



**CLIENT NAME: MISC AGAT CLIENT ON, ON
(403)**

ATTENTION TO: Scott Berdahl; Ron Berdahl

PROJECT:

AGAT WORK ORDER: 16T141787

SOLID ANALYSIS REVIEWED BY: Brandon Wang, Spectroscopy Supervisor

DATE REPORTED: Oct 14, 2016

PAGES (INCLUDING COVER): 24

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

***NOTES**

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



Certificate of Analysis

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PROJECT:

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

CLIENT NAME: MISC AGAT CLIENT ON

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

DATE SAMPLED: Sep 29, 2016	DATE RECEIVED: Sep 27, 2016										DATE REPORTED: Oct 14, 2016			SAMPLE TYPE: Other	
Analyte:	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	
RDL:	0.01	0.01	0.1	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05	
751 (7885320)	<0.01	1.57	51.2	0.019	<5	328	1.57	0.19	0.35	0.18	49.1	20.5	32.7	3.77	
752 (7885321)	0.06	1.60	40.7	<0.005	<5	345	1.67	0.13	0.54	0.19	49.1	17.8	28.1	6.19	
753 (7885322)	<0.01	1.35	86.2	0.019	<5	194	1.53	0.41	0.26	0.18	46.5	18.4	26.5	5.58	
754 (7885323)	<0.01	1.59	47.0	0.014	<5	316	1.79	0.16	0.44	0.11	53.2	16.5	29.6	7.28	
755 (7885324)	<0.01	1.56	47.9	0.005	5	350	1.69	0.13	0.37	0.08	49.6	17.8	30.0	5.55	
756 (7885325)	<0.01	1.55	59.5	<0.005	<5	326	1.72	0.10	0.37	0.08	54.9	19.4	29.6	4.40	
757 (7885326)	0.04	1.58	68.6	0.018	<5	281	1.88	0.21	0.43	0.11	56.4	19.2	30.1	7.16	
758 (7885327)	<0.01	0.99	55.1	<0.005	<5	166	0.90	0.29	0.09	0.11	30.7	13.3	20.8	5.65	
759 (7885328)	<0.01	1.19	30.7	0.005	<5	174	1.13	0.08	0.28	0.12	31.0	10.9	24.6	3.44	
760 (7885330)	<0.01	1.55	191	0.005	<5	280	1.95	0.79	0.47	0.09	73.2	20.1	31.5	4.16	
761 (7885331)	0.03	1.58	100	0.011	<5	209	1.91	0.41	0.22	0.07	53.9	18.7	32.9	16.4	
762 (7885332)	1.49	1.65	40.7	0.008	5	401	3.09	0.11	0.68	0.28	38.1	16.1	23.5	46.1	
763 (7885333)	0.09	1.41	21.7	<0.005	<5	234	1.13	0.10	0.06	0.19	35.0	13.5	25.2	14.9	
764 (7885334)	<0.01	1.68	64.3	<0.005	<5	280	1.82	0.22	0.26	0.34	40.5	21.3	37.3	4.81	
765 (7885335)	0.07	2.12	61.3	<0.005	<5	236	1.72	0.20	0.26	0.26	47.0	18.5	47.3	3.35	
766 (7885336)	<0.01	1.10	18.9	<0.005	<5	347	1.37	<0.01	0.39	0.13	79.8	20.4	28.1	2.92	
767 (7885337)	<0.01	0.79	49.7	<0.005	<5	108	1.23	<0.01	0.65	0.26	110	31.2	23.7	1.41	
768 (7885338)	0.08	1.04	20.1	<0.005	<5	204	1.04	<0.01	0.17	0.48	55.5	16.0	27.6	1.79	
851 (7885339)	0.21	1.71	16.0	0.011	<5	151	1.74	0.31	0.05	0.13	39.4	16.8	31.6	7.25	
852 (7885340)	0.13	1.53	20.0	<0.005	<5	143	1.33	0.10	0.06	0.19	42.0	15.3	25.8	4.75	
853 (7885341)	0.83	1.77	30.2	0.010	<5	271	2.51	0.16	0.40	0.16	25.7	15.0	30.0	18.4	
854 (7885342)	<0.01	1.57	31.8	<0.005	<5	99	1.44	0.16	0.09	0.16	51.4	18.7	26.9	2.63	
855 (7885343)	<0.01	1.27	20.7	<0.005	<5	168	1.49	0.08	0.12	0.14	44.3	16.9	21.9	4.70	
856 (7885344)	0.06	1.22	11.6	<0.005	<5	662	1.54	0.26	0.08	0.70	45.2	15.8	22.9	7.12	
857 (7885345)	0.02	1.10	36.7	<0.005	<5	78	1.34	<0.01	0.31	0.29	60.4	15.3	19.2	2.81	
858 (7885346)	<0.01	1.70	27.1	<0.005	<5	73	1.31	0.97	0.05	0.14	38.3	16.1	34.4	5.44	
859 (7885347)	<0.01	1.96	20.8	<0.005	<5	115	1.92	0.54	0.03	0.17	46.5	23.9	34.8	8.59	
860 (7885348)	<0.01	2.15	33.1	<0.005	<5	130	1.81	1.35	0.04	0.12	47.1	17.7	44.7	4.18	
861 (7885349)	0.03	1.58	21.2	<0.005	<5	145	1.47	0.26	0.11	0.14	44.1	18.8	28.7	3.07	
862 (7885350)	0.21	1.73	28.0	0.358	<5	229	1.62	10.2	0.42	0.21	40.1	22.6	69.2	4.62	
863 (7885351)	<0.01	1.47	10.0	<0.005	<5	388	1.59	0.24	0.37	0.11	48.1	17.4	25.4	3.99	
864 (7885352)	<0.01	1.82	30.2	<0.005	<5	118	1.53	0.28	0.12	0.17	56.5	24.7	34.7	5.15	

Certified By:



