.4	0.85	48.0
E5577200 (5557607)	1.19	0.98	3.4	29	13	0.05	0.51	0.38	0.61	2.33	304	1250	0.16	4100
E5577201 (5557608)	0.27	1.69	20.9	<5	118	1.14	0.43	0.18	0.20	33.4	18.8	27.3	3.12	39.8
E5577202 (5557609)	0.13	1.16	9.3	<5	69	0.57	0.37	0.29	0.20	21.3	9.4	17.9	1.99	19.9
E5577203 (5557610)	0.17	1.69	16.3	<5	96	1.07	0.44	0.59	0.23	44.5	20.8	27.3	1.96	50.3
E5577204 (5557611)	0.32	1.40	18.6	<5	102	1.19	0.52	0.50	0.05	14.2	13.7	17.6	3.76	31.1

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Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.1	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05	0.1
Sample ID (AGAT ID)														
E5577205 (5557612)	0.08	1.48	14.8	<5	114	0.88	0.31	0.42	0.25	41.0	13.1	24.8	1.34	30.5
E5577206 (5557613)	0.24	1.84	47.8	<5	84	1.37	0.59	0.11	0.24	35.1	51.5	27.1	4.08	66.6
E5577207 (5557614)	0.28	1.72	27.9	<5	73	0.69	0.49	0.03	0.20	12.7	7.4	38.7	1.89	33.8
E5577208 (5557615)	0.56	1.97	68.0	<5	72	1.21	0.65	0.04	0.26	7.73	7.3	50.6	4.26	124
E5577209 (5557616)	0.85	1.81	56.1	<5	67	0.93	0.49	0.06	0.35	6.50	5.8	44.4	2.67	70.9
E5577360 (5557617)	0.49	2.16	84.7	<5	48	1.41	0.43	<0.01	0.54	3.98	207	84.0	2.80	250
E5577361 (5557618)	0.21	1.57	82.8	<5	34	0.76	0.47	<0.01	0.07	1.95	57.7	85.2	2.79	195
E5577362 (5557619)	0.19	1.35	25.2	<5	86	1.44	0.36	1.86	0.21	10.9	14.2	28.4	2.42	55.7
E5577363 (5557620)	0.21	2.53	20.4	<5	112	3.52	0.34	0.10	0.52	23.2	40.4	31.0	3.04	82.4
E5577364 (5557621)	0.13	1.87	13.5	<5	79	0.93	0.54	0.05	0.19	13.9	8.8	30.9	2.68	23.2
E5269661 (5557622)	0.18	3.31	7.0	<5	600	1.78	0.23	0.39	0.87	61.2	62.6	43.0	6.07	298
E5269662 (5557623)	0.07	3.72	5.7	<5	438	1.80	0.26	0.33	0.69	58.3	108	50.0	5.06	337
E5269663 (5557624)	0.20	3.24	5.1	<5	361	1.54	0.24	0.25	0.61	49.3	50.9	50.4	3.04	253
E5269664 (5557625)	0.14	2.98	8.3	<5	349	1.74	0.23	0.51	0.32	39.7	29.9	40.8	2.91	213
E5269665 (5557626)	0.10	1.28	4.5	<5	179	1.53	0.32	3.00	0.24	17.5	25.7	16.1	5.39	74.6
E5269666 (5557627)	0.11	1.18	6.2	<5	180	1.16	0.40	0.82	0.28	45.0	29.6	19.1	2.49	86.3
E5269667 (5557628)	0.21	1.52	33.1	<5	75	1.83	0.37	0.69	0.49	24.5	26.2	18.5	4.19	108
E5269668 (5557629)	0.14	1.52	35.1	<5	80	2.62	0.44	0.75	0.26	25.7	23.8	18.2	6.49	141
E5269669 (5557630)	0.21	1.78	23.6	<5	217	1.65	0.31	0.53	0.36	24.2	30.1	26.3	3.86	196
E5269670 (5557631)	0.20	1.33	28.9	<5	138	1.72	0.35	0.80	0.72	25.3	23.8	19.3	2.90	96.0
E5269671 (5557632)	0.25	1.52	27.2	<5	131	2.10	0.46	1.18	0.41	30.3	30.0	19.2	4.12	96.4
E5269672 (5557633)	0.26	0.66	44.7	<5	62	1.34	0.45	2.27	0.28	30.9	24.8	13.6	2.30	64.7
E5269673 (5557634)	0.24	1.69	19.9	<5	289	1.70	0.30	0.67	0.38	36.9	34.8	25.5	2.70	179
E5269674 (5557635)	0.17	0.56	21.4	<5	429	1.02	0.21	4.45	0.19	20.9	22.8	17.4	1.66	86.3
E5269675 (5557636)	0.11	1.30	5.3	6	104	0.25	0.06	1.01	0.17	10.3	9.2	35.9	0.36	46.5
E5269676 (5557637)	0.12	1.04	17.6	<5	85	1.09	0.28	0.67	0.30	26.9	21.2	18.5	1.48	70.2
E5269677 (5557638)	0.16	1.44	16.0	<5	115	1.02	0.27	0.57	0.26	29.4	23.9	27.2	1.15	96.8
E5269678 (5557639)	0.17	1.09	22.2	<5	100	1.12	0.33	1.51	0.37	28.8	24.0	17.4	1.45	67.0
E5269679 (5557640)	0.24	1.38	33.0	<5	131	1.46	0.34	0.72	0.85	29.3	29.2	21.2	2.41	102
E5269680 (5557641)	0.07	1.90	15.1	<5	137	1.15	0.28	0.09	0.28	39.0	20.5	28.4	1.25	90.1
E5577495 (5557642)	0.17	2.62	23.9	<5	470	2.08	0.22	0.76	0.46	51.2	59.8	38.7	4.68	238
E5577496 (5557643)	0.15	1.90	17.0	<5	97	1.32	0.24	0.40	0.22	33.1	40.5	33.1	3.08	149

Certified By:

*Y. Chen*



# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y861874

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 10, 2014

DATE RECEIVED: Jul 10, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.1	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05	0.1
Sample ID (AGAT ID)														
E5577497 (5557644)	0.23	1.51	55.3	<5	95	1.73	0.37	0.34	0.42	29.7	39.8	25.1	4.82	141
E5577498 (5557645)	0.17	1.29	56.0	<5	82	1.93	0.38	0.38	0.57	24.0	33.4	16.8	4.43	82.2
E5577499 (5557646)	0.09	2.06	20.8	<5	100	2.37	0.41	0.33	0.22	38.4	51.5	24.2	8.23	105
E5577500 (5557647)	1.12	0.99	3.8	37	13	0.06	0.51	0.37	0.68	2.15	305	1240	0.16	4010
E5577501 (5557648)	0.21	0.65	59.2	<5	71	1.68	0.37	1.40	0.63	26.3	25.2	10.4	1.88	67.9
E5577502 (5557649)	0.10	1.74	7.7	<5	106	1.86	0.34	0.52	0.30	29.1	26.6	22.4	5.28	60.6
E5577503 (5557650)	0.09	1.71	5.7	<5	124	1.69	0.34	0.50	0.37	26.5	22.2	20.8	2.33	51.0
E5577504 (5557651)	0.04	1.44	5.7	<5	113	1.61	0.29	0.57	0.32	25.9	20.8	16.2	2.48	48.9
E5577505 (5557652)	0.09	0.05	4.1	<5	9	2.29	0.25	0.02	0.81	42.1	36.5	6.5	2.65	1.4
E5577506 (5557653)	0.12	3.22	5.9	<5	470	2.20	0.28	0.45	0.76	54.0	37.3	44.8	5.52	206
E5577507 (5557654)	0.23	3.66	5.6	<5	669	2.23	0.25	0.34	1.09	52.9	42.8	48.9	3.85	244
E5577508 (5557655)	0.13	3.55	5.1	<5	413	2.25	0.26	0.31	0.54	37.6	36.7	58.9	3.38	228
E5577509 (5557656)	0.21	3.98	5.5	<5	479	2.83	0.26	0.22	0.82	60.9	65.2	50.3	3.38	284
E5269681 (5557657)	0.08	1.72	12.6	<5	172	1.23	0.28	0.51	0.21	31.1	14.8	30.1	1.16	55.8
E5269682 (5557658)	0.09	2.70	26.1	<5	41	2.15	0.69	0.02	0.07	26.4	47.1	31.3	10.7	91.4
E5269683 (5557659)	0.23	2.30	36.6	<5	45	2.51	0.65	0.04	0.08	30.3	84.7	31.4	5.28	142
E5269684 (5557660)	0.13	1.91	31.5	<5	55	1.95	0.51	0.29	0.35	41.8	40.7	37.1	2.75	104
E5269685 (5557661)	0.11	1.98	27.9	<5	54	1.90	0.46	0.63	0.36	43.9	32.1	41.7	3.35	94.0
E5269686 (5557662)	0.10	2.26	16.6	<5	59	3.97	0.62	0.14	0.17	34.1	31.7	35.7	6.75	198
E5269687 (5557663)	0.09	1.80	18.6	<5	52	1.46	0.32	2.52	0.48	47.8	19.7	45.6	2.47	57.5
E5269688 (5557664)	0.11	2.11	22.3	<5	94	1.65	0.40	2.50	0.52	45.4	19.8	50.6	3.41	83.4
E5269689 (5557665)	0.10	2.05	25.7	<5	62	1.89	0.35	2.54	0.62	47.9	21.7	51.4	3.27	75.5
E5269690 (5557666)	0.28	1.67	28.1	<5	90	1.24	0.43	3.45	0.36	45.3	33.0	26.6	2.42	84.3
E5269691 (5557667)	0.16	1.92	19.2	<5	86	1.48	0.35	5.24	0.40	40.0	23.5	44.7	2.36	60.7
E5269692 (5557668)	0.23	1.65	19.0	<5	93	1.37	0.31	5.71	0.37	42.6	18.7	38.2	1.79	55.4
E5269693 (5557669)	0.27	1.97	20.6	<5	103	1.56	0.33	2.94	0.35	45.2	20.5	45.8	2.67	64.2
E5269694 (5557670)	0.15	2.25	14.8	<5	116	1.80	0.31	1.15	0.31	55.7	16.0	49.7	1.38	51.3
E5269695 (5557671)	0.21	2.00	16.7	<5	96	1.54	0.27	3.08	0.31	51.9	21.2	40.6	2.03	53.9
E5269696 (5557672)	0.19	1.44	23.6	<5	63	1.28	0.43	1.80	0.27	46.6	29.5	25.2	1.33	56.5
E5269697 (5557673)	0.37	1.44	25.1	<5	100	1.32	0.44	2.41	0.39	48.7	27.3	27.8	1.65	64.8
E5269698 (5557674)	0.32	1.78	39.4	<5	125	2.04	0.66	0.70	0.26	57.4	59.8	23.3	6.84	84.7
E5269699 (5557675)	0.25	1.88	42.2	<5	155	2.42	0.58	0.98	0.30	56.2	66.2	23.5	8.14	77.6

Certified By:

*Y. Chen*



# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y861874

PROJECT NO: KTL-14514-YT

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

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 10, 2014		DATE RECEIVED: Jul 10, 2014					DATE REPORTED: Jul 28, 2014					SAMPLE TYPE: Soil				
	Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	
	Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
Sample ID (AGAT ID)	RDL:	0.01	0.01	0.1	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05	0.1	
E5269700 (5557676)		1.31	1.08	3.9	42	14	0.07	0.54	0.41	0.73	2.55	320	1430	0.20	4260	
E5269701 (5557677)		0.28	1.44	46.1	<5	73	2.37	0.70	0.96	0.25	50.0	42.5	19.8	2.92	63.1	
E5269702 (5557678)		0.09	2.03	27.5	<5	127	2.77	0.44	1.03	0.31	61.1	49.4	23.4	9.83	78.4	
E5269703 (5557679)		0.25	1.74	37.1	<5	151	2.18	0.68	0.71	0.27	58.7	84.8	23.4	8.78	85.6	
E5269704 (5557680)		0.11	2.20	11.5	<5	65	3.13	0.57	0.54	0.11	42.4	34.9	25.5	5.32	83.3	
E5269705 (5557681)		0.04	1.78	12.5	<5	136	1.30	0.28	0.31	0.23	52.7	11.2	32.7	1.23	26.6	
E5269706 (5557682)		0.06	1.81	12.7	<5	85	1.51	0.31	0.40	0.21	47.6	14.4	31.5	1.30	31.6	
E5269707 (5557683)		<0.01	1.71	14.7	<5	85	0.83	0.33	0.11	0.21	28.3	9.4	28.8	1.48	21.2	
E5269708 (5557684)		0.25	1.44	8.9	<5	73	1.75	0.31	1.45	0.25	30.7	13.6	19.1	1.30	36.4	
E5269709 (5557685)		0.25	1.39	9.8	<5	53	1.63	0.33	1.18	0.30	33.2	13.6	20.6	1.54	40.0	
E5577260 (5557686)		0.09	1.66	15.5	<5	60	1.18	0.33	0.70	0.12	30.2	11.9	26.5	1.46	26.7	
E5577261 (5557687)		0.20	1.81	12.7	<5	80	1.70	0.37	0.48	0.16	41.2	15.2	28.1	1.71	43.3	
E5577262 (5557688)		0.24	1.61	10.6	<5	61	1.54	0.33	0.90	0.27	38.1	13.5	23.5	1.20	38.9	
E5577263 (5557689)		0.35	2.13	54.1	<5	80	2.49	0.53	0.16	0.22	29.7	60.0	30.2	6.59	90.9	
E5577264 (5557690)		0.20	1.80	14.5	<5	117	1.65	0.36	0.04	0.30	11.2	18.1	25.2	1.28	30.5	
E5577265 (5557691)		0.12	2.31	24.9	<5	181	2.14	0.44	0.20	0.26	16.0	11.5	36.0	1.77	33.7	
E5577881 (5557692)		0.12	2.00	23.8	<5	54	3.57	0.78	0.05	0.10	9.72	13.2	37.7	6.74	64.8	
E5577882 (5557693)		0.19	2.05	42.9	<5	49	1.91	0.73	0.03	0.15	9.26	9.8	43.6	3.41	47.1	
E5577883 (5557694)		0.43	1.76	26.8	<5	124	1.55	0.47	0.05	0.65	10.7	7.0	31.1	1.92	44.5	
E5577884 (5557695)		0.67	2.31	71.7	<5	72	2.87	0.62	0.04	0.27	10.0	11.5	51.1	3.48	112	
E5577885 (5557696)		0.71	2.37	65.7	<5	124	3.31	0.64	0.03	0.22	14.6	10.5	40.3	3.45	72.2	
E5577886 (5557697)		0.59	2.28	107	<5	84	2.62	0.54	0.01	0.16	12.3	19.7	71.9	3.22	169	
E5577887 (5557698)		0.25	1.97	31.4	<5	66	2.42	0.52	0.03	0.32	10.0	8.4	33.7	2.61	48.5	
E5577888 (5557699)		0.32	2.17	27.3	<5	74	2.13	0.57	0.03	0.31	12.2	9.0	37.9	1.95	43.5	
E5577889 (5557700)		0.61	1.88	65.6	<5	103	2.55	0.52	0.05	0.30	11.8	9.9	32.1	4.28	54.7	
E5577890 (5557701)		0.79	2.59	87.1	<5	78	3.52	0.71	0.03	0.26	7.84	10.7	51.8	4.25	129	
E5577891 (5557702)		0.37	1.87	101	<5	108	2.67	0.45	0.04	0.21	15.8	20.2	40.8	4.69	56.3	
E5577892 (5557703)		0.12	1.93	25.0	<5	80	2.40	0.39	0.03	0.22	14.3	12.9	28.1	2.49	38.6	
E5577893 (5557704)		0.20	2.51	61.7	<5	161	7.70	0.45	0.01	0.24	24.3	55.1	50.5	4.61	140	
E5577894 (5557705)		0.25	2.40	88.7	<5	146	6.46	0.49	0.01	0.32	30.8	64.8	56.3	3.96	158	
E5577895 (5557706)		0.29	2.53	78.2	<5	94	7.89	0.45	<0.01	0.19	21.1	22.1	49.0	3.80	139	
E5577896 (5557707)		0.29	2.00	59.8	<5	121	3.99	0.49	0.09	0.31	19.5	23.3	39.9	3.57	74.6	

Certified By:

*Y. Chen*



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## Certificate of Analysis

AGAT WORK ORDER: 14Y861874

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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 10, 2014

DATE RECEIVED: Jul 10, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.1	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05	0.1
Sample ID (AGAT ID)														
E5577897 (5557708)	0.31	1.95	43.8	<5	121	2.67	0.80	0.02	0.15	18.2	9.9	35.1	2.21	61.7
E5577898 (5557709)	0.16	2.08	35.4	<5	183	3.60	0.40	0.05	0.37	24.2	16.4	36.1	3.86	61.3
E5577899 (5557710)	0.05	1.91	21.3	<5	66	2.33	0.47	0.03	0.17	11.8	13.0	32.1	3.13	59.4
E5577900 (5557711)	1.26	0.98	3.5	50	13	0.08	0.52	0.39	0.72	2.26	311	1280	0.17	4100
E5577901 (5557712)	0.37	1.99	37.7	<5	74	2.65	0.54	0.04	0.44	9.60	9.8	32.7	2.78	67.3
E5577902 (5557713)	0.48	2.13	37.2	<5	79	1.78	0.65	0.02	0.25	6.93	7.2	36.3	3.26	39.2
E5577903 (5557714)	0.14	1.65	31.0	<5	87	2.26	0.53	0.04	0.18	13.3	9.6	36.0	3.76	63.8
E5577904 (5557715)	0.67	1.57	53.2	<5	50	1.50	0.41	0.05	0.20	8.20	8.3	30.7	2.73	59.0
E5577905 (5557716)	0.14	2.36	72.9	<5	87	4.39	0.54	0.01	0.31	18.8	49.3	42.0	5.29	112
E5577906 (5557717)	0.14	2.07	54.1	<5	70	3.12	0.49	<0.01	0.30	12.6	120	45.4	6.02	146
E5577907 (5557718)	0.27	2.24	46.3	<5	80	4.38	0.46	<0.01	0.36	15.8	123	38.9	7.04	144
E5577908 (5557719)	0.32	2.43	29.2	<5	122	5.42	0.48	0.01	0.79	25.3	108	33.9	5.58	104
E5577909 (5557720)	0.14	2.26	26.7	<5	105	6.74	0.57	0.03	0.37	24.4	82.3	28.0	5.85	101
E5578760 (5557721)	0.17	2.19	39.6	<5	80	5.03	0.51	<0.01	0.41	10.8	114	36.5	4.66	113
E5578761 (5557722)	0.19	2.37	32.3	<5	87	5.79	0.57	0.02	0.55	19.3	128	31.6	5.61	99.5
E5578762 (5557723)	0.24	2.26	30.1	<5	92	6.40	0.65	0.02	0.36	19.8	117	31.3	6.35	109
E5578763 (5557724)	0.19	2.26	21.2	<5	109	6.06	0.65	0.02	0.45	16.6	117	30.8	6.01	109
E5578764 (5557725)	0.19	2.61	38.2	<5	106	5.06	0.56	0.03	0.67	16.9	138	34.5	4.88	154
E5578765 (5557726)	0.20	2.77	33.9	<5	117	2.86	0.43	0.03	0.52	33.4	94.2	32.2	5.77	110
E5578766 (5557727)	0.22	2.17	25.7	<5	126	2.91	0.45	0.13	0.36	41.6	68.8	27.5	5.13	85.0