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DATE SAMPLED: Sep 29, 2016	DATE RECEIVED: Sep 27, 2016					DATE REPORTED: Oct 14, 2016					SAMPLE TYPE: Other				
Analyte:	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	
RDL:	0.01	0.01	0.1	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05	
865 (7885353)	<0.01	1.22	20.9	<0.005	<5	141	1.11	0.28	0.03	0.16	36.0	10.9	21.5	5.04	
866 (7885354)	<0.01	1.49	23.8	<0.005	<5	137	1.24	0.11	0.11	0.17	69.3	14.6	32.4	2.54	
867 (7885355)	<0.01	1.42	25.0	0.007	<5	197	1.23	0.21	0.24	0.12	61.1	16.3	29.1	1.91	
868 (7885356)	0.35	1.36	14.3	<0.005	<5	136	1.71	<0.01	0.73	0.35	43.5	20.5	18.3	7.24	
869 (7885357)	<0.01	1.47	38.0	<0.005	<5	180	1.56	0.14	0.38	0.13	76.9	19.7	33.2	3.43	
870 (7885358)	<0.01	1.54	19.5	<0.005	<5	199	1.58	0.24	0.60	0.15	72.4	18.8	32.0	2.16	
871 (7885359)	<0.01	1.85	18.3	0.010	6	259	1.91	5.54	1.18	0.29	72.8	36.8	116	5.21	
872 (7885360)	0.84	2.23	22.5	0.005	<5	633	1.59	0.45	0.29	0.18	30.7	14.6	30.9	4.70	
873 (7885361)	<0.01	1.63	30.7	<0.005	<5	211	1.59	0.28	0.26	0.14	68.2	24.1	32.2	2.74	
874 (7885362)	<0.01	1.40	35.2	<0.005	<5	184	1.47	0.32	0.22	0.25	67.4	23.0	30.2	3.28	
875 (7885363)	<0.01	1.59	24.1	<0.005	<5	207	1.48	0.25	0.39	0.22	63.7	23.6	33.0	3.28	
876 (7885364)	<0.01	1.55	22.1	<0.005	<5	194	1.17	0.19	0.45	0.09	56.0	15.5	28.6	2.98	
877 (7885365)	<0.01	1.52	24.7	<0.005	6	200	1.36	0.13	0.65	0.12	53.2	17.2	30.3	3.47	
878 (7885366)	0.02	1.61	16.5	<0.005	<5	202	1.33	0.21	0.16	0.16	60.8	24.2	30.7	2.91	
879 (7885367)	<0.01	1.54	22.4	<0.005	<5	205	1.45	0.12	0.19	0.15	58.1	20.7	30.0	2.64	
880 (7885368)	<0.01	1.35	<0.1	<0.005	<5	133	1.88	0.16	0.05	<0.01	86.7	27.7	39.5	10.4	
881 (7885369)	<0.01	1.30	5.0	<0.005	<5	219	2.44	0.18	0.07	<0.01	90.8	27.6	36.6	8.73	
882 (7885370)	<0.01	1.27	21.3	<0.005	<5	120	0.80	0.19	0.23	0.16	39.5	15.1	25.3	2.10	
883 (7885371)	0.07	1.98	58.1	<0.005	5	369	1.69	<0.01	1.10	0.34	83.1	24.7	54.2	2.86	
884 (7885372)	0.03	1.39	34.3	<0.005	<5	146	1.14	0.32	0.08	0.12	48.3	17.1	26.1	2.53	
885 (7885373)	<0.01	1.53	23.6	0.006	<5	195	1.24	0.86	0.29	0.18	68.7	22.4	36.5	2.38	
886 (7885374)	0.02	1.67	13.5	<0.005	5	129	1.44	0.21	0.96	0.16	37.1	16.2	34.5	7.84	
887 (7885375)	<0.01	1.65	29.5	0.008	<5	265	1.65	0.52	0.63	0.12	68.6	19.9	37.1	3.53	
888 (7885376)	<0.01	1.62	71.7	<0.005	<5	184	1.40	2.40	0.46	0.25	68.1	24.3	45.9	3.53	
889 (7885377)	0.16	1.66	73.1	<0.005	<5	160	1.47	1.29	0.50	0.35	79.0	25.5	37.5	3.91	
890 (7885378)	<0.01	1.91	28.3	<0.005	<5	222	2.17	0.51	0.59	0.18	80.5	25.5	39.5	7.83	
891 (7885379)	<0.01	1.64	85.9	<0.005	<5	138	1.29	1.68	0.51	0.75	62.9	23.8	45.7	4.09	
892 (7885380)	<0.01	1.75	62.5	<0.005	6	346	2.11	0.45	0.52	0.20	72.5	22.6	34.8	5.54	
893 (7885381)	<0.01	1.51	122	<0.005	7	235	1.54	0.18	1.57	0.22	48.9	16.0	28.8	8.82	
894 (7885382)	<0.01	1.60	308	<0.005	<5	236	1.80	0.38	1.04	0.19	72.7	21.7	29.9	6.55	
895 (7885383)	<0.01	1.36	163	<0.005	<5	172	1.60	0.58	0.17	0.09	55.7	18.7	25.2	10.6	
896 (7885384)	<0.01	1.75	41.6	<0.005	<5	134	1.70	0.16	0.13	0.13	43.7	14.4	37.8	10.1	

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Analyte:	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	
RDL:	0.01	0.01	0.1	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05	
897 (7885385)	<0.01	1.70	62.6	<0.005	<5	222	1.48	0.09	0.18	0.15	47.7	17.8	29.8	4.01	
801 (7885386)	0.09	1.58	21.5	<0.005	<5	226	1.38	0.13	0.27	0.20	26.1	18.8	34.8	5.01	
802 (7885387)	0.09	1.79	26.6	<0.005	<5	122	1.21	0.02	0.07	0.20	24.9	16.3	28.5	2.12	
803 (7885388)	0.26	1.77	42.7	<0.005	<5	122	1.33	0.29	0.04	0.29	15.4	20.0	35.1	5.64	
804 (7885389)	0.30	1.75	41.7	<0.005	<5	178	1.78	0.11	0.06	0.14	19.8	15.8	33.0	3.30	
805 (7885390)	<0.01	2.29	35.2	<0.005	<5	67	1.32	0.08	0.03	0.05	9.38	20.2	37.2	3.84	
806 (7885391)	0.35	1.70	16.0	0.029	7	290	1.57	13.8	1.68	0.16	35.6	31.5	85.7	2.81	
807 (7885392)	<0.01	0.73	11.2	<0.005	<5	80	0.45	0.08	0.02	0.05	26.6	8.8	17.3	2.78	
808 (7885393)	<0.01	1.62	33.1	<0.005	<5	237	1.53	0.33	0.54	0.22	79.4	24.8	37.7	2.83	
809 (7885394)	0.69	1.42	7.5	0.030	<5	586	2.22	<0.01	0.27	0.14	13.7	20.0	24.3	4.68	
810 (7885395)	0.12	1.32	15.0	<0.005	<5	242	1.57	0.06	0.24	0.04	23.5	16.1	25.1	2.21	
811 (7885396)	<0.01	1.45	34.3	<0.005	<5	334	1.64	0.22	0.29	0.13	53.1	21.5	29.7	2.52	
812 (7885397)	<0.01	1.71	22.2	<0.005	<5	411	1.47	0.15	0.06	0.11	24.1	11.6	27.9	2.96	
813 (7885398)	0.39	2.65	54.5	<0.005	<5	203	2.54	<0.01	0.53	0.33	104	16.4	33.8	1.02	
814 (7885399)	0.13	2.02	13.3	<0.005	<5	143	1.23	0.08	0.03	0.13	19.8	22.1	29.0	5.06	
815 (7885400)	<0.01	1.73	49.2	<0.005	<5	331	1.84	0.08	0.50	0.14	90.8	27.2	42.5	2.46	
816 (7885401)	<0.01	1.68	40.7	<0.005	7	381	1.62	0.08	0.59	0.27	75.7	25.0	40.9	3.60	
817 (7885402)	0.08	1.88	40.2	<0.005	6	449	1.43	0.18	0.79	0.10	57.5	12.2	33.7	2.79	
817 #2 (7885403)	0.14	1.79	38.6	<0.005	5	395	1.35	0.27	0.74	0.08	55.9	13.2	38.3	2.68	
818 (7885404)	0.36	2.19	55.1	<0.005	<5	414	1.84	0.24	0.57	0.51	63.5	19.8	41.0	3.56	
819 (7885405)	0.16	1.59	29.7	<0.005	6	362	1.37	0.16	1.10	0.67	58.7	20.4	37.3	2.06	
820 (7885406)	<0.01	0.85	14.3	<0.005	<5	131	0.66	0.02	0.30	0.12	29.1	9.0	21.6	2.17	
821 (7885407)	<0.01	1.63	32.9	0.005	<5	322	1.65	1.58	1.10	0.59	118	38.9	59.7	2.87	
822 (7885408)	0.09	1.46	38.8	<0.005	<5	295	1.46	0.22	0.35	0.45	64.8	22.7	30.6	4.38	
823 (7885409)	0.03	1.47	40.5	0.005	<5	261	1.28	0.40	0.46	0.11	61.2	15.6	29.9	2.55	
824 (7885410)	<0.01	1.42	28.1	<0.005	<5	171	1.13	0.35	0.38	0.14	58.1	15.0	27.9	1.87	
825 (7885411)	<0.01	0.66	16.1	<0.005	<5	126	0.76	0.12	0.11	0.15	39.6	10.7	21.0	3.15	
826 (7885412)	0.13	2.13	11.9	<0.005	<5	453	1.84	0.29	0.58	0.56	64.7	15.7	39.7	4.01	
827 (7885413)	<0.01	1.64	36.9	<0.005	<5	210	1.38	0.42	0.46	0.20	83.0	18.4	38.6	4.76	
828 (7885414)	<0.01	1.77	28.3	<0.005	5	274	1.38	0.26	0.76	0.13	59.3	16.4	37.9	4.59	
829 (7885415)	0.04	1.68	45.5	<0.005	<5	424	1.42	0.29	0.54	0.29	54.7	18.8	52.2	3.10	
830 (7885416)	0.08	1.64	28.4	<0.005	<5	357	1.13	0.23	0.65	0.35	48.6	19.4	33.2	2.44	

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Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm		
RDL:	0.01	0.01	0.1	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05		
831 (7885418)	0.08	1.51	65.0	<0.005	<5	213	1.30	0.07	0.72	0.25	64.6	19.5	30.2	3.51		
832 (7885419)	0.06	1.73	10.6	<0.005	6	199	1.52	0.13	0.96	0.56	94.8	19.6	34.4	6.84		
833 (7885420)	0.03	1.80	18.5	<0.005	6	328	1.42	0.36	1.21	0.38	90.1	19.7	41.5	4.58		
834 (7885421)	0.49	2.02	26.0	<0.005	<5	316	1.31	0.21	0.75	0.35	66.7	15.0	40.9	4.11		
835 (7885422)	0.12	1.57	35.8	<0.005	<5	190	1.27	0.53	0.29	0.22	57.0	15.8	33.4	5.06		
836 (7885423)	<0.01	1.81	78.7	<0.005	<5	148	1.27	1.10	0.59	0.26	64.6	23.7	40.5	2.75		
837 (7885424)	0.04	1.24	64.8	<0.005	7	171	1.06	0.80	1.05	0.26	31.7	17.5	26.0	5.87		
838 (7885425)	0.18	1.11	57.5	<0.005	5	184	0.72	0.33	1.86	0.22	21.7	7.0	20.3	4.60		
839 (7885426)	<0.01	1.55	138	<0.005	<5	83	1.31	0.97	0.04	0.16	63.3	25.5	31.0	3.50		
840 (7885427)	1.20	1.67	139	0.012	<5	289	1.76	1.73	0.38	0.28	24.7	12.5	26.2	19.0		
841 (7885428)	0.25	1.37	97.9	<0.005	<5	197	1.24	0.77	0.38	0.21	48.2	14.7	25.1	12.0		
842 (7885429)	<0.01	1.73	41.1	<0.005	<5	122	1.14	0.02	0.52	0.29	48.4	22.6	32.8	2.00		
843 (7885430)	0.44	1.58	326	<0.005	<5	286	1.94	0.91	0.25	0.18	38.4	19.3	30.1	17.6		
844 (7885431)	0.06	1.24	29.9	<0.005	<5	111	1.36	<0.01	0.22	0.09	35.3	17.3	31.4	3.28		
845 (7885432)	<0.01	1.14	31.4	<0.005	<5	129	1.34	0.09	0.28	0.11	44.4	18.5	30.1	3.15		
846 (7885433)	<0.01	1.50	40.6	<0.005	<5	259	1.29	0.05	0.56	0.21	48.5	17.3	30.6	6.55		
847 (7885434)	0.13	1.96	180	<0.005	<5	230	1.51	1.94	0.57	0.41	80.9	34.2	68.9	2.67		
898 (7885435)	0.03	1.73	43.1	0.006	<5	333	1.81	0.15	0.81	0.30	64.1	18.9	35.0	7.64		
899 (7885436)	<0.01	1.84	50.2	<0.005	<5	397	2.34	0.14	0.71	0.19	86.6	26.2	38.1	4.56		
900 (7885437)	0.03	1.56	47.1	<0.005	<5	251	1.37	0.13	0.20	0.17	43.8	20.5	31.7	3.52		
508 (7885438)	0.16	1.80	24.0	0.028	<5	163	2.15	20.1	0.82	0.35	40.8	40.0	107	5.55		
503 (7885439)	0.03	2.01	47.2	0.005	<5	242	3.22	1.28	1.35	4.02	129	70.8	62.7	4.19		
525 (7885440)	0.53	1.89	208	<0.005	<5	654	5.79	0.67	0.89	16.2	82.7	68.3	46.2	4.41		
526 (7885441)	0.53	1.76	222	<0.005	<5	459	3.73	0.38	0.81	8.51	80.2	44.5	47.9	4.20		

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 16T141787

PROJECT:

5623 McADAM ROAD
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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Scott Berdahl; Ron Berdahl