Certified By:

*Y. Chen*





# Certificate of Analysis

AGAT WORK ORDER: 14Y861874

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 10, 2014

DATE RECEIVED: Jul 10, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Analyte:	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
RDL:	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	0.05
Sample ID (AGAT ID)														
E5577860 (5557516)	2.47	2.99	0.21	0.23	0.09	0.030	0.06	23.1	20.8	0.78	520	0.73	<0.01	0.49
E5577861 (5557517)	3.71	3.84	0.22	0.22	0.10	0.039	0.08	22.9	30.9	0.84	756	0.97	<0.01	0.33
E5577862 (5557518)	4.52	4.31	0.26	0.21	0.08	0.035	0.08	26.0	37.6	0.75	1530	1.32	<0.01	0.09
E5577863 (5557519)	4.30	4.17	0.24	0.15	0.10	0.033	0.06	22.8	37.9	0.75	1530	1.55	<0.01	0.06
E5577864 (5557520)	3.46	4.51	0.23	0.25	0.09	0.032	0.07	17.3	36.1	0.69	1920	1.00	<0.01	0.29
E5577865 (5557521)	3.97	5.57	0.24	0.12	0.13	0.027	0.08	17.9	48.7	0.90	3580	1.09	<0.01	0.12
E5577866 (5557522)	6.45	8.88	0.21	<0.02	0.09	0.046	0.07	2.9	25.2	0.36	354	2.12	<0.01	0.60
E5577867 (5557523)	7.44	6.90	0.22	<0.02	0.07	0.061	0.08	4.1	27.4	0.47	779	2.68	<0.01	0.76
E5577868 (5557524)	9.18	6.82	0.27	0.02	0.10	0.091	0.08	3.1	33.4	0.59	689	2.87	<0.01	0.49
E5577869 (5557525)	19.7	6.48	0.34	<0.02	0.09	0.183	0.05	0.8	18.1	0.42	687	10.5	<0.01	0.13
E5577870 (5557526)	8.54	7.05	0.25	<0.02	0.08	0.071	0.07	3.3	30.4	0.59	357	5.72	0.01	0.47
E5577871 (5557527)	7.03	6.82	0.23	<0.02	0.08	0.063	0.07	3.2	31.0	0.60	392	3.43	<0.01	0.44
E5577872 (5557528)	9.09	6.97	0.25	<0.02	0.06	0.077	0.07	4.2	21.9	0.46	447	3.80	<0.01	0.71
E5577873 (5557529)	17.2	6.80	0.33	0.08	0.09	0.138	0.07	1.0	17.2	0.41	134	5.63	<0.01	0.17
E5577874 (5557530)	21.4	6.63	0.37	0.08	0.08	0.186	0.06	0.8	15.8	0.36	124	7.81	<0.01	0.16
E5577875 (5557531)	2.62	4.99	0.22	0.21	0.05	0.018	0.10	4.6	8.6	0.76	615	5.76	0.08	0.23
E5577876 (5557532)	5.94	6.80	0.22	<0.02	0.07	0.063	0.08	5.7	26.8	0.53	374	4.08	<0.01	0.76
E5577877 (5557533)	4.59	7.43	0.21	<0.02	0.06	0.036	0.07	7.7	22.9	0.27	377	2.49	<0.01	1.49
E5577878 (5557534)	5.01	8.41	0.21	<0.02	0.11	0.034	0.08	4.6	29.0	0.33	620	1.66	<0.01	0.88
E5577879 (5557535)	6.06	7.36	0.21	0.04	0.05	0.042	0.06	3.3	42.2	0.40	369	2.27	<0.01	0.84
E5577880 (5557536)	4.41	7.79	0.21	0.03	0.05	0.035	0.05	7.0	27.1	0.29	455	2.12	<0.01	1.21
E5578945 (5557537)	3.90	4.29	0.24	0.15	0.06	0.035	0.05	17.3	39.8	0.52	770	0.64	<0.01	0.14
E5578946 (5557538)	3.80	4.15	0.23	0.12	0.05	0.036	0.07	15.0	30.7	0.43	788	0.71	<0.01	0.16
E5578947 (5557539)	3.76	4.21	0.24	0.16	0.06	0.036	0.06	15.7	33.3	0.46	659	0.72	<0.01	0.24
E5578948 (5557540)	4.07	3.84	0.24	0.07	0.08	0.032	0.06	11.0	30.4	0.48	940	0.92	<0.01	0.16
E5578949 (5557541)	2.63	3.57	0.24	0.12	0.09	0.037	0.05	25.4	19.8	0.58	413	0.80	<0.01	0.49
E5578950 (5557542)	9.73	5.08	0.40	0.09	0.03	0.062	0.17	7.3	6.5	2.54	1040	5.04	0.28	0.32
E5578951 (5557543)	2.77	3.26	0.23	0.10	0.08	0.033	0.06	25.0	19.5	0.65	551	0.86	<0.01	0.32
E5578952 (5557544)	3.53	4.11	0.25	0.12	0.12	0.039	0.05	29.1	26.5	0.73	702	1.13	<0.01	0.27
E5578953 (5557545)	2.27	3.71	0.22	0.16	0.08	0.030	0.06	22.1	26.6	0.97	397	0.69	<0.01	0.33
E5578954 (5557546)	2.42	4.74	0.21	0.05	0.05	0.029	0.05	18.0	23.2	0.48	429	1.03	<0.01	0.57
E5578955 (5557547)	2.40	4.17	0.22	0.16	0.05	0.034	0.05	23.6	23.8	0.88	575	0.60	<0.01	0.36

Certified By:



**AGAT** Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y861874

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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 10, 2014		DATE RECEIVED: Jul 10, 2014						DATE REPORTED: Jul 28, 2014				SAMPLE TYPE: Soil			
	Analyte:	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Sample ID (AGAT ID)	RDL:	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	0.05
E5578956 (5557548)		2.72	5.57	0.22	0.19	<0.01	0.028	0.04	13.9	47.8	1.03	381	0.88	<0.01	0.56
E5578957 (5557549)		1.92	4.94	0.22	0.38	0.03	0.031	0.05	18.7	29.0	1.24	868	0.67	<0.01	0.41
E5578958 (5557550)		3.15	6.06	0.25	0.09	0.05	0.033	0.06	22.1	57.8	1.54	841	1.01	<0.01	0.29
E5578959 (5557551)		3.42	5.18	0.25	0.23	0.07	0.039	0.07	24.7	44.6	1.29	1160	1.07	<0.01	0.14
E5578243 (5557552)		2.82	5.51	0.24	0.17	0.14	0.039	0.06	22.9	46.5	1.99	1150	1.40	<0.01	0.19
E5578244 (5557553)		3.49	5.37	0.24	0.37	0.03	0.029	0.04	13.9	66.5	1.42	962	1.11	<0.01	<0.05
E5578245 (5557554)		3.61	6.16	0.25	0.16	0.08	0.037	0.05	14.1	66.2	1.12	2160	1.14	<0.01	0.23
E5578246 (5557555)		5.13	6.95	0.26	0.04	0.06	0.032	0.05	13.8	99.8	1.17	2970	1.13	0.01	<0.05
E5578247 (5557556)		3.30	7.58	0.21	0.04	0.02	0.033	0.06	13.0	36.2	0.59	598	1.70	<0.01	1.36
E5578248 (5557557)		3.19	4.33	0.24	0.11	0.04	0.036	0.06	22.0	32.7	0.64	1210	0.96	<0.01	0.40
E5578249 (5557558)		2.79	4.33	0.22	0.25	0.04	0.032	0.05	16.7	37.1	0.81	568	0.69	<0.01	0.30
E5578250 (5557559)		10.3	5.29	0.42	0.09	0.03	0.065	0.18	7.2	7.7	2.70	1100	5.21	0.29	0.31
E5578251 (5557560)		3.07	4.56	0.25	0.09	0.02	0.027	0.06	24.9	39.6	0.79	906	0.68	<0.01	0.18
E5578252 (5557561)		3.22	4.56	0.22	0.14	0.03	0.027	0.06	15.6	31.7	0.60	833	0.81	<0.01	0.23
E5578253 (5557562)		2.41	4.27	0.23	0.20	0.04	0.033	0.06	22.8	32.2	0.88	216	0.46	<0.01	0.26
E5578254 (5557563)		2.78	4.18	0.23	0.14	0.08	0.033	0.06	23.9	30.3	0.86	450	0.62	<0.01	0.33
E5578255 (5557564)		2.93	4.98	0.23	0.19	0.05	0.034	0.06	18.5	34.2	0.69	517	0.86	<0.01	0.43
E5578256 (5557565)		4.37	6.09	0.24	0.04	0.06	0.036	0.06	11.7	48.5	0.78	2350	1.22	<0.01	0.34
E5578257 (5557566)		3.86	5.42	0.25	<0.02	0.07	0.030	0.07	14.0	51.0	0.71	2330	1.06	<0.01	0.30
E5578258 (5557567)		5.02	5.77	0.24	0.04	0.04	0.035	0.06	10.2	38.1	0.50	5120	1.67	<0.01	0.28
E5578259 (5557568)		4.25	4.36	0.25	0.03	0.13	0.032	0.08	12.8	47.5	0.64	1270	0.95	<0.01	0.17
E5578710 (5557569)		4.85	3.61	0.25	0.06	0.09	0.041	0.07	18.2	28.1	0.39	1410	0.92	<0.01	0.13
E5578711 (5557570)		2.52	6.27	0.23	0.04	0.06	0.035	0.06	23.9	41.3	1.23	462	0.70	<0.01	0.44
E5578712 (5557571)		2.60	6.78	0.22	0.08	0.07	0.037	0.06	20.6	34.9	0.98	536	0.94	<0.01	0.99
E5578713 (5557572)		2.87	6.06	0.23	0.02	0.04	0.034	0.04	20.2	28.6	0.78	438	1.10	<0.01	0.86
E5578714 (5557573)		3.54	6.60	0.23	<0.02	0.02	0.033	0.05	14.5	61.2	0.94	1010	0.98	<0.01	0.61
E5578715 (5557574)		2.79	6.13	0.21	0.04	0.04	0.031	0.05	13.3	29.9	0.51	638	1.61	<0.01	1.30
E5578716 (5557575)		2.85	5.78	0.23	0.14	0.09	0.037	0.06	23.0	55.6	1.39	909	0.78	<0.01	0.36
E5578717 (5557576)		3.82	6.49	0.24	0.08	0.06	0.034	0.06	15.9	86.1	1.11	997	0.98	<0.01	0.32
E5578718 (5557577)		2.87	6.38	0.26	0.17	0.06	0.035	0.08	26.3	47.3	1.64	410	1.12	<0.01	0.75
E5578719 (5557578)		2.52	6.46	0.25	0.11	0.05	0.035	0.05	27.4	56.4	1.52	449	0.87	<0.01	0.57
E5578720 (5557579)		4.04	4.35	0.23	0.07	<0.01	0.034	0.05	13.6	39.7	0.49	631	0.82	<0.01	0.20

Certified By:

*Y. Chen*



# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y861874

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 10, 2014

DATE RECEIVED: Jul 10, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Analyte:	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
RDL:	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	0.05
Sample ID (AGAT ID)														
E5578721 (5557580)	4.31	5.31	0.29	0.04	0.09	0.035	0.06	17.1	45.6	0.73	4100	1.59	<0.01	0.30
E5578722 (5557581)	6.17	6.76	0.22	0.07	0.09	0.058	0.07	5.3	24.1	0.39	403	7.11	0.01	0.79
E5578723 (5557582)	10.2	7.39	0.27	0.27	0.16	0.126	0.05	3.6	34.6	0.45	1270	10.3	<0.01	0.46
E5578724 (5557583)	12.5	6.95	0.30	0.36	0.20	0.137	0.06	3.5	26.9	0.48	456	10.0	0.01	0.36
E5578725 (5557584)	12.4	7.26	0.31	0.28	0.23	0.145	0.07	3.7	31.8	0.55	541	10.5	0.01	0.38
E5578726 (5557585)	10.1	6.69	0.29	0.04	0.11	0.099	0.08	2.8	37.5	0.64	338	3.95	<0.01	0.36
E5578727 (5557586)	6.17	7.09	0.26	0.02	0.03	0.076	0.09	5.6	51.7	0.65	651	2.29	0.01	0.67
E5577180 (5557587)	2.40	4.28	0.25	0.15	0.02	0.031	0.09	23.5	31.4	1.06	617	0.85	<0.01	0.37
E5577181 (5557588)	2.56	4.28	0.25	0.07	0.33	0.030	0.05	26.3	42.1	1.15	397	3.37	<0.01	0.42
E5577182 (5557589)	3.40	2.77	0.25	0.10	0.05	0.036	0.05	30.5	24.2	0.63	591	2.00	<0.01	0.21
E5577183 (5557590)	3.37	4.37	0.24	0.16	0.08	0.030	0.05	19.6	28.2	0.41	1990	1.14	<0.01	0.49
E5577184 (5557591)	4.16	3.29	0.23	0.19	0.04	0.038	0.06	21.1	21.5	0.40	1610	1.46	<0.01	0.30
E5577185 (5557592)	4.62	7.23	0.22	0.26	0.10	0.050	0.07	11.3	46.4	0.52	3430	1.39	<0.01	0.63
E5577186 (5557593)	2.47	4.08	0.20	0.02	0.17	0.028	0.07	7.4	6.6	0.12	1720	1.30	<0.01	0.26
E5577187 (5557594)	2.41	4.34	0.21	<0.02	0.09	0.024	0.06	6.4	7.5	0.12	1880	1.20	<0.01	0.28
E5577188 (5557595)	2.35	4.32	0.22	0.02	0.08	0.026	0.06	7.8	11.2	0.19	606	1.35	<0.01	0.40
E5577189 (5557596)	3.07	5.71	0.25	0.04	0.03	0.029	0.06	10.8	29.4	0.46	1200	1.27	<0.01	0.26
E5577190 (5557597)	2.85	5.23	0.23	0.07	0.06	0.031	0.07	9.9	23.5	0.38	1160	1.37	<0.01	0.34
E5577191 (5557598)	3.32	5.28	0.23	0.06	0.03	0.023	0.04	9.2	28.6	0.39	871	1.25	<0.01	0.34
E5577192 (5557599)	2.89	4.36	0.22	<0.02	0.12	0.027	0.06	9.1	17.6	0.26	1580	1.09	<0.01	0.27
E5577193 (5557600)	2.82	4.31	0.21	<0.02	0.12	0.020	0.06	6.0	10.8	0.18	1010	1.14	<0.01	0.46
E5577194 (5557601)	3.71	5.32	0.24	0.06	0.04	0.024	0.04	9.8	39.4	0.51	1220	1.21	<0.01	0.38
E5577195 (5557602)	4.12	6.13	0.26	0.03	0.02	0.036	0.07	13.9	45.2	0.68	2750	1.55	<0.01	0.15
E5577196 (5557603)	3.06	5.69	0.25	0.02	0.01	0.025	0.04	12.3	38.0	0.39	518	1.30	<0.01	0.63
E5577197 (5557604)	2.65	5.72	0.23	0.03	0.03	0.029	0.05	15.1	36.6	0.64	326	0.96	<0.01	0.64
E5577198 (5557605)	2.19	6.47	0.23	0.07	0.02	0.033	0.03	16.2	34.5	0.63	379	0.95	<0.01	0.59
E5577199 (5557606)	4.22	5.14	0.26	0.04	0.04	0.038	0.05	22.6	37.2	0.73	464	1.27	<0.01	0.57
E5577200 (5557607)	12.9	2.66	0.74	0.05	0.02	0.139	<0.01	1.1	1.2	11.1	570	1.40	0.04	<0.05
E5577201 (5557608)	3.45	5.86	0.25	0.07	0.03	0.035	0.06	16.5	60.8	0.71	596	1.18	<0.01	0.72
E5577202 (5557609)	2.58	5.07	0.22	0.02	0.03	0.025	0.05	10.6	28.1	0.34	417	1.00	<0.01	0.49
E5577203 (5557610)	3.58	5.60	0.27	0.07	0.03	0.031	0.06	21.9	69.7	1.00	747	0.88	<0.01	0.37
E5577204 (5557611)	2.78	5.34	0.22	0.23	0.03	0.027	0.06	7.4	28.5	0.37	625	1.54	<0.01	0.44

Certified By:

*Y. Chen*



# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y861874

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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 10, 2014