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

DATE SAMPLED: Sep 29, 2016	DATE RECEIVED: Sep 27, 2016					DATE REPORTED: Oct 14, 2016					SAMPLE TYPE: Other				
Analyte:	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	
RDL:	0.5	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	
751 (7885320)	33.2	4.41	5.93	<0.05	<0.02	0.10	0.043	0.13	23.2	19.8	0.56	993	1.38	0.01	
752 (7885321)	31.1	4.08	5.20	<0.05	<0.02	0.12	0.041	0.14	24.8	19.5	0.57	928	0.65	0.01	
753 (7885322)	29.7	4.34	5.26	<0.05	<0.02	0.08	0.067	0.09	20.3	15.6	0.49	834	0.79	0.01	
754 (7885323)	31.7	4.15	5.69	<0.05	<0.02	0.11	0.041	0.12	23.5	19.8	0.62	731	0.77	0.01	
755 (7885324)	31.7	4.12	5.61	<0.05	<0.02	0.11	0.041	0.12	23.0	19.6	0.57	805	0.79	0.01	
756 (7885325)	35.1	4.29	5.66	<0.05	<0.02	0.10	0.036	0.12	24.8	19.6	0.55	1070	0.84	0.01	
757 (7885326)	32.4	4.43	5.74	<0.05	<0.02	0.12	0.045	0.14	25.9	22.3	0.63	938	0.88	0.01	
758 (7885327)	14.6	3.46	5.57	<0.05	<0.02	0.13	0.021	0.10	13.9	12.5	0.25	782	1.17	<0.01	
759 (7885328)	13.2	3.02	5.80	<0.05	<0.02	0.10	0.026	0.07	14.9	20.4	0.52	549	0.60	<0.01	
760 (7885330)	33.1	4.60	5.57	<0.05	<0.02	0.10	0.036	0.13	32.9	22.1	0.61	1010	1.02	0.02	
761 (7885331)	30.9	4.86	6.26	<0.05	<0.02	0.13	0.046	0.12	24.9	30.9	0.70	1010	0.82	0.01	
762 (7885332)	64.9	3.43	4.41	<0.05	0.08	0.30	0.036	0.14	33.7	19.0	0.61	1050	0.81	0.01	
763 (7885333)	13.3	4.86	6.82	<0.05	<0.02	0.10	0.033	0.09	15.0	21.5	0.28	674	0.93	<0.01	
764 (7885334)	22.6	4.89	7.90	<0.05	<0.02	0.10	0.037	0.16	17.4	33.4	0.61	1480	1.05	0.01	
765 (7885335)	22.9	5.96	8.91	<0.05	<0.02	0.11	0.050	0.12	21.4	27.7	0.60	1130	2.07	0.01	
766 (7885336)	36.4	5.33	4.07	<0.05	<0.02	0.14	0.051	0.08	35.3	12.9	0.34	1090	1.24	<0.01	
767 (7885337)	38.3	7.29	4.24	<0.05	<0.02	0.09	0.100	0.07	47.5	6.8	0.15	1630	2.33	<0.01	
768 (7885338)	25.2	4.59	5.20	<0.05	<0.02	0.10	0.045	0.10	24.8	9.8	0.26	933	2.08	<0.01	
851 (7885339)	28.5	5.26	5.85	<0.05	<0.02	0.09	0.038	0.06	17.5	35.0	0.45	593	1.35	<0.01	
852 (7885340)	27.5	4.32	4.29	<0.05	<0.02	0.12	0.043	0.06	19.6	30.9	0.42	585	1.11	<0.01	
853 (7885341)	39.9	3.81	4.60	<0.05	0.08	0.16	0.059	0.10	15.6	38.4	0.44	726	0.72	<0.01	
854 (7885342)	34.4	4.80	4.57	<0.05	<0.02	0.11	0.041	0.06	23.2	29.9	0.48	802	0.75	<0.01	
855 (7885343)	29.6	4.12	3.72	<0.05	<0.02	0.09	0.037	0.06	19.6	26.7	0.44	873	0.79	<0.01	
856 (7885344)	37.5	4.71	4.99	<0.05	<0.02	0.12	0.032	0.05	20.4	23.8	0.27	769	1.21	<0.01	
857 (7885345)	27.9	4.43	2.98	<0.05	<0.02	0.14	0.044	0.05	14.8	13.6	0.20	862	2.91	<0.01	
858 (7885346)	39.4	5.28	5.03	<0.05	<0.02	0.12	0.038	0.06	17.8	33.9	0.49	551	1.47	<0.01	
859 (7885347)	28.8	6.14	7.15	<0.05	<0.02	0.08	0.049	0.06	22.7	35.2	0.32	1770	1.30	<0.01	
860 (7885348)	40.3	5.16	5.90	<0.05	<0.02	0.13	0.041	0.06	20.8	32.8	0.59	594	1.45	<0.01	
861 (7885349)	32.1	4.40	4.69	<0.05	<0.02	0.12	0.039	0.07	19.8	32.4	0.52	888	0.87	<0.01	
862 (7885350)	151	6.58	7.10	<0.05	<0.02	0.14	0.033	0.07	18.8	21.6	0.68	960	1.56	<0.01	
863 (7885351)	26.1	3.68	5.53	<0.05	<0.02	0.12	0.031	0.06	21.8	21.0	0.46	891	0.90	<0.01	
864 (7885352)	23.9	5.46	6.01	<0.05	<0.02	0.06	0.048	0.07	25.2	42.9	0.61	828	1.02	<0.01	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 16T141787

PROJECT:

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Scott Berdahl; Ron Berdahl

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

DATE SAMPLED: Sep 29, 2016	DATE RECEIVED: Sep 27, 2016					DATE REPORTED: Oct 14, 2016					SAMPLE TYPE: Other				
Analyte:	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	
RDL:	0.5	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	
865 (7885353)	13.5	4.66	7.28	<0.05	<0.02	0.10	0.027	0.04	16.9	12.0	0.22	603	1.42	<0.01	
866 (7885354)	14.5	4.24	6.71	<0.05	<0.02	0.07	0.029	0.06	33.0	30.1	0.53	450	0.93	<0.01	
867 (7885355)	30.9	4.24	5.13	<0.05	<0.02	0.08	0.049	0.05	29.0	27.3	0.58	669	1.61	<0.01	
868 (7885356)	28.1	5.00	2.84	<0.05	<0.02	0.16	0.062	0.05	16.3	19.0	0.34	681	0.66	<0.01	
869 (7885357)	32.5	4.77	5.22	<0.05	<0.02	0.09	0.042	0.09	34.3	29.0	0.57	760	0.84	0.01	
870 (7885358)	30.8	4.73	5.01	<0.05	<0.02	0.09	0.035	0.08	33.0	35.8	0.64	773	0.86	0.01	
871 (7885359)	154	6.88	7.69	<0.05	<0.02	0.17	0.042	0.10	30.8	27.4	1.01	652	1.43	0.01	
872 (7885360)	42.4	3.67	5.40	<0.05	<0.02	0.19	0.037	0.12	14.7	24.4	0.38	1980	1.20	0.01	
873 (7885361)	30.1	4.92	6.80	<0.05	<0.02	0.09	0.037	0.10	29.5	29.4	0.61	1370	1.03	<0.01	
874 (7885362)	38.1	4.74	4.92	<0.05	<0.02	0.10	0.042	0.07	29.0	29.9	0.54	1820	0.94	<0.01	
875 (7885363)	38.6	4.50	5.13	<0.05	<0.02	0.13	0.051	0.09	28.1	30.5	0.58	1110	0.95	<0.01	
876 (7885364)	21.5	4.09	4.85	<0.05	<0.02	0.12	0.035	0.07	25.0	34.6	0.61	587	0.69	<0.01	
877 (7885365)	31.8	3.99	5.10	<0.05	<0.02	0.08	0.032	0.09	23.8	39.1	0.64	758	0.91	0.01	
878 (7885366)	34.7	4.68	5.58	<0.05	<0.02	0.13	0.038	0.08	28.2	24.5	0.49	1470	1.22	<0.01	
879 (7885367)	35.7	4.49	5.04	<0.05	<0.02	0.14	0.036	0.07	25.7	30.2	0.56	1120	0.90	<0.01	
880 (7885368)	25.6	5.59	4.16	<0.05	<0.02	0.11	0.033	0.06	41.2	41.9	0.71	1010	0.49	<0.01	
881 (7885369)	28.3	5.45	3.96	<0.05	<0.02	0.07	0.030	0.05	41.7	39.2	0.66	1440	0.43	<0.01	
882 (7885370)	26.9	3.89	4.37	<0.05	<0.02	0.12	0.029	0.05	17.4	20.4	0.45	581	0.95	<0.01	
883 (7885371)	36.1	5.43	7.25	<0.05	<0.02	0.13	0.072	0.08	37.1	25.6	0.82	1880	1.34	<0.01	
884 (7885372)	26.6	4.87	5.18	<0.05	<0.02	0.10	0.036	0.06	22.2	23.3	0.40	773	1.11	<0.01	
885 (7885373)	32.5	4.57	5.27	<0.05	2.34	0.08	0.060	0.08	29.9	26.3	0.63	1200	1.37	<0.01	
886 (7885374)	30.1	3.86	5.28	<0.05	0.83	0.12	0.042	0.09	16.7	30.7	0.71	677	0.37	0.01	
887 (7885375)	39.8	4.46	5.88	<0.05	0.19	0.13	0.052	0.10	30.1	29.4	0.66	834	0.83	<0.01	
888 (7885376)	37.6	5.46	6.26	<0.05	0.07	0.07	0.054	0.08	30.7	27.8	0.78	1260	1.69	<0.01	
889 (7885377)	53.1	5.22	5.76	<0.05	0.10	0.11	0.055	0.09	34.9	33.6	0.73	1350	1.72	<0.01	
890 (7885378)	58.8	4.90	6.54	<0.05	0.07	0.15	0.048	0.17	35.6	37.6	0.81	576	0.56	0.02	
891 (7885379)	31.4	5.41	7.11	<0.05	0.06	0.12	0.059	0.10	26.9	29.8	0.74	1220	1.44	<0.01	
892 (7885380)	39.0	5.33	7.08	<0.05	<0.02	0.12	0.051	0.14	31.4	28.4	0.67	933	1.20	0.02	
893 (7885381)	26.9	3.52	5.51	<0.05	0.13	0.11	0.039	0.14	22.0	23.7	0.68	638	0.48	0.02	
894 (7885382)	31.0	4.16	5.70	<0.05	<0.02	0.13	0.045	0.14	31.5	32.0	0.71	992	0.58	0.03	
895 (7885383)	18.7	3.83	8.39	<0.05	<0.02	0.12	0.033	0.08	24.5	23.6	0.46	886	1.04	<0.01	
896 (7885384)	17.7	5.23	8.40	<0.05	<0.02	0.11	0.042	0.08	19.5	27.4	0.55	539	1.92	<0.01	

Certified By:



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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Scott Berdahl; Ron Berdahl

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

DATE SAMPLED: Sep 29, 2016	DATE RECEIVED: Sep 27, 2016											DATE REPORTED: Oct 14, 2016		SAMPLE TYPE: Other	
Analyte:	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	
RDL:	0.5	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	
897 (7885385)	30.2	4.40	5.97	<0.05	<0.02	0.10	0.042	0.13	21.4	18.7	0.49	834	1.06	<0.01	
801 (7885386)	33.7	4.24	4.85	<0.05	<0.02	0.08	0.035	0.10	12.3	28.6	0.56	923	1.03	<0.01	
802 (7885387)	17.8	4.02	5.09	<0.05	<0.02	0.11	0.039	0.05	11.3	28.6	0.45	614	1.07	<0.01	
803 (7885388)	23.4	6.38	6.43	<0.05	<0.02	0.12	0.049	0.06	6.7	29.6	0.44	971	1.98	<0.01	
804 (7885389)	26.3	5.24	5.37	<0.05	<0.02	0.11	0.041	0.04	9.3	31.3	0.44	705	0.99	<0.01	
805 (7885390)	33.3	4.98	6.15	<0.05	<0.02	0.07	0.040	0.05	2.9	41.1	0.59	655	0.53	<0.01	
806 (7885391)	253	6.30	6.60	<0.05	0.14	0.13	0.031	0.04	17.5	20.8	0.87	1050	1.31	0.01	
807 (7885392)	6.2	2.78	4.57	<0.05	<0.02	0.08	0.017	0.04	12.0	8.1	0.17	517	0.77	<0.01	
808 (7885393)	41.3	5.08	6.06	<0.05	<0.02	0.15	0.046	0.10	35.2	28.2	0.68	1330	1.20	0.01	
809 (7885394)	116	3.24	3.49	<0.05	<0.02	0.10	0.032	0.06	4.8	25.3	0.58	2180	0.37	<0.01	
810 (7885395)	62.1	4.00	3.96	<0.05	<0.02	0.13	0.029	0.05	15.9	30.3	0.57	879	0.45	<0.01	
811 (7885396)	36.4	4.46	4.89	<0.05	<0.02	0.09	0.040	0.07	23.9	27.7	0.62	1220	0.73	<0.01	
812 (7885397)	22.9	3.55	4.38	<0.05	<0.02	0.12	0.035	0.04	9.9	28.8	0.41	950	1.22	<0.01	
813 (7885398)	21.4	4.01	2.23	<0.05	0.05	0.27	0.035	0.02	40.0	9.2	0.15	4270	1.18	<0.01	
814 (7885399)	28.2	4.48	4.49	<0.05	<0.02	0.11	0.044	0.06	8.6	29.1	0.47	860	0.94	<0.01	
815 (7885400)	40.5	5.25	5.96	<0.05	<0.02	0.13	0.050	0.09	37.9	23.2	0.68	1410	1.43	0.01	
816 (7885401)	45.4	5.48	6.09	<0.05	<0.02	0.14	0.058	0.24	33.1	22.7	0.60	1280	1.61	0.02	
817 (7885402)	37.2	3.67	5.76	<0.05	0.03	0.19	0.042	0.11	28.7	21.8	0.55	422	0.83	0.01	
817 #2 (7885403)	33.4	3.73	5.82	<0.05	<0.02	0.19	0.045	0.10	27.3	22.3	0.57	462	1.11	0.01	
818 (7885404)	50.7	6.43	6.32	<0.05	<0.02	0.25	0.049	0.13	34.8	29.8	0.70	471	2.12	0.01	
819 (7885405)	44.5	4.36	5.10	<0.05	<0.02	0.16	0.035	0.08	29.5	25.8	0.65	796	0.87	0.01	
820 (7885406)	12.3	2.75	6.21	<0.05	<0.02	0.08	0.020	0.07	13.3	11.2	0.30	374	1.24	<0.01	
821 (7885407)	49.4	7.20	6.75	<0.05	<0.02	0.13	0.083	0.09	49.3	19.5	0.81	1890	2.05	<0.01	
822 (7885408)	50.1	4.72	4.75	<0.05	<0.02	0.13	0.044	0.12	29.2	25.2	0.55	1790	1.16	0.01	
823 (7885409)	33.3	4.13	4.92	<0.05	<0.02	0.12	0.032	0.09	28.3	25.5	0.54	843	0.60	0.02	
824 (7885410)	29.0	3.83	5.28	<0.05	<0.02	0.11	0.039	0.06	25.9	27.2	0.51	660	0.61	<0.01	
825 (7885411)	17.4	2.36	5.26	<0.05	<0.02	0.09	0.018	0.07	19.4	5.8	0.20	682	1.32	<0.01	
826 (7885412)	39.3	3.69	6.16	<0.05	<0.02	0.17	0.039	0.10	30.0	36.3	0.70	988	1.72	0.02	
827 (7885413)	37.4	5.24	5.76	<0.05	<0.02	0.13	0.040	0.09	38.1	29.8	0.66	787	0.92	<0.01	
828 (7885414)	28.3	4.24	5.88	<0.05	<0.02	0.13	0.045	0.09	28.4	35.4	0.62	769	0.53	<0.01	
829 (7885415)	37.7	5.17	5.74	<0.05	<0.02	0.24	0.045	0.07	24.6	28.4	0.65	1720	0.85	<0.01	
830 (7885416)	29.4	4.64	4.99	<0.05	<0.02	0.13	0.034	0.07	23.0	32.0	0.54	2670	0.80	<0.01	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 16T141787