DATE RECEIVED: Jul 10, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Analyte:	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
RDL:	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	0.05
Sample ID (AGAT ID)														
E5577205 (5557612)	3.03	5.00	0.25	0.23	0.04	0.033	0.05	17.3	34.5	0.67	681	1.11	<0.01	0.75
E5577206 (5557613)	4.97	5.39	0.29	0.04	0.04	0.034	0.06	13.6	65.3	0.81	3220	1.54	<0.01	0.29
E5577207 (5557614)	7.87	8.41	0.26	0.03	0.02	0.054	0.05	6.2	28.8	0.27	423	4.90	<0.01	1.35
E5577208 (5557615)	12.5	6.94	0.33	0.35	0.09	0.129	0.05	2.9	19.9	0.31	368	10.8	<0.01	0.55
E5577209 (5557616)	11.6	5.95	0.33	0.63	0.16	0.105	0.06	2.1	15.8	0.27	128	7.76	<0.01	0.29
E5577360 (5557617)	21.9	5.98	0.43	0.05	0.04	0.195	0.03	0.7	35.0	0.34	4910	14.3	<0.01	0.13
E5577361 (5557618)	23.5	5.31	0.47	0.05	0.02	0.221	0.04	0.5	20.6	0.28	1800	15.1	<0.01	0.15
E5577362 (5557619)	6.68	4.37	0.28	0.13	0.07	0.069	0.04	4.3	29.6	0.36	847	3.13	<0.01	0.39
E5577363 (5557620)	5.11	5.11	0.30	0.04	0.05	0.052	0.07	8.5	46.0	0.46	957	3.17	<0.01	0.87
E5577364 (5557621)	5.57	8.82	0.28	0.02	0.03	0.043	0.07	6.5	42.7	0.30	470	2.12	<0.01	1.28
E5269661 (5557622)	6.39	12.2	0.36	0.08	0.11	0.065	0.05	24.3	69.4	2.36	4270	1.63	<0.01	0.21
E5269662 (5557623)	7.79	14.1	0.39	0.06	0.26	0.062	0.05	23.0	79.3	2.92	4450	1.67	<0.01	<0.05
E5269663 (5557624)	6.64	12.1	0.36	0.08	0.13	0.052	0.04	22.0	74.5	2.51	3270	1.42	<0.01	<0.05
E5269664 (5557625)	6.65	10.3	0.34	0.09	0.10	0.062	0.05	21.2	63.8	1.90	1290	1.38	<0.01	0.22
E5269665 (5557626)	4.15	4.01	0.26	0.13	0.08	0.037	0.07	7.5	32.0	1.78	934	4.68	<0.01	<0.05
E5269666 (5557627)	5.62	4.01	0.30	0.06	0.13	0.040	0.07	20.3	24.8	1.01	1280	1.59	<0.01	<0.05
E5269667 (5557628)	5.39	4.61	0.26	0.23	0.18	0.044	0.06	12.2	32.5	0.91	894	2.20	<0.01	0.07
E5269668 (5557629)	5.23	4.89	0.27	0.32	0.06	0.051	0.07	12.3	33.9	0.80	384	1.52	<0.01	0.11
E5269669 (5557630)	5.50	5.72	0.28	0.17	0.28	0.053	0.06	13.7	31.6	0.91	1320	1.50	<0.01	0.12
E5269670 (5557631)	5.86	4.22	0.28	0.26	0.14	0.062	0.07	12.3	23.4	0.68	1450	2.23	<0.01	0.18
E5269671 (5557632)	6.59	4.72	0.28	0.37	0.14	0.078	0.08	13.7	31.6	1.13	1900	1.26	<0.01	0.06
E5269672 (5557633)	6.66	2.27	0.27	0.10	0.34	0.058	0.07	13.8	10.9	1.49	1410	1.53	<0.01	<0.05
E5269673 (5557634)	6.52	6.04	0.29	0.18	0.26	0.057	0.07	19.8	28.2	0.96	1410	1.45	<0.01	0.12
E5269674 (5557635)	5.50	2.14	0.21	0.05	0.82	0.045	0.04	9.0	7.0	1.22	1160	0.71	<0.01	<0.05
E5269675 (5557636)	2.72	5.09	0.25	0.23	0.02	0.018	0.10	4.6	13.3	0.73	486	5.84	0.07	0.23
E5269676 (5557637)	4.62	3.71	0.24	0.11	0.26	0.047	0.05	12.6	20.5	0.65	873	0.99	<0.01	0.07
E5269677 (5557638)	5.74	4.97	0.26	0.09	0.28	0.051	0.06	14.7	24.1	0.89	1100	0.83	<0.01	0.17
E5269678 (5557639)	5.71	3.45	0.25	0.10	0.27	0.061	0.05	13.3	20.3	1.24	1270	1.02	<0.01	0.13
E5269679 (5557640)	6.34	4.05	0.26	0.19	0.10	0.068	0.07	13.5	24.9	0.77	1580	1.49	<0.01	0.20
E5269680 (5557641)	4.98	6.37	0.24	0.03	0.11	0.049	0.05	16.1	33.2	0.84	775	0.86	<0.01	0.33
E5577495 (5557642)	8.46	10.3	0.32	0.09	0.55	0.109	0.06	26.6	55.5	1.67	2860	1.98	<0.01	0.22
E5577496 (5557643)	5.67	7.12	0.26	0.07	0.17	0.043	0.04	15.6	36.4	1.07	1170	1.02	<0.01	0.18

Certified By:

*Y. Chen*



# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y861874

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 10, 2014		DATE RECEIVED: Jul 10, 2014						DATE REPORTED: Jul 28, 2014				SAMPLE TYPE: Soil			
	Analyte:	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Sample ID (AGAT ID)	RDL:	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	0.05
E5577497 (5557644)		6.30	5.25	0.27	0.14	0.62	0.064	0.06	14.9	31.8	0.81	1350	2.29	<0.01	0.12
E5577498 (5557645)		5.85	4.02	0.26	0.19	0.14	0.053	0.06	11.4	27.4	0.67	1170	2.64	<0.01	0.10
E5577499 (5557646)		4.87	6.98	0.26	0.14	0.02	0.037	0.05	17.9	51.4	0.93	1130	1.25	<0.01	0.16
E5577500 (5557647)		12.7	2.77	0.77	0.07	<0.01	0.152	<0.01	1.0	1.5	11.3	582	1.41	0.04	0.06
E5577501 (5557648)		5.19	2.14	0.26	0.06	0.47	0.051	0.05	11.7	14.8	1.01	1780	3.18	<0.01	0.06
E5577502 (5557649)		4.31	5.94	0.26	0.16	0.02	0.038	0.06	13.6	43.2	0.82	998	1.09	<0.01	0.34
E5577503 (5557650)		4.25	5.81	0.24	0.18	0.02	0.039	0.06	12.0	41.1	0.88	1060	1.07	<0.01	0.29
E5577504 (5557651)		3.96	4.72	0.24	0.15	0.04	0.037	0.05	10.5	36.5	0.81	1060	0.98	<0.01	0.14
E5577505 (5557652)		0.06	8.37	0.25	0.09	0.08	0.052	<0.01	13.3	52.2	0.02	823	1.56	<0.01	0.34
E5577506 (5557653)		5.88	10.5	0.30	0.07	0.08	0.058	0.07	23.5	70.8	1.78	3450	1.56	<0.01	0.37
E5577507 (5557654)		6.40	12.4	0.29	0.06	0.09	0.061	0.06	22.5	85.3	2.44	4910	1.82	<0.01	0.26
E5577508 (5557655)		6.27	12.5	0.28	0.05	0.03	0.069	0.05	17.1	82.8	2.41	2770	1.36	<0.01	0.23
E5577509 (5557656)		7.49	13.8	0.31	0.06	0.05	0.067	0.05	25.3	95.4	2.82	4580	1.47	<0.01	0.14
E5269681 (5557657)		4.12	5.96	0.23	0.05	0.02	0.043	0.06	13.3	33.6	0.74	661	1.20	<0.01	0.77
E5269682 (5557658)		6.55	7.71	0.26	0.16	<0.01	0.053	0.05	11.0	197	1.08	1930	0.82	<0.01	<0.05
E5269683 (5557659)		6.19	6.89	0.28	0.07	0.01	0.041	0.05	10.5	155	1.07	3140	1.63	0.01	0.06
E5269684 (5557660)		4.14	5.91	0.29	0.33	<0.01	0.036	0.05	19.7	128	1.67	1130	1.52	<0.01	<0.05
E5269685 (5557661)		3.91	6.55	0.27	0.46	0.02	0.034	0.05	20.7	132	2.25	932	1.60	<0.01	<0.05
E5269686 (5557662)		4.36	7.23	0.27	0.07	<0.01	0.033	0.05	15.9	159	1.42	929	1.03	<0.01	<0.05
E5269687 (5557663)		2.95	7.23	0.28	0.39	0.03	0.037	0.07	23.5	98.7	3.62	452	1.37	<0.01	<0.05
E5269688 (5557664)		3.37	7.84	0.26	0.20	0.02	0.045	0.08	22.9	113	3.56	404	1.58	<0.01	0.05
E5269689 (5557665)		3.48	8.01	0.28	0.28	0.04	0.044	0.07	24.0	112	3.81	425	2.41	<0.01	0.05
E5269690 (5557666)		4.56	4.52	0.24	0.64	0.08	0.034	0.11	22.9	73.3	2.89	577	2.53	<0.01	<0.05
E5269691 (5557667)		3.13	7.32	0.24	0.36	0.02	0.033	0.08	20.3	103	3.51	346	1.57	<0.01	<0.05
E5269692 (5557668)		2.77	6.39	0.23	0.39	0.02	0.031	0.10	21.7	85.8	2.85	313	1.87	<0.01	0.07
E5269693 (5557669)		2.89	7.61	0.25	0.34	0.03	0.034	0.11	22.9	101	3.06	300	1.40	<0.01	<0.05
E5269694 (5557670)		3.02	8.35	0.26	0.21	<0.01	0.043	0.09	28.3	116	2.83	292	1.12	<0.01	0.11
E5269695 (5557671)		2.68	7.02	0.24	0.31	0.02	0.034	0.11	25.9	102	2.91	315	1.16	<0.01	<0.05
E5269696 (5557672)		4.08	4.98	0.25	0.17	0.04	0.033	0.07	23.9	82.5	1.66	449	1.67	<0.01	<0.05
E5269697 (5557673)		3.98	4.70	0.24	0.19	0.05	0.036	0.08	24.4	75.6	1.67	511	1.95	<0.01	0.07
E5269698 (5557674)		5.85	5.28	0.27	0.05	0.07	0.037	0.07	26.9	94.6	1.03	2380	1.93	<0.01	<0.05
E5269699 (5557675)		5.11	5.74	0.28	0.06	0.01	0.036	0.07	24.7	104	1.02	3600	1.58	<0.01	<0.05

Certified By:

*Y. Chen*



## Certificate of Analysis

AGAT WORK ORDER: 14Y861874

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 10, 2014

DATE RECEIVED: Jul 10, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Analyte:	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
RDL:	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	0.05
Sample ID (AGAT ID)														
E5269700 (5557676)	13.6	3.05	0.70	0.05	<0.01	0.168	<0.01	1.1	2.2	12.5	681	1.40	0.05	<0.05
E5269701 (5557677)	4.08	4.39	0.26	0.22	0.04	0.041	0.08	26.3	79.3	0.74	1360	1.29	<0.01	0.11
E5269702 (5557678)	4.29	5.74	0.27	0.13	0.04	0.030	0.09	28.3	117	1.19	3710	0.98	<0.01	<0.05
E5269703 (5557679)	4.70	5.15	0.28	0.06	0.03	0.035	0.06	26.4	103	0.92	3540	1.16	<0.01	0.08
E5269704 (5557680)	4.62	6.21	0.27	<0.02	<0.01	0.029	0.06	18.9	131	1.13	2210	0.63	<0.01	<0.05
E5269705 (5557681)	2.85	6.28	0.24	0.04	<0.01	0.039	0.06	19.6	77.2	1.17	450	1.03	<0.01	0.48
E5269706 (5557682)	3.36	6.05	0.26	0.05	<0.01	0.037	0.05	20.6	87.8	1.08	499	0.94	<0.01	0.45
E5269707 (5557683)	3.23	7.24	0.24	0.15	<0.01	0.032	0.05	12.6	43.9	0.41	378	1.52	<0.01	0.81
E5269708 (5557684)	3.61	4.13	0.23	0.24	0.02	0.050	0.04	16.5	61.1	0.36	489	0.79	<0.01	0.38
E5269709 (5557685)	3.90	4.10	0.24	0.19	0.01	0.047	0.05	18.4	73.2	0.42	339	0.84	<0.01	0.28
E5577260 (5557686)	3.27	6.20	0.23	0.04	<0.01	0.029	0.05	14.4	115	0.58	441	0.92	<0.01	0.71
E5577261 (5557687)	4.04	5.26	0.25	0.05	<0.01	0.039	0.05	20.6	88.9	0.58	713	0.90	<0.01	0.25
E5577262 (5557688)	4.27	4.68	0.24	0.15	<0.01	0.045	0.05	18.7	80.8	0.53	673	0.83	<0.01	0.14
E5577263 (5557689)	5.73	6.12	0.25	0.03	<0.01	0.033	0.06	13.5	120	0.83	2080	1.97	<0.01	0.21
E5577264 (5557690)	4.79	9.02	0.21	<0.02	<0.01	0.043	0.05	5.3	49.1	0.24	1070	2.46	<0.01	0.77
E5577265 (5557691)	5.59	8.60	0.22	0.04	<0.01	0.062	0.07	7.3	84.7	0.48	701	3.55	<0.01	1.31
E5577881 (5557692)	6.94	8.15	0.25	0.05	<0.01	0.078	0.06	3.3	76.4	0.61	227	3.16	<0.01	0.33
E5577882 (5557693)	9.06	8.07	0.27	0.03	<0.01	0.092	0.07	3.3	52.5	0.52	237	6.22	<0.01	0.42
E5577883 (5557694)	6.14	7.36	0.22	0.15	0.06	0.068	0.06	4.6	25.8	0.26	500	4.53	<0.01	0.75
E5577884 (5557695)	13.2	7.59	0.30	0.18	0.06	0.159	0.07	3.4	43.6	0.46	387	9.33	<0.01	0.48
E5577885 (5557696)	10.1	7.91	0.25	0.02	0.05	0.146	0.07	5.3	53.8	0.56	577	9.23	0.02	0.54
E5577886 (5557697)	18.3	6.31	0.33	0.04	0.08	0.208	0.06	3.0	41.9	0.42	476	14.5	0.04	0.38
E5577887 (5557698)	7.50	8.60	0.22	0.08	0.05	0.065	0.04	4.1	39.5	0.25	309	5.37	<0.01	0.84
E5577888 (5557699)	7.44	10.8	0.23	0.06	0.08	0.067	0.04	5.3	35.1	0.21	582	5.40	<0.01	1.01
E5577889 (5557700)	8.84	6.90	0.26	0.12	0.12	0.081	0.06	4.3	49.7	0.38	253	10.6	0.02	0.59
E5577890 (5557701)	15.7	8.29	0.30	0.11	0.07	0.197	0.06	2.7	40.8	0.38	506	10.6	<0.01	0.41
E5577891 (5557702)	10.0	6.74	0.27	<0.02	0.05	0.093	0.07	5.6	57.1	0.54	834	11.8	0.03	0.70
E5577892 (5557703)	5.71	7.41	0.22	<0.02	0.02	0.060	0.05	5.8	58.6	0.36	704	3.72	<0.01	0.82
E5577893 (5557704)	12.8	8.06	0.33	0.09	0.03	0.169	0.09	5.3	106	0.85	2070	8.58	0.09	0.10
E5577894 (5557705)	14.7	7.33	0.33	0.04	0.03	0.165	0.09	8.3	91.0	0.69	2750	12.3	0.10	0.12
E5577895 (5557706)	14.0	7.72	0.31	0.12	0.04	0.148	0.07	5.5	96.5	0.79	621	15.4	0.07	0.08
E5577896 (5557707)	8.13	7.28	0.27	0.02	0.06	0.089	0.07	6.3	78.4	0.64	964	9.23	0.03	0.58

Certified By:



# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y861874

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 10, 2014

DATE RECEIVED: Jul 10, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Analyte:	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
RDL:	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	0.05
Sample ID (AGAT ID)														
E5577897 (5557708)	7.04	7.06	0.26	0.02	0.06	0.086	0.10	4.7	86.4	0.66	245	13.9	0.04	0.26
E5577898 (5557709)	7.24	6.44	0.26	<0.02	0.03	0.081	0.07	8.2	83.6	0.59	459	6.27	0.04	0.76
E5577899 (5557710)	4.95	6.78	0.24	0.03	0.03	0.054	0.06	4.6	75.7	0.59	353	3.96	0.01	0.53
E5577900 (5557711)	12.9	2.84	0.68	0.04	<0.01	0.163	<0.01	1.0	2.1	11.2	592	1.36	0.04	<0.05
E5577901 (5557712)	7.73	7.18	0.25	0.27	0.10	0.080	0.05	3.5	45.5	0.29	453	6.20	<0.01	0.61
E5577902 (5557713)	7.84	9.76	0.26	0.03	0.06	0.071	0.06	2.9	64.1	0.44	159	7.67	<0.01	0.60
E5577903 (5557714)	6.43	7.62	0.26	<0.02	<0.01	0.069	0.06	5.6	65.1	0.46	253	5.47	<0.01	0.66
E5577904 (5557715)	7.15	5.28	0.27	0.12	0.17	0.074	0.07	2.6	29.1	0.28	312	6.88	<0.01	0.37
E5577905 (5557716)	10.6	7.71	0.34	0.10	<0.01	0.137	0.08	4.9	101	0.83	2110	7.83	<0.01	0.28
E5577906 (5557717)	12.6	7.61	0.34	0.05	<0.01	0.155	0.06	2.0	106	0.80	4320	6.36	<0.01	0.17
E5577907 (5557718)	10.4	7.86	0.33	0.05	0.03	0.155	0.07	2.3	119	0.82	5580	5.99	<0.01	0.18
E5577908 (5557719)	6.88	8.28	0.31	0.08	<0.01	0.096	0.08	3.5	162	1.09	7000	5.13	<0.01	0.09
E5577909 (5557720)	6.43	7.72	0.32	0.05	<0.01	0.089	0.06	4.7	146	1.15	2870	6.04	<0.01	0.14
E5578760 (5557721)	8.43	7.82	0.32	0.06	0.02	0.104	0.06	1.9	143	0.98	4930	6.58	<0.01	0.06
E5578761 (5557722)	7.27	8.01	0.30	0.04	0.04	0.112	0.06	2.7	125	0.87	7720	5.90	<0.01	0.20
E5578762 (5557723)	7.10	8.34	0.33	0.04	0.06	0.121	0.05	3.0	140	1.05	6920	4.27	<0.01	0.17
E5578763 (5557724)	6.24	8.21	0.31	0.04	0.02	0.119	0.06	3.7	138	0.95	6160	3.30	<0.01	0.23
E5578764 (5557725)	8.80	8.04	0.32	0.03	0.04	0.124	0.07	2.9	135	1.03	7710	6.76	<0.01	0.23
E5578765 (5557726)	8.13	6.38	0.23	0.07	0.07	0.093	0.07	6.7	46.7	0.98	6800	4.88	<0.01	0.46
E5578766 (5557727)	5.96	6.26	0.22	0.08	0.08	0.075	0.07	11.8	52.5	1.01	3660	4.19	<0.01	0.35

Certified By:

*Y. Chen*





# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y861874

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 10, 2014

DATE RECEIVED: Jul 10, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Analyte:	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
Unit:	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	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	0.1
Sample ID (AGAT ID)														
E5577860 (5557516)	26.9	1140	25.8	4.9	<0.001	0.092	0.45	3.5	1.1	<0.2	52.2	0.04	0.03	2.0
E5577861 (5557517)	40.0	1450	45.5	7.5	<0.001	0.087	0.62	5.6	1.2	<0.2	64.9	<0.01	0.05	3.2
E5577862 (5557518)	49.3	1850	63.9	4.5	<0.001	0.036	0.65	6.0	0.8	<0.2	62.0	<0.01	0.08	5.9
E5577863 (5557519)	48.0	1490	61.1	4.1	<0.001	0.025	0.70	6.8	0.6	<0.2	49.8	<0.01	0.07	7.7
E5577864 (5557520)	37.0	2080	70.0	5.8	<0.001	0.068	0.65	4.8	0.9	<0.2	80.3	<0.01	0.08	3.4
E5577865 (5557521)	43.1	2330	96.4	6.3	<0.001	0.060	0.51	4.8	1.0	<0.2	93.2	<0.01	0.08	4.1
E5577866 (5557522)	15.7	1030	26.5	13.7	<0.001	0.045	0.71	3.0	0.7	0.6	6.0	<0.01	0.06	3.9
E5577867 (5557523)	22.0	1520	34.5	11.7	<0.001	0.081	0.92	4.1	1.0	0.5	7.7	<0.01	0.08	5.3
E5577868 (5557524)	29.9	1810	51.1	9.4	<0.001	0.180	1.06	8.9	2.1	0.4	17.7	<0.01	0.10	9.9
E5577869 (5557525)	26.1	6070	32.1	4.7	0.004	0.734	2.03	8.7	7.1	0.3	9.0	<0.01	0.12	14.8
E5577870 (5557526)	29.2	1860	47.2	8.7	0.002	0.176	1.39	4.4	2.9	0.5	15.0	<0.01	0.09	6.5
E5577871 (5557527)	25.1	1590	44.1	9.4	<0.001	0.109	1.17	4.7	1.7	0.4	11.6	<0.01	0.08	4.9
E5577872 (5557528)	22.5	1870	40.5	9.6	<0.001	0.119	1.20	4.6	2.0	0.5	8.7	<0.01	0.08	5.3
E5577873 (5557529)	15.9	3160	46.2	6.8	0.002	0.619	1.64	6.4	4.4	0.4	7.2	<0.01	0.10	11.3
E5577874 (5557530)	11.7	4370	36.3	5.5	0.003	0.868	1.84	6.0	6.1	0.3	4.9	<0.01	0.13	16.0
E5577875 (5557531)	37.7	626	4.1	4.0	0.001	0.064	0.35	4.7	0.5	0.9	43.6	<0.01	0.01	1.2
E5577876 (5557532)	23.0	1010	54.0	9.8	<0.001	0.072	1.13	4.8	1.6	0.5	15.8	<0.01	0.06	5.6
E5577877 (5557533)	16.1	679	22.4	12.1	<0.001	0.030	0.87	2.5	0.6	0.6	8.4	<0.01	0.03	3.4
E5577878 (5557534)	18.0	985	17.3	12.4	<0.001	0.043	0.65	2.5	0.5	0.6	9.5	<0.01	0.04	2.4
E5577879 (5557535)	26.0	770	26.7	9.9	<0.001	0.043	0.74	3.1	0.7	0.4	10.0	<0.01	0.04	3.8
E5577880 (5557536)	19.3	536	21.0	12.4	<0.001	0.026	0.69	3.1	0.6	0.6	10.2	<0.01	0.03	4.0
E5578945 (5557537)	37.6	1470	29.8	4.0	<0.001	0.038	0.39	4.9	0.6	<0.2	46.5	<0.01	0.02	3.6
E5578946 (5557538)	34.2	2080	27.8	5.8	<0.001	0.070	0.43	3.7	0.6	<0.2	57.2	<0.01	0.03	2.2
E5578947 (5557539)	36.0	1670	27.7	5.9	<0.001	0.057	0.49	5.4	0.7	<0.2	50.4	<0.01	0.03	3.3
E5578948 (5557540)	41.0	1250	39.1	6.1	<0.001	0.042	0.67	3.6	0.9	<0.2	60.5	<0.01	0.05	2.0
E5578949 (5557541)	26.8	764	20.5	7.5	<0.001	0.055	0.52	4.6	0.7	<0.2	46.9	<0.01	<0.01	2.7
E5578950 (5557542)	4450	674	17.9	9.0	0.008	1.59	0.17	2.5	4.5	2.2	55.4	<0.01	0.51	1.4
E5578951 (5557543)	26.9	910	23.4	5.2	<0.001	0.042	0.47	4.0	1.0	<0.2	39.3	<0.01	0.05	2.7
E5578952 (5557544)	40.4	962	35.0	6.5	<0.001	0.071	1.14	5.5	1.1	<0.2	70.6	<0.01	0.04	2.1
E5578953 (5557545)	27.0	815	17.5	6.1	<0.001	0.062	0.45	4.1	0.9	<0.2	32.7	<0.01	0.02	2.5
E5578954 (5557546)	17.9	539	20.0	7.5	<0.001	0.036	0.39	2.5	0.5	0.2	12.9	<0.01	<0.01	2.1
E5578955 (5557547)	24.5	1000	19.3	9.1	<0.001	0.066	0.42	3.9	1.1	<0.2	27.3	<0.01	0.01	2.1

Certified By:

*Y. Chen*





# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y861874

PROJECT NO: KTL-14514-YT

5623 McADAM ROAD  
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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 10, 2014

DATE RECEIVED: Jul 10, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Analyte:	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
Unit:	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	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	0.1
Sample ID (AGAT ID)														
E5578956 (5557548)	31.5	670	17.4	6.9	<0.001	0.036	0.50	3.7	0.5	<0.2	23.0	0.01	0.02	3.0
E5578957 (5557549)	19.5	1520	17.6	9.0	<0.001	0.129	0.25	4.1	1.4	<0.2	57.4	0.04	<0.01	2.5
E5578958 (5557550)	41.0	996	41.1	6.5	<0.001	0.038	0.52	5.4	1.5	<0.2	42.4	<0.01	0.04	4.8
E5578959 (5557551)	41.2	1270	52.8	6.7	<0.001	0.052	0.63	6.0	1.5	<0.2	58.2	<0.01	0.04	4.2
E5578243 (5557552)	39.2	1150	37.6	7.4	<0.001	0.121	0.56	7.4	2.4	<0.2	49.4	<0.01	0.01	6.2
E5578244 (5557553)	45.8	777	69.8	3.5	<0.001	0.077	0.50	5.8	1.5	<0.2	29.3	<0.01	0.05	9.6
E5578245 (5557554)	43.1	1320	58.3	6.8	<0.001	0.082	0.58	5.3	1.5	<0.2	36.0	<0.01	0.08	3.3
E5578246 (5557555)	63.5	973	74.7	3.8	<0.001	0.063	0.71	5.0	0.8	<0.2	55.2	<0.01	0.10	5.2
E5578247 (5557556)	31.2	895	32.7	9.5	<0.001	0.043	0.73	3.0	0.7	0.5	14.3	<0.01	0.05	1.6
E5578248 (5557557)	34.2	1370	26.8	6.6	<0.001	0.051	0.64	4.8	1.0	<0.2	44.4	<0.01	0.02	2.4
E5578249 (5557558)	30.2	1430	18.0	7.2	<0.001	0.064	0.47	4.5	0.7	<0.2	25.9	<0.01	0.02	3.4
E5578250 (5557559)	4470	707	18.5	9.3	0.009	1.71	0.15	2.7	4.5	2.3	56.5	<0.01	0.42	1.4
E5578251 (5557560)	39.3	1710	27.0	5.6	<0.001	0.040	0.48	3.2	0.7	<0.2	51.9	<0.01	0.03	2.3
E5578252 (5557561)	28.1	2890	23.8	9.9	<0.001	0.076	0.42	2.2	0.5	<0.2	49.6	<0.01	0.04	1.9
E5578253 (5557562)	28.0	1490	16.8	7.3	<0.001	0.086	0.33	4.0	0.9	<0.2	70.7	<0.01	0.01	2.2
E5578254 (5557563)	30.8	1380	23.6	6.8	<0.001	0.088	0.44	3.9	1.1	<0.2	78.9	<0.01	0.02	1.7
E5578255 (5557564)	31.0	2280	20.8	9.7	<0.001	0.098	0.48	3.7	0.8	<0.2	47.8	<0.01	0.03	2.4
E5578256 (5557565)	40.6	1920	58.5	8.4	<0.001	0.065	0.78	2.3	0.8	<0.2	38.9	<0.01	0.06	0.9
E5578257 (5557566)	44.4	2080	63.1	7.3	<0.001	0.036	0.82	4.0	0.6	<0.2	73.9	<0.01	0.08	3.0
E5578258 (5557567)	33.5	2290	80.2	9.8	<0.001	0.066	0.99	1.3	0.7	<0.2	18.6	<0.01	0.08	0.8
E5578259 (5557568)	48.1	1400	43.7	7.9	<0.001	0.055	0.71	4.1	1.2	<0.2	82.2	<0.01	0.05	1.9
E5578710 (5557569)	52.6	1680	46.8	4.9	<0.001	0.042	0.95	6.4	0.8	<0.2	60.5	<0.01	0.05	4.0
E5578711 (5557570)	24.3	645	18.4	9.0	<0.001	0.031	0.40	3.4	0.6	<0.2	21.4	<0.01	<0.01	3.5
E5578712 (5557571)	28.6	1500	18.8	10.6	<0.001	0.110	0.54	3.5	2.0	0.3	39.6	<0.01	0.01	1.4
E5578713 (5557572)	31.1	1040	17.2	9.9	<0.001	0.052	0.61	2.9	0.7	0.3	14.5	<0.01	<0.01	1.0
E5578714 (5557573)	46.5	647	37.7	7.6	<0.001	0.025	0.61	3.0	0.5	0.2	11.6	<0.01	0.04	2.6
E5578715 (5557574)	26.5	1200	24.7	10.7	<0.001	0.096	0.80	2.1	1.6	0.4	46.3	<0.01	0.03	1.0
E5578716 (5557575)	32.6	1230	26.5	11.1	<0.001	0.086	0.52	4.7	2.6	<0.2	60.6	<0.01	0.01	2.0
E5578717 (5557576)	45.9	1060	46.8	7.6	<0.001	0.051	0.62	4.4	1.3	<0.2	46.2	<0.01	0.06	2.7
E5578718 (5557577)	38.4	1020	26.5	8.2	<0.001	0.018	0.55	7.2	1.0	0.2	33.9	<0.01	<0.01	8.0
E5578719 (5557578)	32.7	635	24.5	7.2	<0.001	0.016	0.56	6.9	1.2	<0.2	27.5	<0.01	0.01	7.3
E5578720 (5557579)	38.1	1230	31.6	7.5	<0.001	0.040	0.53	3.6	0.5	<0.2	37.4	<0.01	0.04	2.0

Certified By:

*Y. Chen*



# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y861874

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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 10, 2014

DATE RECEIVED: Jul 10, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Analyte:	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
Unit:	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	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	0.1
Sample ID (AGAT ID)														
E5578721 (5557580)	39.4	1690	68.1	7.2	<0.001	0.065	1.01	3.7	1.2	<0.2	20.8	<0.01	0.07	3.2
E5578722 (5557581)	29.8	2260	28.2	9.3	0.002	0.144	1.41	2.9	2.1	0.5	24.2	<0.01	0.08	1.7
E5578723 (5557582)	50.5	3450	56.8	8.1	0.002	0.167	1.95	7.5	3.7	0.5	25.4	<0.01	0.13	6.9
E5578724 (5557583)	29.9	5580	56.2	8.8	0.002	0.258	2.37	12.2	4.5	0.5	23.3	<0.01	0.17	11.0
E5578725 (5557584)	31.6	5540	58.6	9.0	0.003	0.274	2.32	12.3	4.7	0.5	29.0	<0.01	0.17	10.7
E5578726 (5557585)	22.4	1930	70.4	7.7	0.001	0.271	1.20	7.3	2.5	0.4	12.5	<0.01	0.09	9.4
E5578727 (5557586)	31.0	1590	44.4	11.1	<0.001	0.112	0.91	8.1	1.0	0.5	24.6	<0.01	0.08	7.7
E5577180 (5557587)	24.9	746	17.6	8.8	<0.001	0.054	0.42	4.5	0.7	<0.2	23.3	<0.01	0.02	2.8
E5577181 (5557588)	35.4	634	26.0	6.2	<0.001	0.058	0.97	2.9	1.7	<0.2	53.8	<0.01	<0.01	1.7
E5577182 (5557589)	51.0	1280	38.7	4.3	<0.001	0.079	1.29	3.4	1.3	<0.2	56.6	<0.01	0.04	1.6
E5577183 (5557590)	26.4	2800	32.8	7.9	<0.001	0.120	0.59	3.8	0.7	<0.2	93.4	<0.01	0.04	2.0
E5577184 (5557591)	28.3	1250	33.1	7.6	<0.001	0.069	0.51	4.6	0.7	<0.2	40.6	<0.01	0.02	2.6
E5577185 (5557592)	26.6	4190	99.7	11.1	<0.001	0.158	0.62	2.7	0.6	0.3	12.4	<0.01	0.06	3.2
E5577186 (5557593)	11.7	4580	27.3	10.6	<0.001	0.256	0.57	0.3	0.5	<0.2	13.2	<0.01	0.04	0.1
E5577187 (5557594)	11.1	4170	22.5	10.7	<0.001	0.277	0.59	0.2	0.6	<0.2	20.6	<0.01	0.05	<0.1
E5577188 (5557595)	13.1	3570	19.3	11.2	<0.001	0.238	0.68	0.2	0.6	<0.2	12.8	<0.01	0.06	<0.1
E5577189 (5557596)	22.8	3220	26.2	11.3	<0.001	0.086	0.61	1.3	0.7	<0.2	25.9	<0.01	0.06	0.6
E5577190 (5557597)	19.4	3840	24.4	11.4	<0.001	0.141	0.70	1.2	0.7	<0.2	27.6	<0.01	0.05	0.8
E5577191 (5557598)	22.3	2580	32.8	6.5	<0.001	0.089	0.71	0.8	0.4	<0.2	19.3	<0.01	0.11	0.7
E5577192 (5557599)	17.8	3600	32.0	11.3	<0.001	0.173	0.65	0.3	0.5	<0.2	23.7	<0.01	0.08	0.1
E5577193 (5557600)	13.1	3400	29.9	8.9	<0.001	0.281	0.54	0.2	0.6	<0.2	13.3	<0.01	0.08	<0.1
E5577194 (5557601)	27.9	2380	35.5	6.7	<0.001	0.103	0.63	1.0	0.5	<0.2	21.0	<0.01	0.09	0.7
E5577195 (5557602)	35.0	3100	51.4	9.3	<0.001	0.057	0.67	1.2	0.7	<0.2	35.5	<0.01	0.10	0.6
E5577196 (5557603)	26.7	1360	32.0	6.9	<0.001	0.043	0.68	1.0	0.4	0.2	17.6	<0.01	0.04	0.5
E5577197 (5557604)	21.8	1050	15.3	9.7	<0.001	0.043	0.47	2.7	0.4	0.3	14.6	<0.01	0.02	1.2
E5577198 (5557605)	15.2	1380	16.5	7.9	<0.001	0.069	0.41	2.9	0.4	0.4	47.4	<0.01	<0.01	1.3
E5577199 (5557606)	44.4	892	28.5	6.5	<0.001	0.011	1.02	8.0	0.6	<0.2	64.9	<0.01	0.03	5.9
E5577200 (5557607)	>10000	71	15.1	0.8	0.047	6.35	1.05	7.4	10.8	2.2	3.4	<0.01	0.92	0.6
E5577201 (5557608)	36.5	1010	30.1	10.8	<0.001	0.043	0.73	4.6	0.6	0.3	23.4	<0.01	0.10	2.9
E5577202 (5557609)	15.8	1630	19.7	9.6	<0.001	0.093	0.46	1.5	0.4	0.2	26.2	<0.01	0.06	0.5
E5577203 (5557610)	35.8	1060	31.5	6.2	<0.001	0.014	0.52	5.9	0.6	<0.2	46.6	<0.01	0.05	7.4
E5577204 (5557611)	12.8	2470	41.6	8.5	<0.001	0.160	0.48	2.9	0.7	<0.2	67.1	<0.01	0.06	1.8

Certified By:

*Y. Chen*



# Certificate of Analysis

AGAT WORK ORDER: 14Y861874

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 10, 2014

DATE RECEIVED: Jul 10, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Analyte:	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
Unit:	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	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	0.1
Sample ID (AGAT ID)														
E5577205 (5557612)	25.2	1240	24.5	7.6	<0.001	0.057	0.64	3.8	0.7	0.2	35.0	0.01	0.03	2.4
E5577206 (5557613)	39.2	1270	89.2	6.6	<0.001	0.040	0.98	4.5	0.8	<0.2	31.6	<0.01	0.09	4.1
E5577207 (5557614)	16.2	1890	24.7	11.1	<0.001	0.050	1.16	2.9	1.1	0.6	8.6	<0.01	0.08	4.8
E5577208 (5557615)	17.7	4010	34.1	8.3	0.001	0.158	2.34	7.6	3.9	0.4	7.3	<0.01	0.18	10.3
E5577209 (5557616)	17.2	5250	29.1	6.5	0.003	0.239	1.92	5.7	4.7	0.3	12.7	<0.01	0.15	11.2
E5577360 (5557617)	126	8120	38.0	3.3	0.005	1.04	2.93	13.6	8.2	0.2	6.5	<0.01	0.26	16.8
E5577361 (5557618)	27.7	5070	29.8	3.6	0.003	1.26	2.57	10.9	8.6	<0.2	3.6	<0.01	0.30	18.0
E5577362 (5557619)	23.5	1770	31.5	5.5	<0.001	0.116	1.05	5.0	2.3	0.2	67.0	<0.01	0.09	3.2
E5577363 (5557620)	63.2	1320	22.6	8.4	<0.001	0.084	0.98	7.0	1.5	0.3	16.4	<0.01	0.05	6.4
E5577364 (5557621)	14.9	876	19.6	15.0	<0.001	0.031	0.88	3.3	0.5	0.7	7.3	<0.01	0.07	3.9
E5269661 (5557622)	49.0	1170	23.3	5.8	<0.001	0.048	0.42	19.0	1.2	<0.2	20.6	<0.01	0.12	2.2
E5269662 (5557623)	60.8	769	28.9	4.0	<0.001	0.018	0.20	17.9	0.7	<0.2	19.7	<0.01	0.13	2.8
E5269663 (5557624)	54.9	870	22.4	3.8	<0.001	0.011	0.35	17.7	0.7	<0.2	14.7	<0.01	0.13	3.2
E5269664 (5557625)	44.3	1350	17.3	6.6	<0.001	0.068	0.88	21.6	0.9	<0.2	15.4	<0.01	0.13	2.2
E5269665 (5557626)	30.3	791	17.9	4.4	<0.001	0.091	0.24	10.3	0.5	<0.2	28.9	<0.01	0.11	3.4
E5269666 (5557627)	38.2	873	21.9	4.2	<0.001	0.077	0.50	9.0	0.7	<0.2	14.7	<0.01	0.13	5.3
E5269667 (5557628)	33.6	961	47.4	5.2	<0.001	0.083	1.95	10.0	1.1	<0.2	11.6	<0.01	0.15	3.0
E5269668 (5557629)	32.8	1180	40.2	6.1	<0.001	0.079	1.77	9.9	1.2	<0.2	13.3	<0.01	0.25	3.7
E5269669 (5557630)	35.6	1450	36.8	7.2	<0.001	0.068	1.86	15.4	1.2	<0.2	18.4	<0.01	0.11	2.6
E5269670 (5557631)	31.7	1450	54.9	6.4	<0.001	0.101	3.69	11.2	1.2	<0.2	16.1	<0.01	0.11	3.2
E5269671 (5557632)	31.9	1200	52.4	5.7	<0.001	0.088	2.26	13.4	1.0	<0.2	16.7	<0.01	0.07	4.9
E5269672 (5557633)	30.2	818	60.1	4.6	<0.001	0.063	5.62	9.6	0.7	<0.2	22.7	<0.01	0.05	5.8
E5269673 (5557634)	34.5	1360	28.3	6.6	<0.001	0.076	3.45	15.9	1.3	<0.2	18.5	<0.01	0.09	3.2
E5269674 (5557635)	34.5	533	23.1	3.2	<0.001	0.040	4.96	11.2	0.6	<0.2	53.0	<0.01	0.04	2.2
E5269675 (5557636)	31.0	595	4.1	4.3	<0.001	0.061	0.40	5.0	0.3	0.9	45.1	<0.01	<0.01	1.1
E5269676 (5557637)	28.8	896	28.0	5.3	<0.001	0.055	3.73	9.1	0.8	<0.2	11.2	<0.01	0.06	2.0
E5269677 (5557638)	36.0	810	24.6	4.8	<0.001	0.044	4.01	13.2	0.8	<0.2	11.3	<0.01	0.06	2.3
E5269678 (5557639)	30.1	664	33.8	4.2	<0.001	0.047	3.97	8.2	0.7	<0.2	14.4	<0.01	0.05	2.4
E5269679 (5557640)	42.7	1040	39.5	5.9	<0.001	0.065	4.89	10.2	1.2	<0.2	12.4	<0.01	0.07	2.9
E5269680 (5557641)	31.2	694	21.9	7.3	<0.001	0.023	1.02	7.1	0.6	0.2	5.6	<0.01	0.07	2.8
E5577495 (5557642)	50.4	1710	25.9	5.2	<0.001	0.068	4.60	26.6	1.4	<0.2	32.5	<0.01	0.10	2.1
E5577496 (5557643)	44.6	904	21.9	5.9	<0.001	0.042	3.95	15.7	0.7	<0.2	15.3	<0.01	0.09	2.2