PROJECT:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Scott Berdahl; Ron Berdahl

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

DATE SAMPLED: Sep 29, 2016	DATE RECEIVED: Sep 27, 2016					DATE REPORTED: Oct 14, 2016					SAMPLE TYPE: Other				
Analyte:	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	
RDL:	0.5	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	
831 (7885418)	25.8	6.55	5.13	<0.05	<0.02	0.14	0.041	0.08	29.5	28.2	0.63	1300	0.93	<0.01	
832 (7885419)	45.7	5.03	5.89	<0.05	<0.02	0.12	0.054	0.09	42.5	31.1	0.81	408	1.14	<0.01	
833 (7885420)	44.7	5.07	6.25	<0.05	<0.02	0.19	0.054	0.11	41.6	30.9	0.92	3130	1.42	<0.01	
834 (7885421)	36.3	4.47	5.93	<0.05	<0.02	0.23	0.044	0.11	32.7	30.9	0.75	406	0.78	<0.01	
835 (7885422)	37.5	4.10	4.90	<0.05	<0.02	0.14	0.033	0.07	27.8	24.8	0.52	412	0.39	<0.01	
836 (7885423)	29.9	5.52	5.91	<0.05	<0.02	0.11	0.054	0.06	27.8	33.8	0.77	929	1.38	<0.01	
837 (7885424)	37.5	4.33	3.81	<0.05	<0.02	0.14	0.031	0.08	13.9	21.2	0.49	646	0.60	<0.01	
838 (7885425)	22.4	2.14	3.36	<0.05	<0.02	0.15	0.023	0.08	11.1	17.7	0.46	244	<0.05	<0.01	
839 (7885426)	37.7	6.58	5.43	<0.05	<0.02	0.09	0.058	0.05	27.9	26.2	0.37	1180	1.03	<0.01	
840 (7885427)	60.7	3.61	4.16	<0.05	4.29	0.26	0.054	0.15	15.9	18.4	0.30	440	0.85	<0.01	
841 (7885428)	37.1	3.27	4.37	<0.05	0.33	0.18	0.043	0.11	22.5	20.7	0.40	655	0.61	0.01	
842 (7885429)	28.3	4.60	4.69	<0.05	0.14	0.10	0.044	0.05	21.8	26.1	0.47	945	1.39	<0.01	
843 (7885430)	57.3	4.36	4.60	<0.05	0.18	0.17	0.043	0.10	18.5	22.3	0.46	956	0.58	<0.01	
844 (7885431)	35.2	4.39	4.24	<0.05	<0.02	0.10	0.038	0.06	14.5	24.0	0.53	729	0.36	<0.01	
845 (7885432)	25.5	4.59	3.87	<0.05	<0.02	0.10	0.042	0.06	19.1	18.3	0.48	791	0.68	<0.01	
846 (7885433)	29.1	4.15	5.21	<0.05	0.07	0.16	0.038	0.11	22.6	21.7	0.54	622	0.91	0.01	
847 (7885434)	61.1	6.13	6.73	<0.05	0.04	0.14	0.069	0.07	36.6	32.8	0.89	1750	2.20	0.01	
898 (7885435)	32.8	4.05	6.23	<0.05	<0.02	0.11	0.045	0.19	29.1	27.8	0.63	1560	1.35	0.02	
899 (7885436)	41.0	4.86	7.23	<0.05	<0.02	0.12	0.042	0.32	39.6	24.2	0.71	1120	1.39	0.03	
900 (7885437)	23.9	4.15	5.93	<0.05	<0.02	0.10	0.039	0.11	20.1	19.9	0.48	1740	0.97	0.01	
508 (7885438)	335	8.87	7.93	<0.05	0.05	0.11	0.032	0.12	19.4	21.7	0.93	842	1.33	0.01	
503 (7885439)	155	7.27	5.47	<0.05	<0.02	0.18	0.076	0.08	55.8	23.3	0.70	2720	1.46	<0.01	
525 (7885440)	95.7	5.22	6.37	<0.05	<0.02	0.17	0.056	0.10	44.0	41.0	0.71	30400	3.56	0.01	
526 (7885441)	83.1	5.71	6.09	<0.05	<0.02	0.13	0.068	0.10	38.4	35.3	0.73	13900	3.20	<0.01	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 16T141787

PROJECT:

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Scott Berdahl; Ron Berdahl

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

DATE SAMPLED: Sep 29, 2016	DATE RECEIVED: Sep 27, 2016							DATE REPORTED: Oct 14, 2016				SAMPLE TYPE: Other			
Analyte: Unit: RDL:	Nb ppm 0.05	Ni ppm 0.5	P ppm 10	Pb ppm 0.1	Rb ppm 0.1	Re ppm 0.001	S % 0.01	Sb ppm 0.05	Sc ppm 0.1	Se ppm 0.2	Sn ppm 0.2	Sr ppm 0.2	Ta ppm 0.01	Te ppm 0.01	
Sample ID (AGAT ID)															
751 (7885320)	3.12	33.2	1430	31.5	12.3	<0.001	0.03	1.88	4.6	<0.2	0.8	22.1	0.21	<0.01	
752 (7885321)	3.11	31.2	1450	38.7	14.7	<0.001	0.04	1.71	6.8	0.3	0.6	34.5	0.14	<0.01	
753 (7885322)	2.53	31.8	1150	30.5	11.0	<0.001	0.02	2.46	5.2	<0.2	0.6	17.8	0.07	<0.01	
754 (7885323)	3.40	30.5	1650	23.5	14.8	<0.001	0.04	1.59	5.8	0.3	0.6	24.4	0.13	<0.01	
755 (7885324)	2.91	33.2	1420	23.9	14.4	<0.001	0.02	1.70	6.6	0.4	0.7	26.6	0.07	<0.01	
756 (7885325)	3.00	33.3	1480	23.5	13.7	<0.001	0.03	1.72	6.2	<0.2	0.7	28.6	0.04	<0.01	
757 (7885326)	3.32	32.2	1460	34.6	16.0	<0.001	0.02	1.78	6.9	0.5	0.6	23.0	0.06	<0.01	
758 (7885327)	2.75	16.5	710	26.3	20.3	<0.001	0.03	1.27	3.1	<0.2	0.8	6.3	0.08	<0.01	
759 (7885328)	2.67	17.1	422	17.1	16.5	<0.001	0.02	0.72	3.3	<0.2	0.8	22.1	<0.01	<0.01	
760 (7885330)	3.07	32.3	1680	23.4	13.2	<0.001	0.02	2.67	6.5	0.3	0.7	33.3	0.06	<0.01	
761 (7885331)	2.83	34.5	475	29.9	17.7	<0.001	0.02	1.61	7.0	0.2	0.8	10.4	0.03	<0.01	
762 (7885332)	2.00	38.6	1270	66.0	28.6	<0.001	0.09	1.80	11.9	1.9	0.7	27.5	0.13	<0.01	
763 (7885333)	1.91	19.7	750	25.3	22.1	<0.001	0.03	0.76	3.6	<0.2	0.9	2.4	0.03	<0.01	
764 (7885334)	5.18	27.7	1350	20.9	23.8	<0.001	0.02	1.03	4.5	0.3	0.9	17.8	0.04	<0.01	
765 (7885335)	4.71	31.1	3880	22.7	17.8	<0.001	0.03	1.37	5.9	0.5	0.9	17.2	0.01	<0.01	
766 (7885336)	1.51	35.3	2620	34.0	9.1	<0.001	0.03	1.43	7.0	0.5	0.7	46.5	0.04	<0.01	
767 (7885337)	1.67	40.2	5340	106	10.0	<0.001	0.05	3.15	8.8	0.5	0.9	71.7	0.03	<0.01	
768 (7885338)	1.55	30.4	2490	22.2	14.1	<0.001	0.05	1.88	2.5	0.4	1.0	24.8	0.05	<0.01	
851 (7885339)	1.43	31.6	592	43.1	8.4	<0.001	0.02	1.04	4.3	0.3	0.5	3.8	<0.01	<0.01	
852 (7885340)	0.91	28.0	492	100	8.6	<0.001	0.02	1.59	3.9	0.3	0.5	0.4	0.02	<0.01	
853 (7885341)	0.74	33.5	1350	79.3	21.6	<0.001	0.07	0.95	10.4	1.2	0.4	26.4	<0.01	<0.01	
854 (7885342)	1.09	34.2	687	52.6	6.8	<0.001	0.02	1.25	5.2	0.3	0.4	2.5	<0.01	<0.01	
855 (7885343)	0.75	30.5	441	51.7	7.6	<0.001	0.02	0.84	5.7	<0.2	0.4	13.1	<0.01	<0.01	
856 (7885344)	1.39	22.4	520	55.8	11.0	<0.001	0.03	1.01	3.6	0.4	0.6	12.0	<0.01	<0.01	
857 (7885345)	0.84	31.8	752	40.9	9.2	<0.001	0.03	1.39	5.3	0.5	0.4	13.2	0.01	<0.01	
858 (7885346)	1.50	34.1	637	37.2	9.6	<0.001	0.03	1.11	4.7	0.6	0.6	<0.2	<0.01	<0.01	
859 (7885347)	1.24	27.3	1040	34.7	16.8	<0.001	0.03	0.79	4.5	<0.2	0.8	1.6	<0.01	<0.01	
860 (7885348)	2.53	38.9	699	34.0	9.7	<0.001	0.03	1.32	5.2	0.4	0.7	<0.2	<0.01	<0.01	
861 (7885349)	0.88	33.5	822	39.7	6.5	<0.001	0.02	1.06	4.4	<0.2	0.4	9.3	<0.01	<0.01	
862 (7885350)	2.56	51.7	1890	22.6	12.9	<0.001	0.07	1.05	6.5	0.8	1.1	34.1	0.02	0.63	
863 (7885351)	1.47	25.9	701	30.7	12.8	<0.001	0.02	0.90	5.0	0.5	0.5	28.9	<0.01	<0.01	
864 (7885352)	1.99	38.3	527	45.3	11.6	<0.001	0.02	1.35	5.3	<0.2	0.5	2.1	0.02	<0.01	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 16T141787

PROJECT:

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Scott Berdahl; Ron Berdahl

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

DATE SAMPLED: Sep 29, 2016	DATE RECEIVED: Sep 27, 2016							DATE REPORTED: Oct 14, 2016				SAMPLE TYPE: Other			
Analyte:	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	0.05	0.5	10	0.1	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	
865 (7885353)	2.65	18.4	787	19.8	13.8	<0.001	0.02	1.10	3.3	0.2	0.7	2.0	<0.01	<0.01	
866 (7885354)	2.79	29.3	304	19.7	10.6	<0.001	<0.01	1.02	3.9	<0.2	0.6	5.2	<0.01	<0.01	
867 (7885355)	2.37	32.0	715	27.8	8.1	<0.001	0.02	2.00	4.8	0.4	2.5	10.0	<0.01	<0.01	
868 (7885356)	0.78	47.8	772	26.2	8.7	<0.001	0.04	1.28	19.8	0.9	0.6	10.8	<0.01	<0.01	
869 (7885357)	1.78	38.8	1530	34.3	9.1	<0.001	0.02	1.70	6.4	0.3	0.5	24.1	<0.01	<0.01	
870 (7885358)	2.18	37.3	1440	31.5	8.1	<0.001	0.02	1.63	5.7	0.7	0.5	30.5	<0.01	<0.01	
871 (7885359)	3.75	84.8	2730	18.3	17.6	<0.001	0.11	1.16	9.4	2.2	1.0	60.0	0.05	0.17	
872 (7885360)	1.23	36.5	1220	31.1	19.4	<0.001	0.07	0.81	9.1	1.2	0.7	22.1	0.05	<0.01	
873 (7885361)	3.41	34.4	1460	40.9	9.5	<0.001	0.02	1.49	4.9	<0.2	0.6	17.6	<0.01	<0.01	
874 (7885362)	0.93	39.6	959	42.5	7.1	<0.001	0.02	1.71	5.8	<0.2	0.4	17.1	<0.01	<0.01	
875 (7885363)	1.10	39.1	1090	37.4	9.1	<0.001	0.02	1.44	6.4	0.3	0.4	21.9	<0.01	<0.01	
876 (7885364)	1.20	28.7	947	31.9	9.7	<0.001	0.04	0.65	5.5	0.5	0.3	38.2	<0.01	<0.01	
877 (7885365)	1.62	34.8	984	24.7	10.1	<0.001	0.05	0.97	5.6	0.6	0.5	49.5	<0.01	<0.01	
878 (7885366)	1.86	33.4	1170	37.8	11.4	<0.001	0.02	1.29	4.9	<0.2	0.4	6.1	<0.01	<0.01	
879 (7885367)	1.25	34.7	879	28.4	8.1	<0.001	0.02	1.04	5.3	0.3	0.4	10.2	<0.01	<0.01	
880 (7885368)	0.67	46.3	533	26.9	5.5	<0.001	0.02	1.22	4.4	<0.2	0.5	0.4	<0.01	<0.01	
881 (7885369)	0.46	47.1	535	23.9	4.8	<0.001	<0.01	1.47	4.6	<0.2	0.4	<0.2	<0.01	<0.01	
882 (7885370)	0.94	27.5	805	24.9	6.9	<0.001	0.03	1.22	4.6	0.2	0.3	19.4	<0.01	<0.01	
883 (7885371)	1.32	41.5	3210	45.5	10.4	<0.001	0.10	1.50	10.9	0.4	0.6	78.0	<0.01	<0.01	
884 (7885372)	2.27	29.3	884	32.2	11.6	<0.001	0.02	1.88	4.1	0.3	0.4	6.2	<0.01	<0.01	
885 (7885373)	4.47	35.8	1260	33.6	8.1	<0.001	0.02	1.45	6.1	0.9	0.6	19.9	0.13	6.18	
886 (7885374)	2.31	35.6	1210	21.6	13.7	<0.001	0.07	0.91	6.6	0.6	0.4	72.8	0.03	0.68	
887 (7885375)	2.93	38.3	1530	27.6	10.4	<0.001	0.02	1.49	6.6	0.5	0.5	35.1	<0.01	0.23	
888 (7885376)	2.19	43.3	2060	40.2	8.2	<0.001	0.02	2.74	6.6	0.3	0.4	32.7	<0.01	0.02	
889 (7885377)	1.32	47.2	1940	44.8	8.0	<0.001	0.03	2.58	8.3	0.7	0.4	43.2	<0.01	<0.01	
890 (7885378)	2.81	42.2	1450	33.2	13.8	<0.001	0.03	1.49	8.5	0.8	0.6	38.5	<0.01	<0.01	
891 (7885379)	2.07	39.8	2530	32.8	13.9	<0.001	0.03	2.22	6.0	<0.2	0.4	38.0	<0.01	<0.01	
892 (7885380)	4.51	37.3	1930	31.4	15.3	<0.001	0.02	1.87	6.0	0.8	0.7	32.2	<0.01	<0.01	
893 (7885381)	3.75	29.2	1750	26.4	19.3	<0.001	0.09	1.50	4.4	1.3	0.5	106	<0.01	<0.01	
894 (7885382)	3.56	32.5	2040	30.4	16.6	<0.001	0.06	1.66	5.9	1.0	0.5	67.5	<0.01	<0.01	
895 (7885383)	4.42	21.8	1020	28.9	15.8	<0.001	0.01	1.24	3.7	0.4	0.8	9.4	<0.01	<0.01	
896 (7885384)	5.13	27.7	1270	23.9	8.9	<0.001	0.03	1.55	4.7	0.3	0.7	6.3	<0.01	<0.01	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 16T141787