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 14Y861874

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 10, 2014

DATE RECEIVED: Jul 10, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Analyte:	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
Unit:	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	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	0.1
Sample ID (AGAT ID)														
E5577497 (5557644)	45.1	790	47.9	5.1	<0.001	0.038	3.41	15.0	1.2	<0.2	15.0	<0.01	0.14	3.6
E5577498 (5557645)	32.5	842	52.5	4.5	<0.001	0.039	2.46	9.0	1.0	<0.2	10.0	<0.01	0.14	3.1
E5577499 (5557646)	37.2	808	81.2	5.2	<0.001	0.029	0.44	6.0	0.9	<0.2	10.6	<0.01	0.22	3.2
E5577500 (5557647)	>10000	89	15.0	0.8	0.047	6.46	1.06	8.2	11.0	2.4	3.2	<0.01	0.84	0.6
E5577501 (5557648)	37.7	600	49.9	3.1	<0.001	0.030	3.80	9.6	1.1	<0.2	16.8	<0.01	0.15	4.2
E5577502 (5557649)	29.8	976	41.2	6.5	<0.001	0.053	0.50	6.5	0.8	<0.2	14.7	<0.01	0.12	2.3
E5577503 (5557650)	27.1	1100	21.0	7.6	<0.001	0.064	0.44	6.6	0.7	<0.2	16.1	<0.01	0.11	2.4
E5577504 (5557651)	24.4	795	27.3	5.5	<0.001	0.059	0.37	5.8	0.4	<0.2	12.0	<0.01	0.10	1.9
E5577505 (5557652)	8.2	669	29.7	8.0	<0.001	<0.005	0.46	15.1	0.9	<0.2	27.7	<0.01	0.09	1.3
E5577506 (5557653)	45.3	1950	22.9	9.6	<0.001	0.091	0.56	17.8	1.2	0.2	25.7	<0.01	0.10	1.5
E5577507 (5557654)	51.3	1350	27.1	6.5	<0.001	0.072	0.43	18.1	1.0	<0.2	19.0	<0.01	0.11	1.8
E5577508 (5557655)	47.7	1320	30.9	6.4	<0.001	0.059	0.35	23.6	0.9	<0.2	16.6	<0.01	0.09	1.9
E5577509 (5557656)	59.5	1060	31.9	5.8	<0.001	0.033	0.34	23.5	0.9	<0.2	13.9	<0.01	0.13	2.4
E5269681 (5557657)	28.7	1090	17.2	9.8	<0.001	0.054	1.02	5.2	0.5	0.3	15.5	<0.01	0.05	1.7
E5269682 (5557658)	52.8	848	71.8	5.7	<0.001	0.042	0.69	10.5	0.5	<0.2	31.5	<0.01	0.07	8.5
E5269683 (5557659)	46.1	1260	88.3	4.6	<0.001	0.073	1.17	6.8	0.9	<0.2	33.0	<0.01	0.13	6.7
E5269684 (5557660)	43.6	941	62.5	3.9	<0.001	0.066	0.61	6.3	1.8	<0.2	31.3	<0.01	0.06	11.2
E5269685 (5557661)	40.9	912	48.4	4.3	<0.001	0.095	0.59	6.2	2.4	<0.2	30.3	<0.01	0.04	11.3
E5269686 (5557662)	39.7	770	88.1	6.5	<0.001	0.028	0.42	6.4	1.1	<0.2	15.1	<0.01	0.06	7.0
E5269687 (5557663)	30.3	893	27.2	7.2	<0.001	0.106	0.35	7.3	2.4	<0.2	61.9	<0.01	0.01	10.2
E5269688 (5557664)	33.0	904	34.1	9.8	<0.001	0.126	0.45	8.1	2.2	<0.2	69.2	<0.01	0.01	9.3
E5269689 (5557665)	32.8	934	34.1	8.2	<0.001	0.129	0.60	8.4	4.0	<0.2	72.9	<0.01	0.01	9.8
E5269690 (5557666)	46.3	1330	43.7	5.8	<0.001	0.177	0.73	6.2	2.0	<0.2	80.5	<0.01	0.05	11.5
E5269691 (5557667)	33.2	836	33.0	8.9	<0.001	0.102	0.52	6.6	2.1	<0.2	200	<0.01	0.01	10.6
E5269692 (5557668)	32.3	971	29.7	8.9	<0.001	0.121	0.55	5.8	2.0	<0.2	198	<0.01	0.01	9.7
E5269693 (5557669)	34.9	958	31.4	11.0	<0.001	0.073	0.56	6.5	1.8	<0.2	89.0	<0.01	<0.01	10.8
E5269694 (5557670)	35.1	756	28.8	10.2	<0.001	0.080	0.51	7.1	1.6	0.3	45.8	<0.01	0.01	6.5
E5269695 (5557671)	32.1	870	27.3	10.0	<0.001	0.040	0.57	6.5	1.3	<0.2	83.6	<0.01	<0.01	9.1
E5269696 (5557672)	44.3	1080	40.8	6.1	<0.001	0.123	0.69	5.8	1.4	<0.2	70.0	<0.01	0.04	8.1
E5269697 (5557673)	47.1	1460	42.5	6.1	<0.001	0.069	0.85	6.0	1.5	<0.2	96.9	<0.01	0.04	8.2
E5269698 (5557674)	62.8	2560	83.6	5.3	<0.001	0.080	1.06	7.4	1.0	<0.2	124	<0.01	0.10	9.0
E5269699 (5557675)	54.6	4120	88.0	5.6	<0.001	0.056	1.05	7.3	0.7	<0.2	208	<0.01	0.09	11.0

Certified By:

*Y. Chen*



## Certificate of Analysis

AGAT WORK ORDER: 14Y861874

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 10, 2014

DATE RECEIVED: Jul 10, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Analyte:	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
Unit:	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	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	0.1
Sample ID (AGAT ID)														
E5269700 (5557676)	>10000	96	16.1	0.9	0.051	6.90	1.15	8.8	11.5	2.5	4.2	<0.01	0.90	0.8
E5269701 (5557677)	38.6	1700	71.0	6.8	<0.001	0.092	0.79	6.3	0.9	<0.2	66.5	<0.01	0.15	3.5
E5269702 (5557678)	43.4	3410	64.5	6.0	<0.001	0.017	0.53	8.1	0.6	<0.2	119	<0.01	0.04	13.0
E5269703 (5557679)	50.2	2880	105	5.3	<0.001	0.028	0.88	7.5	0.7	<0.2	140	<0.01	0.10	8.1
E5269704 (5557680)	38.9	2310	97.9	5.2	<0.001	0.028	0.22	3.4	0.4	<0.2	109	<0.01	0.05	2.7
E5269705 (5557681)	23.3	917	22.5	12.2	<0.001	0.033	0.65	3.6	0.6	0.2	21.3	<0.01	0.01	1.7
E5269706 (5557682)	30.1	1060	23.9	8.8	<0.001	0.041	0.55	4.7	0.6	<0.2	35.4	<0.01	0.01	2.6
E5269707 (5557683)	21.4	748	19.5	10.2	<0.001	0.037	0.78	1.1	0.4	0.5	13.6	<0.01	0.02	0.4
E5269708 (5557684)	27.3	1750	26.0	6.4	<0.001	0.105	0.47	5.3	0.6	<0.2	101	0.02	0.02	2.1
E5269709 (5557685)	32.3	1610	29.7	6.4	<0.001	0.080	0.50	5.9	0.5	<0.2	83.6	0.01	0.03	2.6
E5577260 (5557686)	23.9	1170	20.5	7.5	<0.001	0.052	0.59	2.3	0.7	0.3	84.2	<0.01	0.03	1.1
E5577261 (5557687)	38.5	1710	29.8	7.5	<0.001	0.048	0.54	4.3	0.5	<0.2	43.2	<0.01	0.03	1.9
E5577262 (5557688)	31.6	1350	28.5	5.0	<0.001	0.050	0.47	7.1	0.5	<0.2	74.0	<0.01	0.03	3.6
E5577263 (5557689)	53.4	1160	89.0	7.4	<0.001	0.056	1.82	4.1	0.9	<0.2	62.0	<0.01	0.08	3.2
E5577264 (5557690)	14.8	1250	20.1	11.8	<0.001	0.036	0.71	2.7	0.5	0.7	8.7	<0.01	0.04	2.7
E5577265 (5557691)	21.2	1340	19.1	10.6	<0.001	0.040	1.00	4.0	0.7	0.7	22.0	<0.01	0.06	5.0
E5577881 (5557692)	22.1	870	60.2	8.6	<0.001	0.048	1.55	7.4	1.5	0.5	16.3	<0.01	0.08	7.1
E5577882 (5557693)	16.8	1670	59.2	9.3	<0.001	0.068	1.99	6.2	2.7	0.6	10.8	<0.01	0.09	8.1
E5577883 (5557694)	18.1	2720	25.4	10.5	<0.001	0.122	1.16	2.4	1.2	0.5	18.1	<0.01	0.09	2.3
E5577884 (5557695)	21.6	4460	44.5	9.0	<0.001	0.164	2.75	9.6	3.3	0.5	21.9	<0.01	0.14	10.0
E5577885 (5557696)	22.2	3510	49.7	9.6	0.001	0.216	2.14	8.2	2.7	0.6	57.6	<0.01	0.13	8.7
E5577886 (5557697)	32.7	5310	54.2	5.9	0.003	0.901	3.31	19.4	7.3	0.4	41.9	<0.01	0.16	15.8
E5577887 (5557698)	18.3	2050	23.3	9.6	<0.001	0.098	1.50	4.1	1.5	0.6	11.0	<0.01	0.12	3.9
E5577888 (5557699)	17.4	1830	25.3	9.9	<0.001	0.060	1.32	4.3	1.6	0.8	10.8	<0.01	0.09	4.1
E5577889 (5557700)	23.6	2740	40.9	11.1	0.002	0.191	2.44	4.6	3.3	0.5	32.9	<0.01	0.14	5.4
E5577890 (5557701)	21.7	4790	56.8	10.2	<0.001	0.237	3.33	9.9	3.5	0.5	24.3	<0.01	0.19	11.2
E5577891 (5557702)	27.5	3020	41.1	9.2	<0.001	0.277	2.48	5.4	4.0	0.5	35.0	<0.01	0.12	7.1
E5577892 (5557703)	20.2	1470	24.0	11.5	<0.001	0.078	1.08	3.4	1.0	0.6	15.8	<0.01	0.05	2.6
E5577893 (5557704)	65.5	5320	40.9	8.8	0.003	0.736	1.97	20.5	2.8	0.7	83.9	<0.01	0.09	21.3
E5577894 (5557705)	61.9	6190	48.2	9.0	0.003	0.953	2.57	19.9	4.0	0.6	78.0	<0.01	0.12	20.6
E5577895 (5557706)	50.4	5570	34.8	6.4	0.004	0.649	2.57	20.2	3.8	0.6	66.8	<0.01	0.11	20.6
E5577896 (5557707)	35.8	2650	33.7	8.9	0.002	0.217	1.85	10.0	2.8	0.6	36.8	<0.01	0.09	8.2

Certified By:

*Y. Chen*



# Certificate of Analysis

AGAT WORK ORDER: 14Y861874

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 10, 2014

DATE RECEIVED: Jul 10, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Analyte:	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
Unit:	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	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	0.1
Sample ID (AGAT ID)														
E5577897 (5557708)	22.7	1700	49.2	8.4	0.006	0.458	2.01	7.1	2.6	0.6	72.7	<0.01	0.13	6.2
E5577898 (5557709)	32.0	1870	28.1	8.8	0.002	0.280	1.56	6.2	2.0	0.4	41.9	<0.01	0.07	6.8
E5577899 (5557710)	25.5	1330	27.8	8.9	<0.001	0.102	1.08	4.0	1.4	0.4	16.3	<0.01	0.06	2.4
E5577900 (5557711)	>10000	84	15.5	0.9	0.047	6.30	1.22	8.7	11.0	2.6	3.2	<0.01	0.90	0.5
E5577901 (5557712)	23.4	2550	31.3	9.8	<0.001	0.118	1.62	4.9	1.9	0.5	11.3	<0.01	0.17	5.7
E5577902 (5557713)	18.2	1290	38.4	12.6	<0.001	0.047	1.55	3.4	3.0	0.7	8.7	<0.01	0.09	5.6
E5577903 (5557714)	19.6	903	43.6	9.1	<0.001	0.064	1.58	4.4	2.4	0.6	12.9	<0.01	0.08	5.7
E5577904 (5557715)	15.8	3710	22.0	8.9	<0.001	0.221	1.88	4.7	3.3	0.4	9.4	<0.01	0.11	3.4
E5577905 (5557716)	40.3	3950	48.4	9.3	0.002	0.186	2.01	12.1	3.0	0.6	27.3	<0.01	0.15	15.4
E5577906 (5557717)	62.5	3790	40.5	7.8	0.002	0.280	1.82	12.8	2.9	0.6	9.1	<0.01	0.13	14.4
E5577907 (5557718)	76.3	3620	54.3	9.5	0.002	0.184	1.72	14.6	2.8	0.6	13.3	<0.01	0.12	15.9
E5577908 (5557719)	94.9	2140	53.9	8.8	0.002	0.073	1.19	11.8	1.5	0.7	22.4	<0.01	0.07	12.4
E5577909 (5557720)	59.4	1280	55.5	8.9	0.003	0.027	1.02	13.2	1.5	0.6	6.1	<0.01	0.05	10.3
E5578760 (5557721)	85.3	2120	41.9	6.9	0.003	0.107	1.37	12.1	2.3	0.6	12.5	<0.01	0.09	12.6
E5578761 (5557722)	68.4	2200	52.4	9.3	0.001	0.058	1.26	10.9	2.0	0.7	7.3	<0.01	0.08	9.2
E5578762 (5557723)	70.3	1830	66.4	8.1	0.001	0.056	1.24	15.7	1.9	0.7	8.4	<0.01	0.10	8.6
E5578763 (5557724)	61.7	1590	48.4	8.7	0.001	0.047	1.03	14.0	1.6	0.6	6.9	<0.01	0.09	7.9
E5578764 (5557725)	96.5	2260	55.7	7.1	0.002	0.068	1.51	14.3	2.1	0.6	10.9	<0.01	0.10	11.8
E5578765 (5557726)	72.4	2590	43.1	8.6	0.002	0.074	1.15	11.3	1.8	0.6	10.1	<0.01	0.09	8.4
E5578766 (5557727)	69.1	1680	37.9	6.8	0.003	0.055	0.94	10.3	1.2	0.6	10.8	<0.01	0.10	6.7

Certified By:



# Certificate of Analysis

AGAT WORK ORDER: 14Y861874

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 10, 2014

DATE RECEIVED: Jul 10, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Analyte:	Ti	Ti	U	V	W	Y	Zn	Zr
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
Sample ID (AGAT ID)								
E5577860 (5557516)	0.006	0.07	7.03	14.4	<0.05	17.3	98.9	4.1
E5577861 (5557517)	0.008	0.09	6.02	16.2	<0.05	21.7	106	6.7
E5577862 (5557518)	0.005	0.09	3.10	15.2	<0.05	21.3	109	7.5
E5577863 (5557519)	0.006	0.08	2.55	14.1	<0.05	17.7	121	7.6
E5577864 (5557520)	0.009	0.11	2.81	18.2	<0.05	23.3	90.4	8.1
E5577865 (5557521)	0.007	0.12	2.34	19.1	<0.05	28.0	101	4.3
E5577866 (5557522)	0.014	0.11	0.61	39.1	<0.05	3.14	71.8	1.4
E5577867 (5557523)	0.020	0.12	0.91	35.8	0.09	3.41	82.4	0.9
E5577868 (5557524)	0.012	0.16	1.38	31.9	<0.05	7.19	79.4	1.8
E5577869 (5557525)	0.006	0.29	1.41	50.4	<0.05	3.94	71.9	2.3
E5577870 (5557526)	0.013	0.26	0.89	37.7	<0.05	4.76	75.0	1.7
E5577871 (5557527)	0.014	0.19	1.11	31.4	<0.05	5.17	77.2	1.2
E5577872 (5557528)	0.021	0.17	1.00	40.0	0.07	4.33	75.9	0.6
E5577873 (5557529)	0.007	0.25	0.73	43.2	<0.05	3.00	60.5	7.6
E5577874 (5557530)	0.007	0.24	0.66	51.5	<0.05	2.39	45.9	7.6
E5577875 (5557531)	0.134	0.05	0.33	51.0	0.69	7.40	40.8	6.5
E5577876 (5557532)	0.024	0.21	1.12	35.8	0.09	5.11	69.9	1.4
E5577877 (5557533)	0.029	0.11	0.64	44.7	0.20	2.64	76.1	0.7
E5577878 (5557534)	0.019	0.09	0.57	38.6	0.09	2.67	87.1	0.8
E5577879 (5557535)	0.015	0.10	1.14	35.1	0.07	3.48	101	2.4
E5577880 (5557536)	0.018	0.13	0.79	41.3	0.13	3.42	70.6	2.4
E5578945 (5557537)	0.006	0.06	1.27	15.7	<0.05	21.2	102	4.6
E5578946 (5557538)	0.006	0.06	1.27	16.3	<0.05	19.4	94.9	3.3
E5578947 (5557539)	0.009	0.06	1.17	17.0	<0.05	20.6	109	4.7
E5578948 (5557540)	0.007	0.07	11.0	15.4	<0.05	19.6	103	2.0
E5578949 (5557541)	0.012	0.09	6.12	20.0	0.13	17.0	73.8	3.2
E5578950 (5557542)	0.128	0.10	0.35	35.2	1.87	5.73	72.8	3.0
E5578951 (5557543)	0.011	0.07	4.29	17.4	0.06	15.9	79.4	3.1
E5578952 (5557544)	0.010	0.09	3.45	18.8	0.05	29.4	68.7	2.9
E5578953 (5557545)	0.011	0.08	5.36	21.3	0.07	15.9	77.6	4.1
E5578954 (5557546)	0.015	0.10	3.65	27.9	0.14	7.98	56.4	1.5
E5578955 (5557547)	0.014	0.09	9.42	21.6	0.06	17.7	86.3	3.7

Certified By:





# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y861874

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 10, 2014

DATE RECEIVED: Jul 10, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Analyte:	Ti	Ti	U	V	W	Y	Zn	Zr
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
Sample ID (AGAT ID)								
E5578956 (5557548)	0.016	0.09	3.73	27.4	0.15	7.78	77.2	2.8
E5578957 (5557549)	0.010	0.09	10.6	20.8	<0.05	18.1	75.4	6.9
E5578958 (5557550)	0.010	0.10	10.3	24.4	<0.05	18.5	123	3.6
E5578959 (5557551)	0.006	0.10	8.81	21.0	<0.05	23.1	101	7.1
E5578243 (5557552)	0.009	0.15	3.35	21.7	<0.05	22.6	182	7.7
E5578244 (5557553)	0.005	0.07	2.24	16.4	<0.05	17.6	158	27.6
E5578245 (5557554)	0.010	0.12	3.95	21.9	<0.05	27.3	103	4.2
E5578246 (5557555)	0.006	0.10	4.24	16.7	<0.05	19.2	122	2.0
E5578247 (5557556)	0.030	0.17	5.82	46.4	0.26	10.6	82.3	1.1
E5578248 (5557557)	0.016	0.08	5.87	21.8	0.07	22.9	90.0	2.5
E5578249 (5557558)	0.011	0.06	2.07	18.6	<0.05	15.0	92.7	6.3
E5578250 (5557559)	0.133	0.10	0.35	36.2	1.91	5.77	79.3	2.9
E5578251 (5557560)	0.008	0.06	1.87	17.5	<0.05	20.9	99.4	2.2
E5578252 (5557561)	0.008	0.10	2.27	19.8	<0.05	14.4	80.6	3.6
E5578253 (5557562)	0.008	0.08	4.96	16.9	<0.05	23.3	66.1	5.3
E5578254 (5557563)	0.010	0.08	3.62	19.0	0.06	22.7	71.5	3.5
E5578255 (5557564)	0.011	0.10	5.15	21.9	0.08	21.2	73.9	4.7
E5578256 (5557565)	0.011	0.14	3.04	28.7	0.08	20.5	101	1.0
E5578257 (5557566)	0.015	0.13	2.41	24.6	0.05	19.3	101	<0.5
E5578258 (5557567)	0.017	0.15	2.16	30.9	0.07	8.75	98.6	1.2
E5578259 (5557568)	0.008	0.10	3.75	17.7	<0.05	24.6	117	0.8
E5578710 (5557569)	0.006	0.09	1.74	14.3	<0.05	25.4	113	2.2
E5578711 (5557570)	0.015	0.10	3.78	30.6	0.06	9.91	85.7	1.8
E5578712 (5557571)	0.023	0.16	22.9	37.1	0.15	16.7	78.0	2.0
E5578713 (5557572)	0.025	0.13	1.57	38.0	0.16	13.4	102	0.6
E5578714 (5557573)	0.018	0.11	1.40	29.9	0.09	6.62	94.2	<0.5
E5578715 (5557574)	0.031	0.13	30.5	38.8	0.21	11.4	92.6	1.3
E5578716 (5557575)	0.010	0.11	27.2	24.2	0.05	27.3	109	3.6
E5578717 (5557576)	0.009	0.10	14.0	21.9	0.09	18.6	110	2.6
E5578718 (5557577)	0.031	0.13	3.85	34.7	0.09	18.8	130	6.5
E5578719 (5557578)	0.020	0.09	10.9	31.2	0.07	19.2	96.8	4.0
E5578720 (5557579)	0.006	0.09	2.79	17.6	<0.05	13.7	94.9	1.3

Certified By:

*Y. Chen.*





# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y861874

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 10, 2014

DATE RECEIVED: Jul 10, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Analyte:	Ti	Ti	U	V	W	Y	Zn	Zr
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
Sample ID (AGAT ID)								
E5578721 (5557580)	0.017	0.19	1.97	23.6	0.05	20.0	103	1.1
E5578722 (5557581)	0.020	0.25	1.18	43.5	0.16	6.20	76.0	1.4
E5578723 (5557582)	0.014	0.31	1.98	46.3	<0.05	10.5	96.7	8.6
E5578724 (5557583)	0.011	0.30	2.03	41.9	<0.05	10.2	81.9	11.3
E5578725 (5557584)	0.012	0.31	2.10	42.3	<0.05	10.0	86.5	9.5
E5578726 (5557585)	0.012	0.22	1.10	31.5	<0.05	5.13	72.2	3.4
E5578727 (5557586)	0.019	0.16	1.80	30.9	0.05	7.63	86.9	1.3
E5577180 (5557587)	0.016	0.10	2.66	24.2	0.10	15.0	90.6	3.5
E5577181 (5557588)	0.016	0.24	5.53	37.3	0.07	15.5	88.3	2.3
E5577182 (5557589)	0.009	0.07	5.22	17.4	0.11	19.4	111	2.7
E5577183 (5557590)	0.013	0.11	4.64	25.2	0.08	24.2	68.6	3.6
E5577184 (5557591)	0.008	0.08	2.96	19.3	<0.05	18.6	103	5.5
E5577185 (5557592)	0.018	0.15	1.64	33.6	0.06	9.21	79.8	7.0
E5577186 (5557593)	<0.005	0.15	1.63	23.1	<0.05	5.69	45.6	<0.5
E5577187 (5557594)	<0.005	0.14	1.21	25.6	<0.05	5.40	47.2	<0.5
E5577188 (5557595)	<0.005	0.15	1.70	25.6	0.05	5.79	42.0	<0.5
E5577189 (5557596)	0.011	0.15	1.40	27.5	<0.05	7.22	63.2	1.2
E5577190 (5557597)	0.012	0.14	1.72	26.6	0.05	9.36	55.1	2.3
E5577191 (5557598)	0.012	0.13	1.28	32.0	0.14	5.19	61.9	1.6
E5577192 (5557599)	<0.005	0.13	1.85	26.4	0.07	6.95	51.6	<0.5
E5577193 (5557600)	<0.005	0.10	1.13	25.2	0.10	5.09	48.3	<0.5
E5577194 (5557601)	0.014	0.10	1.48	31.0	0.11	6.77	72.7	1.8
E5577195 (5557602)	0.014	0.12	2.44	32.6	0.09	12.0	91.5	1.0
E5577196 (5557603)	0.019	0.10	0.83	35.3	0.22	4.93	59.7	0.8
E5577197 (5557604)	0.018	0.15	1.82	37.0	0.16	7.80	68.6	0.7
E5577198 (5557605)	0.012	0.17	4.09	40.3	0.10	9.62	50.9	1.6
E5577199 (5557606)	0.039	0.09	1.28	36.6	0.07	21.0	100	2.0
E5577200 (5557607)	0.023	0.03	0.10	41.7	0.43	2.72	40.0	2.1
E5577201 (5557608)	0.018	0.14	3.20	34.1	0.17	12.6	91.3	1.9
E5577202 (5557609)	0.013	0.11	1.67	28.1	0.08	4.90	56.9	0.6
E5577203 (5557610)	0.019	0.08	2.37	28.8	<0.05	14.5	107	4.4
E5577204 (5557611)	0.009	0.19	2.09	26.6	<0.05	8.82	35.6	6.1

Certified By:

*Y. Chen*



## Certificate of Analysis

AGAT WORK ORDER: 14Y861874

PROJECT NO: KTL-14514-YT

5623 McADAM ROAD  
MISSISSAUGA, ONTARIO  
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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 10, 2014

DATE RECEIVED: Jul 10, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Analyte:	Ti	Ti	U	V	W	Y	Zn	Zr
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
Sample ID (AGAT ID)								
E5577205 (5557612)	0.017	0.11	3.78	35.4	0.12	12.5	76.8	2.6
E5577206 (5557613)	0.015	0.18	2.45	30.3	0.06	17.1	129	1.1
E5577207 (5557614)	0.022	0.18	0.70	65.3	0.16	2.35	84.8	1.2
E5577208 (5557615)	0.018	0.24	1.90	59.4	<0.05	5.20	60.5	11.5
E5577209 (5557616)	0.009	0.18	1.59	46.4	<0.05	5.96	44.3	21.1
E5577360 (5557617)	<0.005	0.53	1.97	85.6	<0.05	7.84	132	5.0
E5577361 (5557618)	<0.005	0.30	1.41	79.0	<0.05	3.33	59.2	5.5
E5577362 (5557619)	0.008	0.14	2.41	30.4	<0.05	10.0	70.6	3.8
E5577363 (5557620)	0.024	0.20	2.21	40.0	0.14	14.0	114	1.4
E5577364 (5557621)	0.023	0.12	0.60	48.6	0.15	3.06	86.4	1.4
E5269661 (5557622)	0.015	0.12	0.52	85.1	<0.05	30.0	102	1.5
E5269662 (5557623)	0.011	0.16	0.28	100	<0.05	19.6	111	2.0
E5269663 (5557624)	0.015	0.08	0.36	94.5	0.07	22.6	106	2.6
E5269664 (5557625)	0.010	0.08	0.41	74.2	0.08	28.6	88.7	2.1
E5269665 (5557626)	<0.005	0.08	0.44	21.2	<0.05	9.86	68.3	5.6
E5269666 (5557627)	<0.005	0.08	0.42	29.2	<0.05	12.5	89.0	3.5
E5269667 (5557628)	<0.005	0.12	0.66	26.2	<0.05	21.0	87.4	6.9
E5269668 (5557629)	<0.005	0.11	1.24	27.3	0.05	25.3	82.9	10.3
E5269669 (5557630)	0.005	0.11	0.81	43.3	0.06	26.3	87.5	4.3
E5269670 (5557631)	0.006	0.14	1.23	34.3	0.11	28.2	109	7.8
E5269671 (5557632)	<0.005	0.15	0.82	28.6	0.10	34.6	104	10.9
E5269672 (5557633)	<0.005	0.16	0.82	21.0	0.29	20.8	91.6	4.0
E5269673 (5557634)	0.005	0.13	0.69	52.3	0.30	32.2	88.9	4.7
E5269674 (5557635)	<0.005	0.13	0.43	44.1	0.52	16.0	69.5	1.3
E5269675 (5557636)	0.127	0.06	0.32	56.5	0.54	7.48	38.2	6.5
E5269676 (5557637)	<0.005	0.09	0.54	34.9	0.19	19.5	77.5	3.2
E5269677 (5557638)	0.008	0.08	0.49	49.4	0.19	22.8	89.7	2.3
E5269678 (5557639)	0.006	0.11	0.61	31.8	0.26	22.4	105	3.0
E5269679 (5557640)	0.008	0.19	0.85	32.7	0.15	26.5	135	5.2
E5269680 (5557641)	0.011	0.12	0.61	52.2	0.16	10.2	88.1	0.9
E5577495 (5557642)	0.008	0.13	0.52	116	0.62	36.1	107	1.9
E5577496 (5557643)	0.010	0.11	0.44	65.7	0.18	19.2	84.8	1.6

Certified By:



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## Certificate of Analysis

AGAT WORK ORDER: 14Y861874

PROJECT NO: KTL-14514-YT

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

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 10, 2014

DATE RECEIVED: Jul 10, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Analyte:	Ti	Ti	U	V	W	Y	Zn	Zr
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
Sample ID (AGAT ID)								
E5577497 (5557644)	0.007	0.19	0.71	42.4	0.15	25.6	111	4.4
E5577498 (5557645)	0.006	0.16	0.88	24.2	<0.05	20.3	102	6.1
E5577499 (5557646)	0.007	0.11	1.16	31.9	<0.05	15.8	80.4	5.1
E5577500 (5557647)	0.024	0.03	0.09	38.0	0.40	2.73	40.4	2.1
E5577501 (5557648)	<0.005	0.34	0.75	15.9	<0.05	21.9	106	1.6
E5577502 (5557649)	0.013	0.10	1.09	30.9	0.06	15.3	71.2	3.6
E5577503 (5557650)	0.010	0.09	0.82	29.9	<0.05	15.6	75.2	4.0
E5577504 (5557651)	0.006	0.08	0.58	22.9	<0.05	13.6	62.5	3.9
E5577505 (5557652)	<0.005	0.12	0.44	12.8	0.05	23.6	<0.5	1.7
E5577506 (5557653)	0.018	0.14	0.67	74.8	0.07	29.8	103	1.3
E5577507 (5557654)	0.018	0.12	0.49	97.7	0.05	27.5	107	1.0
E5577508 (5557655)	0.014	0.10	0.41	111	<0.05	27.8	94.5	0.9
E5577509 (5557656)	0.015	0.13	0.39	99.5	<0.05	33.3	111	1.0
E5269681 (5557657)	0.021	0.13	0.83	49.8	0.32	8.77	87.3	1.1
E5269682 (5557658)	<0.005	0.08	2.78	22.5	<0.05	8.72	130	13.4
E5269683 (5557659)	0.008	0.14	4.13	22.8	<0.05	11.2	108	5.5
E5269684 (5557660)	<0.005	0.09	4.08	23.1	<0.05	18.6	163	23.0
E5269685 (5557661)	<0.005	0.11	3.63	23.4	<0.05	19.3	164	29.8
E5269686 (5557662)	0.006	0.11	3.64	26.5	<0.05	25.0	142	4.6
E5269687 (5557663)	0.007	0.13	4.01	29.0	<0.05	18.9	135	26.3
E5269688 (5557664)	0.009	0.16	3.92	33.8	<0.05	19.4	179	13.2
E5269689 (5557665)	0.008	0.16	5.22	32.3	<0.05	22.2	179	19.8
E5269690 (5557666)	0.006	0.16	7.04	18.4	<0.05	19.1	139	39.1
E5269691 (5557667)	0.006	0.17	8.44	28.4	<0.05	16.9	128	24.4
E5269692 (5557668)	0.006	0.17	9.98	25.6	<0.05	14.9	112	24.3
E5269693 (5557669)	0.006	0.17	6.61	30.6	<0.05	17.3	125	23.9
E5269694 (5557670)	0.007	0.14	5.39	34.8	<0.05	21.0	118	9.4
E5269695 (5557671)	0.006	0.15	5.05	26.6	<0.05	17.6	114	20.8
E5269696 (5557672)	<0.005	0.10	5.51	21.7	<0.05	16.7	103	10.5
E5269697 (5557673)	<0.005	0.15	8.50	22.8	<0.05	17.9	117	10.0
E5269698 (5557674)	<0.005	0.15	3.86	20.9	<0.05	25.8	123	3.6
E5269699 (5557675)	<0.005	0.19	6.15	21.1	<0.05	30.0	125	7.6

Certified By:

*Y. Chen*



**AGAT** Laboratories

# Certificate of Analysis

AGAT WORK ORDER: 14Y861874

PROJECT NO: KTL-14514-YT

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

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 10, 2014

DATE RECEIVED: Jul 10, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Analyte:	Ti	Ti	U	V	W	Y	Zn	Zr
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
Sample ID (AGAT ID)								
E5269700 (5557676)	0.027	0.04	0.12	44.6	0.45	2.98	46.3	2.5
E5269701 (5557677)	0.006	0.11	3.97	19.9	<0.05	24.2	104	6.2
E5269702 (5557678)	<0.005	0.14	2.15	18.0	<0.05	26.6	118	11.7
E5269703 (5557679)	0.008	0.20	4.52	23.2	<0.05	30.7	132	3.5
E5269704 (5557680)	<0.005	0.09	1.88	20.7	<0.05	19.7	119	0.5
E5269705 (5557681)	0.017	0.12	3.30	36.3	0.13	11.5	85.1	1.0
E5269706 (5557682)	0.018	0.08	3.16	34.4	0.07	15.3	92.4	1.4
E5269707 (5557683)	0.024	0.17	0.99	47.9	0.27	4.70	76.7	<0.5
E5269708 (5557684)	0.007	0.10	2.44	20.3	<0.05	23.5	83.0	4.7
E5269709 (5557685)	0.007	0.09	3.16	20.0	<0.05	24.4	101	4.0
E5577260 (5557686)	0.014	0.13	11.0	39.5	0.11	9.83	63.6	1.0
E5577261 (5557687)	0.008	0.10	1.79	30.6	<0.05	23.3	122	1.1
E5577262 (5557688)	0.006	0.07	1.30	20.1	<0.05	24.8	104	4.3
E5577263 (5557689)	0.012	0.17	4.79	33.7	<0.05	15.9	145	1.3
E5577264 (5557690)	0.014	0.13	0.68	51.4	0.08	2.60	66.5	0.7
E5577265 (5557691)	0.019	0.15	0.81	53.3	0.16	3.31	87.0	1.3
E5577881 (5557692)	0.011	0.16	1.28	32.3	<0.05	6.85	81.1	3.6
E5577882 (5557693)	0.014	0.21	1.10	40.6	<0.05	5.22	78.7	1.7
E5577883 (5557694)	0.021	0.11	1.31	45.0	0.10	3.33	73.1	3.7
E5577884 (5557695)	0.016	0.21	1.99	62.4	0.07	7.11	87.1	6.2
E5577885 (5557696)	0.015	0.34	2.93	51.6	0.05	5.22	82.1	1.1
E5577886 (5557697)	0.012	0.30	2.98	75.9	<0.05	7.94	82.8	2.4
E5577887 (5557698)	0.022	0.14	1.22	52.7	0.11	4.71	70.7	2.6
E5577888 (5557699)	0.026	0.13	1.23	64.6	0.11	5.26	63.3	2.0
E5577889 (5557700)	0.016	0.35	1.26	45.7	0.08	6.41	75.3	4.1
E5577890 (5557701)	0.013	0.29	2.00	69.1	<0.05	6.12	102	4.2
E5577891 (5557702)	0.020	0.45	1.41	54.6	0.15	7.88	96.2	0.8
E5577892 (5557703)	0.016	0.20	1.10	42.4	0.11	5.32	78.5	0.6
E5577893 (5557704)	0.006	0.42	4.59	47.2	<0.05	14.9	189	10.0
E5577894 (5557705)	0.006	0.55	5.29	51.4	<0.05	13.9	177	4.7
E5577895 (5557706)	<0.005	0.37	6.46	52.5	<0.05	16.0	192	12.9
E5577896 (5557707)	0.017	0.38	2.42	49.2	0.10	14.6	106	0.9

**Certified By:**

*Y. Chen.*



**AGAT** Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y861874

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 10, 2014

DATE RECEIVED: Jul 10, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Analyte:	Ti	Ti	U	V	W	Y	Zn	Zr
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
Sample ID (AGAT ID)								
E5577897 (5557708)	0.008	0.28	2.00	42.9	<0.05	7.57	71.3	1.5
E5577898 (5557709)	0.021	0.32	1.74	42.5	0.13	7.98	92.4	1.0
E5577899 (5557710)	0.016	0.18	1.52	40.7	0.06	6.82	84.4	0.9
E5577900 (5557711)	0.024	0.03	0.09	41.5	0.47	2.74	41.0	2.1
E5577901 (5557712)	0.018	0.18	1.42	45.3	0.07	5.50	70.3	8.1
E5577902 (5557713)	0.014	0.24	0.88	48.5	<0.05	3.95	82.5	1.9
E5577903 (5557714)	0.020	0.23	1.18	40.3	0.08	5.21	78.3	0.8
E5577904 (5557715)	0.012	0.27	1.62	39.4	<0.05	6.54	50.8	3.5
E5577905 (5557716)	0.010	0.47	2.78	44.9	<0.05	11.3	112	6.3
E5577906 (5557717)	0.008	0.49	2.04	43.8	<0.05	9.40	119	4.2
E5577907 (5557718)	0.008	0.60	2.43	37.4	<0.05	11.9	131	4.0
E5577908 (5557719)	0.007	0.54	2.82	34.6	<0.05	18.0	165	6.7
E5577909 (5557720)	0.007	0.27	2.05	34.1	<0.05	24.3	170	0.8
E5578760 (5557721)	0.006	0.51	1.97	34.2	<0.05	11.2	176	5.0
E5578761 (5557722)	0.008	0.47	2.27	32.2	<0.05	17.3	150	0.9
E5578762 (5557723)	0.007	0.50	2.19	33.6	<0.05	22.3	138	0.6
E5578763 (5557724)	0.009	0.29	1.93	30.4	<0.05	20.4	131	0.6
E5578764 (5557725)	0.010	0.61	2.52	37.0	<0.05	15.7	195	1.4
E5578765 (5557726)	0.011	0.44	2.33	35.0	0.07	27.5	169	<0.5
E5578766 (5557727)	0.007	0.26	2.16	30.3	0.05	35.7	144	0.8

Comments: RDL - Reported Detection Limit

Certified By:

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## Certificate of Analysis

AGAT WORK ORDER: 14Y861874

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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 10, 2014

DATE RECEIVED: Jul 10, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	RDL:	0.01	0.001
E5577860 (5557516)		0.35	0.004
E5577861 (5557517)		0.32	0.003
E5577862 (5557518)		0.47	0.003
E5577863 (5557519)		0.45	0.002
E5577864 (5557520)		0.40	0.001
E5577865 (5557521)		0.51	0.019
E5577866 (5557522)		0.55	0.002
E5577867 (5557523)		0.51	0.003
E5577868 (5557524)		0.58	0.002
E5577869 (5557525)		0.61	0.004
E5577870 (5557526)		0.67	0.003
E5577871 (5557527)		0.48	0.003
E5577872 (5557528)		0.65	0.004
E5577873 (5557529)		0.53	0.003
E5577874 (5557530)		0.55	0.003
E5577875 (5557531)		0.05	0.002
E5577876 (5557532)		0.74	0.003
E5577877 (5557533)		0.53	0.002
E5577878 (5557534)		0.45	0.001
E5577879 (5557535)		0.46	<0.001
E5577880 (5557536)		0.56	0.002
E5578945 (5557537)		0.35	0.003
E5578946 (5557538)		0.53	0.002
E5578947 (5557539)		0.42	0.002
E5578948 (5557540)		0.53	0.003
E5578949 (5557541)		0.38	0.006
E5578950 (5557542)		0.05	0.049
E5578951 (5557543)		0.45	0.007
E5578952 (5557544)		0.34	0.002
E5578953 (5557545)		0.43	0.005
E5578954 (5557546)		0.44	0.003

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## Certificate of Analysis

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CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 10, 2014

DATE RECEIVED: Jul 10, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	RDL:	0.01	0.001
E5578955 (5557547)		0.38	0.027
E5578956 (5557548)		0.65	0.004
E5578957 (5557549)		0.38	0.004
E5578958 (5557550)		0.35	0.007
E5578959 (5557551)		0.46	0.005
E5578243 (5557552)		0.57	0.009
E5578244 (5557553)		0.54	0.024
E5578245 (5557554)		0.47	0.004
E5578246 (5557555)		0.51	0.003
E5578247 (5557556)		0.40	<0.001
E5578248 (5557557)		0.46	0.025
E5578249 (5557558)		0.45	0.006
E5578250 (5557559)		0.05	0.052
E5578251 (5557560)		0.47	0.002
E5578252 (5557561)		0.46	0.001
E5578253 (5557562)		0.32	0.003
E5578254 (5557563)		0.35	0.007
E5578255 (5557564)		0.46	0.002
E5578256 (5557565)		0.33	0.001
E5578257 (5557566)		0.42	0.014
E5578258 (5557567)		0.45	0.001
E5578259 (5557568)		0.41	0.005
E5578710 (5557569)		0.36	0.003
E5578711 (5557570)		0.42	0.006
E5578712 (5557571)		0.41	0.003
E5578713 (5557572)		0.32	0.002
E5578714 (5557573)		0.48	0.004
E5578715 (5557574)		0.30	0.002
E5578716 (5557575)		0.42	0.003
E5578717 (5557576)		0.48	0.006
E5578718 (5557577)		0.44	0.021

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**AGAT** Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y861874

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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 10, 2014

DATE RECEIVED: Jul 10, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	RDL:	0.01	0.001
E5578719 (5557578)		0.36	0.004
E5578720 (5557579)		0.46	0.004
E5578721 (5557580)		0.52	0.004
E5578722 (5557581)		0.35	0.006
E5578723 (5557582)		0.42	0.004
E5578724 (5557583)		0.39	0.042
E5578725 (5557584)		0.39	0.008
E5578726 (5557585)		0.43	0.004
E5578727 (5557586)		0.42	0.002
E5577180 (5557587)		0.36	0.005
E5577181 (5557588)		0.41	0.019
E5577182 (5557589)		0.32	0.005
E5577183 (5557590)		0.43	0.004
E5577184 (5557591)		0.34	0.002
E5577185 (5557592)		0.47	0.003
E5577186 (5557593)		0.34	<0.001
E5577187 (5557594)		0.38	0.003
E5577188 (5557595)		0.43	0.004
E5577189 (5557596)		0.52	0.002
E5577190 (5557597)		0.47	0.014
E5577191 (5557598)		0.42	0.003
E5577192 (5557599)		0.37	<0.001
E5577193 (5557600)		0.35	0.005
E5577194 (5557601)		0.47	0.004
E5577195 (5557602)		0.46	0.003
E5577196 (5557603)		0.53	0.002
E5577197 (5557604)		0.42	0.002
E5577198 (5557605)		0.29	0.003
E5577199 (5557606)		0.49	0.004
E5577200 (5557607)		0.08	0.051
E5577201 (5557608)		0.36	0.002

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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 10, 2014

DATE RECEIVED: Jul 10, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	RDL:	0.01	0.001
E5577202 (5557609)		0.35	0.003
E5577203 (5557610)		0.56	0.003
E5577204 (5557611)		0.25	0.005
E5577205 (5557612)		0.36	0.006
E5577206 (5557613)		0.52	0.004
E5577207 (5557614)		0.48	0.003
E5577208 (5557615)		0.48	0.006
E5577209 (5557616)		0.42	0.006
E5577360 (5557617)		0.55	0.005
E5577361 (5557618)		0.54	0.003
E5577362 (5557619)		0.38	0.008
E5577363 (5557620)		0.40	0.003
E5577364 (5557621)		0.54	0.002
E5269661 (5557622)		0.48	0.038
E5269662 (5557623)		0.37	0.059
E5269663 (5557624)		0.53	0.035
E5269664 (5557625)		0.42	0.021
E5269665 (5557626)		0.40	0.013
E5269666 (5557627)		0.53	0.012
E5269667 (5557628)		0.47	0.011
E5269668 (5557629)		0.38	0.008
E5269669 (5557630)		0.40	0.021
E5269670 (5557631)		0.31	0.008
E5269671 (5557632)		0.42	0.006
E5269672 (5557633)		0.54	0.005
E5269673 (5557634)		0.39	0.023
E5269674 (5557635)		0.43	0.007
E5269675 (5557636)		0.05	0.003
E5269676 (5557637)		0.41	0.006
E5269677 (5557638)		0.41	0.009
E5269678 (5557639)		0.44	0.005

Certified By:



**AGAT** Laboratories

# Certificate of Analysis

AGAT WORK ORDER: 14Y861874

PROJECT NO: KTL-14514-YT

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

CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

DATE SAMPLED: Jul 10, 2014

DATE RECEIVED: Jul 10, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	RDL:	0.01	0.001
E5269679 (5557640)		0.42	0.006
E5269680 (5557641)		0.38	0.003
E5577495 (5557642)		0.35	0.027
E5577496 (5557643)		0.51	0.015
E5577497 (5557644)		0.40	0.015
E5577498 (5557645)		0.45	0.007
E5577499 (5557646)		0.51	0.005
E5577500 (5557647)		0.08	0.033
E5577501 (5557648)		0.46	0.007
E5577502 (5557649)		0.45	0.009
E5577503 (5557650)		0.45	0.004
E5577504 (5557651)		0.37	0.004
E5577505 (5557652)		0.43	0.009
E5577506 (5557653)		0.42	0.042
E5577507 (5557654)		0.40	0.052
E5577508 (5557655)		0.47	0.020
E5577509 (5557656)		0.46	0.042
E5269681 (5557657)		0.34	0.005
E5269682 (5557658)		0.66	0.013
E5269683 (5557659)		0.51	0.005
E5269684 (5557660)		0.47	0.006
E5269685 (5557661)		0.55	0.006
E5269686 (5557662)		0.64	0.004
E5269687 (5557663)		0.63	0.025
E5269688 (5557664)		0.53	0.007
E5269689 (5557665)		0.65	0.008
E5269690 (5557666)		0.68	0.019
E5269691 (5557667)		0.68	0.013
E5269692 (5557668)		0.53	0.029
E5269693 (5557669)		0.50	0.018
E5269694 (5557670)		0.44	0.014

Certified By:

*Y. Chen*



**AGAT** Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y861874

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 10, 2014

DATE RECEIVED: Jul 10, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	RDL:	0.01	0.001
E5269695 (5557671)		0.50	0.015
E5269696 (5557672)		0.48	0.007
E5269697 (5557673)		0.44	0.013
E5269698 (5557674)		0.50	0.003
E5269699 (5557675)		0.62	0.003
E5269700 (5557676)		0.08	0.050
E5269701 (5557677)		0.40	0.005
E5269702 (5557678)		0.50	0.003
E5269703 (5557679)		0.48	0.003
E5269704 (5557680)		0.58	0.003
E5269705 (5557681)		0.40	0.006
E5269706 (5557682)		0.46	0.004
E5269707 (5557683)		0.33	0.003
E5269708 (5557684)		0.27	0.007
E5269709 (5557685)		0.20	0.004
E5577260 (5557686)		0.29	0.003
E5577261 (5557687)		0.36	0.003
E5577262 (5557688)		0.43	0.005
E5577263 (5557689)		0.49	0.003
E5577264 (5557690)		0.33	0.003
E5577265 (5557691)		0.36	0.002
E5577881 (5557692)		0.50	0.004
E5577882 (5557693)		0.66	0.015
E5577883 (5557694)		0.42	0.005
E5577884 (5557695)		0.46	0.004
E5577885 (5557696)		0.43	0.006
E5577886 (5557697)		0.46	0.008
E5577887 (5557698)		0.52	0.054
E5577888 (5557699)		0.47	0.005
E5577889 (5557700)		0.30	0.005
E5577890 (5557701)		0.58	0.005

Certified By:



**AGAT** Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 14Y861874

PROJECT NO: KTL-14514-YT

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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 10, 2014

DATE RECEIVED: Jul 10, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Soil

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	RDL:	0.01	0.001
E5577891 (5557702)		0.57	0.005
E5577892 (5557703)		0.43	0.003
E5577893 (5557704)		0.73	0.004
E5577894 (5557705)		0.52	0.005
E5577895 (5557706)		0.56	0.005
E5577896 (5557707)		0.70	0.006
E5577897 (5557708)		0.55	0.007
E5577898 (5557709)		0.53	0.004
E5577899 (5557710)		0.49	0.003
E5577900 (5557711)		0.08	0.036
E5577901 (5557712)		0.52	0.004
E5577902 (5557713)		0.58	0.005
E5577903 (5557714)		0.43	0.006
E5577904 (5557715)		0.45	0.007
E5577905 (5557716)		0.62	0.006
E5577906 (5557717)		0.55	0.004
E5577907 (5557718)		0.51	0.004
E5577908 (5557719)		0.52	0.005
E5577909 (5557720)		0.54	0.003
E5578760 (5557721)		0.53	0.004
E5578761 (5557722)		0.56	0.004
E5578762 (5557723)		0.57	0.006
E5578763 (5557724)		0.58	0.005
E5578764 (5557725)		0.52	0.005
E5578765 (5557726)		0.52	0.004
E5578766 (5557727)		0.38	0.038

Comments: RDL - Reported Detection Limit

Certified By:

*Y. Chen*



CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	5557516	0.08	0.14		5557535	< 0.01	< 0.01	0.0%	5557569	0.395	0.356	10.4%	5557588	3.47	3.70	6.4%
Al	5557604	1.63	1.65	1.2%	5557623	3.72	4.13	10.4%	5557646	2.06	2.12	2.9%	5557661	1.98	1.92	3.1%
As	5557516	14.3	14.3	0.0%	5557535	13.2	13.9	5.2%	5557569	24.6	24.1	2.1%	5557588	30.3	30.3	0.0%
B	5557516	< 5	< 5	0.0%	5557535	< 5	< 5	0.0%	5557569	< 5	< 5	0.0%	5557588	< 5	< 5	0.0%
Ba	5557604	134	137	2.2%	5557623	438	483	9.8%	5557646	100	99	1.0%	5557661	54	51	5.7%
Be	5557516	0.71	0.70	1.4%	5557535	1.07	1.09	1.9%	5557569	0.993	1.02	2.7%	5557588	0.779	0.735	5.8%
Bi	5557516	0.25	0.24	4.1%	5557535	0.49	0.51	4.0%	5557569	0.45	0.45	0.0%	5557588	0.23	0.23	0.0%
Ca	5557604	0.140	0.135	3.6%	5557623	0.33	0.36	8.7%	5557646	0.329	0.338	2.7%	5557661	0.63	0.62	1.6%
Cd	5557516	0.44	0.45	2.2%	5557535	0.14	0.14	0.0%	5557569	0.183	0.191	4.3%	5557588	1.14	1.15	0.9%
Ce	5557516	41.7	40.7	2.4%	5557535	8.14	8.39	3.0%	5557569	36.9	36.0	2.5%	5557588	61.8	63.2	2.2%
Co	5557516	12.1	12.1	0.0%	5557535	10.1	10.6	4.8%	5557569	23.9	23.8	0.4%	5557588	13.1	13.0	0.8%
Cr	5557604	26.0	25.6	1.6%	5557623	50.0	55.3	10.1%	5557646	24.2	24.4	0.8%	5557661	41.7	39.8	4.7%
Cs	5557516	0.914	0.919	0.5%	5557535	1.90	1.88	1.1%	5557569	2.06	2.02	2.0%	5557588	0.57	0.57	0.0%
Cu	5557604	19.6	18.6	5.2%	5557623	337	391	14.8%	5557646	105	106	0.9%	5557661	94.0	90.5	3.8%
Fe	5557604	2.65	2.70	1.9%	5557623	7.79	8.66	10.6%	5557646	4.87	4.96	1.8%	5557661	3.91	3.83	2.1%
Ga	5557516	2.99	3.04	1.7%	5557535	7.36	7.59	3.1%	5557569	3.61	3.56	1.4%	5557588	4.28	4.24	0.9%
Ge	5557516	0.213	0.216	1.4%	5557535	0.21	0.21	0.0%	5557569	0.25	0.25	0.0%	5557588	0.25	0.24	4.1%
Hf	5557516	0.23	0.16		5557535	0.035	0.034	2.9%	5557569	0.063	0.077	20.0%	5557588	0.072	0.077	6.7%
Hg	5557516	0.09	0.10	10.5%	5557535	0.05	0.05	0.0%	5557569	0.09	0.10	10.5%	5557588	0.33	0.34	3.0%
In	5557516	0.030	0.030	0.0%	5557535	0.0420	0.0446	6.0%	5557569	0.041	0.040	2.5%	5557588	0.030	0.029	3.4%
K	5557604	0.05	0.05	0.0%	5557623	0.054	0.060	10.5%	5557646	0.05	0.05	0.0%	5557661	0.05	0.05	0.0%
La	5557516	23.1	23.0	0.4%	5557535	3.3	3.3	0.0%	5557569	18.2	17.5	3.9%	5557588	26.3	26.1	0.8%
Li	5557516	20.8	21.2	1.9%	5557535	42.2	42.8	1.4%	5557569	28.1	27.9	0.7%	5557588	42.1	42.2	0.2%
Mg	5557604	0.639	0.646	1.1%	5557623	2.92	3.25	10.7%	5557646	0.93	0.94	1.1%	5557661	2.25	2.18	3.2%
Mn	5557604	326	325	0.3%	5557623	4450	4840	8.4%	5557646	1130	1120	0.9%	5557661	932	901	3.4%
Mo	5557516	0.735	0.765	4.0%	5557535	2.27	2.36	3.9%	5557569	0.918	0.891	3.0%	5557588	3.37	3.36	0.3%
Na	5557604	< 0.01	< 0.01	0.0%	5557623	< 0.01	< 0.01	0.0%	5557646	< 0.01	< 0.01	0.0%	5557661	< 0.01	< 0.01	0.0%
Nb	5557516	0.49	0.33		5557535	0.84	0.85	1.2%	5557569	0.134	0.137	2.2%	5557588	0.42	0.42	0.0%
Ni	5557604	21.8	21.1	3.3%	5557623	60.8	66.6	9.1%	5557646	37.2	37.6	1.1%	5557661	40.9	39.3	4.0%
P	5557604	1050	1030	1.9%	5557623	769	833	8.0%	5557646	808	848	4.8%	5557661	912	863	5.5%
Pb	5557516	25.8	25.4	1.6%	5557535	26.7	27.5	3.0%	5557569	46.8	46.3	1.1%	5557588	26.0	26.4	1.5%



CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

Rb	5557516	4.92	5.07	3.0%	5557535	9.9	9.9	0.0%	5557569	4.87	4.62	5.3%	5557588	6.2	6.1	1.6%
Re	5557516	< 0.001	< 0.001	0.0%	5557535	< 0.001	< 0.001	0.0%	5557569	< 0.001	< 0.001	0.0%	5557588	< 0.001	< 0.001	0.0%
S	5557604	0.0429	0.0435	1.4%	5557623	0.0184	0.0191	3.7%	5557646	0.029	0.034	15.9%	5557661	0.095	0.093	2.1%
Sb	5557516	0.446	0.429	3.9%	5557535	0.74	0.75	1.3%	5557569	0.95	0.96	1.0%	5557588	0.967	0.911	6.0%
Sc	5557516	3.53	3.57	1.1%	5557535	3.1	3.2	3.2%	5557569	6.41	6.13	4.5%	5557588	2.94	2.97	1.0%
Se	5557516	1.1	1.1	0.0%	5557535	0.74	0.77	4.0%	5557569	0.80	0.74	7.8%	5557588	1.68	1.64	2.4%
Sn	5557516	< 0.2	< 0.2	0.0%	5557535	0.4	0.4	0.0%	5557569	< 0.2	< 0.2	0.0%	5557588	< 0.2	< 0.2	0.0%
Sr	5557516	52.2	52.6	0.8%	5557535	10.0	10.3	3.0%	5557569	60.5	58.6	3.2%	5557588	53.8	52.6	2.3%
Ta	5557516	0.04	0.02		5557535	< 0.01	< 0.01	0.0%	5557569	< 0.01	< 0.01	0.0%	5557588	< 0.01	< 0.01	0.0%
Te	5557516	0.03	0.02		5557535	0.04	0.05	22.2%	5557569	0.054	0.059	8.8%	5557588	< 0.01	0.02	
Th	5557516	2.01	1.91	5.1%	5557535	3.8	3.9	2.6%	5557569	3.96	3.89	1.8%	5557588	1.67	1.65	1.2%
Ti	5557604	0.018	0.018	0.0%	5557623	0.011	0.011	0.0%	5557646	0.007	0.007	0.0%	5557661	< 0.005	< 0.005	0.0%
Tl	5557516	0.07	0.07	0.0%	5557535	0.10	0.10	0.0%	5557569	0.086	0.083	3.6%	5557588	0.242	0.248	2.4%
U	5557516	7.03	6.99	0.6%	5557535	1.14	1.18	3.4%	5557569	1.74	1.72	1.2%	5557588	5.53	5.60	1.3%
V	5557604	37.0	36.4	1.6%	5557623	100	109	8.6%	5557646	31.9	32.9	3.1%	5557661	23.4	21.2	9.9%
W	5557516	< 0.05	< 0.05	0.0%	5557535	0.07	0.07	0.0%	5557569	< 0.05	< 0.05	0.0%	5557588	0.069	0.063	9.1%
Y	5557516	17.3	17.3	0.0%	5557535	3.48	3.60	3.4%	5557569	25.4	25.4	0.0%	5557588	15.5	15.2	2.0%
Zn	5557604	68.6	68.7	0.1%	5557623	111	138	21.7%	5557646	80.4	81.8	1.7%	5557661	164	157	4.4%
Zr	5557516	4.07	3.78	7.4%	5557535	2.4	2.4	0.0%	5557569	2.22	2.69	19.1%	5557588	2.3	2.3	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	5557604	0.03	0.06		5557623	0.07	0.12		5557646	0.09	0.08	11.8%	5557661	0.11	0.10	9.5%
Al	5557680	2.20	2.04	7.5%	5557691	2.31	2.26	2.2%	5557710	1.91	1.85	3.2%				
As	5557604	10.6	10.4	1.9%	5557623	5.68	5.77	1.6%	5557646	20.8	20.2	2.9%	5557661	27.9	28.1	0.7%
B	5557604	< 5	< 5	0.0%	5557623	< 5	< 5	0.0%	5557646	< 5	< 5	0.0%	5557661	< 5	< 5	0.0%
Ba	5557680	65	62	4.7%	5557691	181	177	2.2%	5557710	66	64	3.1%	5557661	55	54	1.8%
Be	5557604	0.77	0.80	3.8%	5557623	1.80	1.76	2.2%	5557646	2.37	2.34	1.3%	5557661	1.90	1.92	1.0%
Bi	5557604	0.28	0.28	0.0%	5557623	0.26	0.26	0.0%	5557646	0.41	0.40	2.5%	5557661	0.46	0.46	0.0%
Ca	5557680	0.536	0.503	6.4%	5557691	0.20	0.20	0.0%	5557710	0.027	0.025	7.7%				
Cd	5557604	0.117	0.112	4.4%	5557623	0.690	0.654	5.4%	5557646	0.22	0.22	0.0%	5557661	0.36	0.36	0.0%
Ce	5557604	33.1	33.1	0.0%	5557623	58.3	56.0	4.0%	5557646	38.4	40.2	4.6%	5557661	43.9	41.8	4.9%
Co	5557604	8.6	8.6	0.0%	5557623	108	102	5.7%	5557646	51.5	48.8	5.4%	5557661	32.1	31.3	2.5%
Cr	5557680	25.5	24.7	3.2%	5557691	36.0	34.5	4.3%	5557710	32.1	31.5	1.9%				
Cs	5557604	1.09	1.10	0.9%	5557623	5.06	4.72	7.0%	5557646	8.23	8.27	0.5%	5557661	3.35	3.17	5.5%



CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

Cu	5557680	83.3	78.5	5.9%	5557691	33.7	31.6	6.4%	5557710	59.4	59.3	0.2%				
Fe	5557680	4.62	4.27	7.9%	5557691	5.59	5.52	1.3%	5557710	4.95	4.91	0.8%				
Ga	5557604	5.72	5.51	3.7%	5557623	14.1	13.5	4.3%	5557646	6.98	6.94	0.6%	5557661	6.55	6.45	1.5%
Ge	5557604	0.23	0.23	0.0%	5557623	0.387	0.371	4.2%	5557646	0.26	0.27	3.8%	5557661	0.274	0.278	1.4%
Hf	5557604	0.03	0.03	0.0%	5557623	0.059	0.065	9.7%	5557646	0.14	0.13	7.4%	5557661	0.46	0.46	0.0%
Hg	5557604	0.03	< 0.01		5557623	0.26	0.22	16.7%	5557646	0.02	0.02	0.0%	5557661	0.02	< 0.01	
In	5557604	0.029	0.030	3.4%	5557623	0.0622	0.0583	6.5%	5557646	0.037	0.039	5.3%	5557661	0.0338	0.0346	2.3%
K	5557680	0.06	0.06	0.0%	5557691	0.07	0.07	0.0%	5557710	0.06	0.06	0.0%				
La	5557604	15.1	15.0	0.7%	5557623	23.0	22.3	3.1%	5557646	17.9	18.8	4.9%	5557661	20.7	19.7	5.0%
Li	5557604	36.6	35.5	3.1%	5557623	79.3	78.7	0.8%	5557646	51.4	50.8	1.2%	5557661	132	129	2.3%
Mg	5557680	1.13	1.06	6.4%	5557691	0.48	0.47	2.1%	5557710	0.588	0.571	2.9%				
Mn	5557680	2210	2180	1.4%	5557691	701	672	4.2%	5557710	353	344	2.6%				
Mo	5557604	0.959	0.925	3.6%	5557623	1.67	1.68	0.6%	5557646	1.25	1.20	4.1%	5557661	1.60	1.53	4.5%
Na	5557680	< 0.01	< 0.01	0.0%	5557691	< 0.01	< 0.01	0.0%	5557710	0.01	< 0.01					
Nb	5557604	0.635	0.591	7.2%	5557623	< 0.05	< 0.05	0.0%	5557646	0.16	0.15	6.5%	5557661	< 0.05	< 0.05	0.0%
Ni	5557680	38.9	38.3	1.6%	5557691	21.2	20.1	5.3%	5557710	25.5	24.0	6.1%				
P	5557680	2310	2280	1.3%	5557691	1340	1280	4.6%	5557710	1330	1300	2.3%				
Pb	5557604	15.3	15.4	0.7%	5557623	28.9	28.4	1.7%	5557646	81.2	79.0	2.7%	5557661	48.4	46.9	3.1%
Rb	5557604	9.7	9.6	1.0%	5557623	4.0	3.9	2.5%	5557646	5.17	5.09	1.6%	5557661	4.3	4.1	4.8%
Re	5557604	< 0.001	< 0.001	0.0%	5557623	< 0.001	< 0.001	0.0%	5557646	< 0.001	< 0.001	0.0%	5557661	< 0.001	< 0.001	0.0%
S	5557680	0.0285	0.0288	1.0%	5557691	0.0396	0.0368	7.3%	5557710	0.102	0.099	3.0%				
Sb	5557604	0.47	0.46	2.2%	5557623	0.202	0.215	6.2%	5557646	0.436	0.432	0.9%	5557661	0.586	0.573	2.2%
Sc	5557604	2.7	2.7	0.0%	5557623	17.9	17.7	1.1%	5557646	6.0	6.0	0.0%	5557661	6.24	6.31	1.1%
Se	5557604	0.4	0.4	0.0%	5557623	0.7	0.7	0.0%	5557646	0.91	1.01	10.4%	5557661	2.40	2.57	6.8%
Sn	5557604	0.3	0.3	0.0%	5557623	< 0.2	< 0.2	0.0%	5557646	< 0.2	< 0.2	0.0%	5557661	< 0.2	< 0.2	0.0%
Sr	5557604	14.6	14.3	2.1%	5557623	19.7	19.1	3.1%	5557646	10.6	10.3	2.9%	5557661	30.3	29.8	1.7%
Ta	5557604	< 0.01	< 0.01	0.0%	5557623	< 0.01	< 0.01	0.0%	5557646	< 0.01	< 0.01	0.0%	5557661	< 0.01	< 0.01	0.0%
Te	5557604	0.02	0.03		5557623	0.135	0.157	15.1%	5557646	0.224	0.229	2.2%	5557661	0.038	0.032	17.1%
Th	5557604	1.24	1.26	1.6%	5557623	2.8	2.7	3.6%	5557646	3.2	3.2	0.0%	5557661	11.3	11.2	0.9%
Ti	5557680	< 0.005	< 0.005	0.0%	5557691	0.019	0.019	0.0%	5557710	0.016	0.016	0.0%				
Tl	5557604	0.15	0.15	0.0%	5557623	0.158	0.154	2.6%	5557646	0.11	0.11	0.0%	5557661	0.11	0.11	0.0%
U	5557604	1.82	1.83	0.5%	5557623	0.28	0.28	0.0%	5557646	1.16	1.16	0.0%	5557661	3.63	3.64	0.3%
V	5557680	20.7	19.8	4.4%	5557691	53.3	51.2	4.0%	5557710	40.7	36.4	11.2%	5557661	20.4	20.7	1.5%
W	5557604	0.156	0.154	1.3%	5557623	< 0.05	< 0.05	0.0%	5557646	< 0.05	< 0.05	0.0%	5557661	< 0.05	< 0.05	0.0%



CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

Y	5557604	7.80	7.61	2.5%	5557623	19.6	19.0	3.1%	5557646	15.8	15.5	1.9%	5557661	19.3	19.3	0.0%
Zn	5557680	119	111	7.0%	5557691	87.0	86.2	0.9%	5557710	84.4	80.8	4.4%				
Zr	5557604	0.7	0.6	15.4%	5557623	2.04	2.23	8.9%	5557646	5.08	4.54	11.2%	5557661	29.8	30.1	1.0%
	REPLICATE #9				REPLICATE #10				REPLICATE #11							
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Ag	5557680	0.11	0.11	0.0%	5557691	0.12	0.17		5557710	0.05	0.11					
As	5557680	11.5	11.2	2.6%	5557691	24.9	25.1	0.8%	5557710	21.3	22.0	3.2%				
B	5557680	< 5	< 5	0.0%	5557691	< 5	< 5	0.0%	5557710	< 5	< 5	0.0%				
Ba	5557680	65	67	3.0%	5557691	189	194	2.6%	5557710	69	69	0.0%				
Be	5557680	3.13	3.25	3.8%	5557691	2.14	2.06	3.8%	5557710	2.33	2.39	2.5%				
Bi	5557680	0.57	0.57	0.0%	5557691	0.436	0.434	0.5%	5557710	0.47	0.47	0.0%				
Cd	5557680	0.115	0.123	6.7%	5557691	0.26	0.27	3.8%	5557710	0.172	0.177	2.9%				
Ce	5557680	42.4	40.7	4.1%	5557691	16.0	16.1	0.6%	5557710	11.8	11.5	2.6%				
Co	5557680	34.9	35.4	1.4%	5557691	11.5	11.6	0.9%	5557710	13.0	13.3	2.3%				
Cs	5557680	5.32	5.31	0.2%	5557691	1.77	1.85	4.4%	5557710	3.13	3.14	0.3%				
Ga	5557680	6.21	6.16	0.8%	5557691	8.60	8.80	2.3%	5557710	6.78	6.90	1.8%				
Ge	5557680	0.27	0.27	0.0%	5557691	0.22	0.22	0.0%	5557710	0.24	0.24	0.0%				
Hf	5557680	< 0.02	< 0.02	0.0%	5557691	0.04	0.02		5557710	0.033	0.025	27.6%				
Hg	5557680	< 0.01	0.01		5557691	< 0.01	0.01		5557710	0.03	0.02					
In	5557680	0.029	0.029	0.0%	5557691	0.062	0.059	5.0%	5557710	0.0544	0.0557	2.4%				
La	5557680	18.9	18.0	4.9%	5557691	7.34	7.53	2.6%	5557710	4.58	4.44	3.1%				
Li	5557680	131	129	1.5%	5557691	84.7	83.7	1.2%	5557710	75.7	78.2	3.2%				
Mo	5557680	0.63	0.63	0.0%	5557691	3.55	3.49	1.7%	5557710	3.96	4.17	5.2%				
Nb	5557680	< 0.05	< 0.05	0.0%	5557691	1.31	1.30	0.8%	5557710	0.53	0.53	0.0%				
Pb	5557680	97.9	97.3	0.6%	5557691	19.1	19.1	0.0%	5557710	27.8	28.7	3.2%				
Rb	5557680	5.2	5.2	0.0%	5557691	10.6	11.0	3.7%	5557710	8.9	8.9	0.0%				
Re	5557680	< 0.001	< 0.001	0.0%	5557691	< 0.001	< 0.001	0.0%	5557710	< 0.001	< 0.001	0.0%				
Sb	5557680	0.216	0.210	2.8%	5557691	1.00	0.98	2.0%	5557710	1.08	1.13	4.5%				
Sc	5557680	3.4	3.4	0.0%	5557691	4.04	4.07	0.7%	5557710	4.04	4.19	3.6%				
Se	5557680	0.4	0.4	0.0%	5557691	0.7	0.6	15.4%	5557710	1.4	1.4	0.0%				
Sn	5557680	< 0.2	< 0.2	0.0%	5557691	0.7	0.7	0.0%	5557710	0.44	0.46	4.4%				
Sr	5557680	109	108	0.9%	5557691	22.0	22.3	1.4%	5557710	16.3	16.6	1.8%				
Ta	5557680	< 0.01	< 0.01	0.0%	5557691	< 0.01	< 0.01	0.0%	5557710	< 0.01	< 0.01	0.0%				
Te	5557680	0.05	0.05	0.0%	5557691	0.056	0.042	28.6%	5557710	0.06	0.06	0.0%				





CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

Th	5557680	2.7	2.5	7.7%	5557691	5.01	5.11	2.0%	5557710	2.42	2.50	3.3%				
Tl	5557680	0.09	0.09	0.0%	5557691	0.151	0.155	2.6%	5557710	0.176	0.175	0.6%				
U	5557680	1.88	1.90	1.1%	5557691	0.814	0.805	1.1%	5557710	1.52	1.55	2.0%				
V	5557680	16.8	17.1	1.8%	5557691	48.3	49.4	2.3%	5557710	36.2	36.0	0.6%				
W	5557680	< 0.05	< 0.05	0.0%	5557691	0.16	0.16	0.0%	5557710	0.061	0.068	10.9%				
Y	5557680	19.7	19.6	0.5%	5557691	3.31	3.37	1.8%	5557710	6.82	6.95	1.9%				
Zr	5557680	0.5	0.4	22.2%	5557691	1.33	1.25	6.2%	5557710	0.9	0.8	11.8%				

### (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	5557667	0.013	0.014	7.4%	5557530	0.003	0.003	0.0%	5557696	0.006	0.006	0.0%	5557708	0.007	0.007	0.0%
	REPLICATE #5				REPLICATE #6											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	5557570	0.006	0.006	0.0%	5557587	0.005	0.004	22.2%								



CLIENT NAME: AURORA GEOSCIENCES

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

	CRM #1 (ref.CFRM-100)				CRM #2 (ref.CFRM-100)				CRM #3 (ref.CFRM-100)				CRM #4 (ref.CFRM-100)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Co	180	181	101%	90% - 110%	180	172	96%	90% - 110%	180	181	100%	90% - 110%	180	181	101%	90% - 110%
Cu	3494	3622	104%	90% - 110%	3494	3344	96%	90% - 110%	3494	3475	99%	90% - 110%	3494	3229	92%	90% - 110%
Ni	2985	2984	100%	90% - 110%	2985	2740	92%	90% - 110%	2985	2788	93%	90% - 110%	2985	2700	90%	90% - 110%
	CRM #5 (ref.CFRM-100)				CRM #6 (ref.CFRM-100)				CRM #7 (ref.CFRM-100)				CRM #8 (ref.CFRM-100)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Co	180	185	103%	90% - 110%	180	173	96%	90% - 110%	180	172	96%	90% - 110%	180	166	92%	90% - 110%
Cu	3494	3245	93%	90% - 110%	3494	3450	99%	90% - 110%	3494	3476	99%	90% - 110%	3494	3601	103%	90% - 110%
Ni	2985	2736	92%	90% - 110%	2985	2847	95%	90% - 110%	2985	2795	94%	90% - 110%	2985	2972	100%	90% - 110%
	CRM #9 (ref.CFRM-100)				CRM #10 (ref.CFRM-100)				CRM #11 (ref.CFRM-100)				CRM #12 (ref.CFRM-100)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Co	180	172	96%	90% - 110%	180	171	95%	90% - 110%	180	167	93%	90% - 110%	180	171	95%	90% - 110%
	CRM #13 (ref.CFRM-100)				CRM #14 (ref.CFRM-100)											
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Co	180	173	96%	90% - 110%	180	178	99%	90% - 110%								

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

	CRM #1 (1P5K)				CRM #2 (GSP7J)				CRM #3 (1P5K)				CRM #4 (GS6D)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	1.44	1.30	90%	90% - 110%	0.722	0.715	99%	90% - 110%	1.44	1.42	99%	90% - 110%	6.09	6.02	99%	90% - 110%
	CRM #5 (GSP7J)															
Parameter	Expect	Actual	Recovery	Limits												
Au	0.722	0.692	96%	90% - 110%												



## Method Summary

CLIENT NAME: AURORA GEOSCIENCES

AGAT WORK ORDER: 14Y861874

PROJECT NO: KTL-14514-YT

ATTENTION TO: DAVE WHITE, GABE FORTIN

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

## Method Summary

CLIENT NAME: AURORA GEOSCIENCES

AGAT WORK ORDER: 14Y861874

PROJECT NO: KTL-14514-YT

ATTENTION TO: DAVE WHITE, GABE FORTIN

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