PROJECT:

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Scott Berdahl; Ron Berdahl

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

DATE SAMPLED: Sep 29, 2016	DATE RECEIVED: Sep 27, 2016							DATE REPORTED: Oct 14, 2016				SAMPLE TYPE: Other			
Analyte:	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	0.05	0.5	10	0.1	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	
897 (7885385)	3.02	31.2	1340	25.2	15.9	<0.001	0.04	1.76	4.4	0.3	0.8	15.0	<0.01	<0.01	
801 (7885386)	0.94	35.1	537	56.4	10.3	<0.001	0.03	0.74	6.7	0.3	0.4	20.2	<0.01	<0.01	
802 (7885387)	1.32	31.0	483	28.4	10.3	<0.001	0.01	0.75	3.9	0.4	0.5	3.8	<0.01	<0.01	
803 (7885388)	1.47	28.0	740	52.8	10.8	<0.001	0.02	0.80	4.5	<0.2	0.5	<0.2	<0.01	<0.01	
804 (7885389)	1.05	31.5	450	32.7	9.0	<0.001	0.01	0.82	4.7	<0.2	0.4	0.4	<0.01	<0.01	
805 (7885390)	0.28	37.5	322	41.0	5.8	<0.001	<0.01	0.27	5.1	<0.2	0.5	<0.2	<0.01	<0.01	
806 (7885391)	3.22	70.5	2020	28.1	6.7	<0.001	0.12	1.04	6.7	2.3	1.2	121	0.06	0.94	
807 (7885392)	1.19	11.9	378	13.5	10.7	<0.001	<0.01	0.50	1.7	<0.2	0.5	<0.2	<0.01	<0.01	
808 (7885393)	1.70	42.7	1700	34.7	9.5	<0.001	0.02	1.84	7.5	0.4	0.4	37.5	<0.01	<0.01	
809 (7885394)	0.51	32.7	293	22.1	10.1	<0.001	0.02	0.50	9.6	<0.2	0.7	8.9	<0.01	<0.01	
810 (7885395)	0.71	33.4	555	21.3	5.2	<0.001	0.01	0.67	12.8	0.3	0.3	8.2	<0.01	<0.01	
811 (7885396)	1.02	38.6	1420	30.7	5.9	<0.001	0.01	1.34	6.7	0.4	0.4	19.3	<0.01	<0.01	
812 (7885397)	1.34	26.4	299	12.4	7.0	<0.001	0.03	1.01	5.6	0.3	0.6	6.8	<0.01	<0.01	
813 (7885398)	0.75	30.6	1140	51.6	5.6	<0.001	0.06	0.77	11.2	1.3	<0.2	12.4	<0.01	<0.01	
814 (7885399)	1.62	33.8	532	18.0	11.7	<0.001	0.02	0.93	4.7	<0.2	0.4	<0.2	<0.01	<0.01	
815 (7885400)	1.65	44.3	1540	27.7	9.5	<0.001	0.01	1.84	8.8	0.4	0.6	36.6	<0.01	<0.01	
816 (7885401)	1.63	47.5	1920	25.6	16.3	<0.001	0.02	1.98	9.8	0.6	0.8	44.2	<0.01	<0.01	
817 (7885402)	1.64	31.3	1370	22.7	14.4	<0.001	0.08	0.96	9.1	1.0	0.5	48.1	<0.01	<0.01	
817 #2 (7885403)	1.53	32.2	1410	27.2	12.8	<0.001	0.06	0.95	7.9	0.8	0.9	45.1	<0.01	<0.01	
818 (7885404)	2.29	40.5	1610	28.3	16.0	<0.001	0.06	1.22	11.0	1.2	0.6	30.3	<0.01	<0.01	
819 (7885405)	1.54	40.3	1950	23.8	11.0	<0.001	0.18	0.81	9.2	1.9	0.3	58.9	<0.01	<0.01	
820 (7885406)	1.99	15.4	734	14.3	11.6	<0.001	0.03	0.65	2.5	<0.2	0.6	14.6	<0.01	<0.01	
821 (7885407)	1.82	62.4	4470	41.6	10.5	<0.001	0.05	1.98	13.7	1.0	0.7	70.3	<0.01	<0.01	
822 (7885408)	0.86	42.0	1250	40.4	9.8	<0.001	0.02	1.75	7.7	0.3	0.5	22.3	<0.01	<0.01	
823 (7885409)	1.42	31.7	1180	20.3	10.4	<0.001	0.03	0.98	6.6	0.3	0.4	30.5	<0.01	<0.01	
824 (7885410)	1.26	32.5	1430	14.5	7.5	<0.001	0.03	1.08	4.7	0.3	0.4	25.1	<0.01	<0.01	
825 (7885411)	1.81	14.2	477	14.4	10.9	<0.001	0.02	0.81	2.4	<0.2	0.6	14.3	<0.01	<0.01	
826 (7885412)	2.00	41.6	1360	26.7	16.9	<0.001	0.08	0.89	8.1	1.0	0.5	46.4	<0.01	<0.01	
827 (7885413)	1.33	40.8	1710	23.2	12.8	<0.001	0.03	1.16	7.7	0.9	0.5	40.7	<0.01	<0.01	
828 (7885414)	1.46	35.7	1410	24.1	15.9	<0.001	0.06	0.89	8.7	0.9	0.4	60.4	<0.01	<0.01	
829 (7885415)	1.32	38.0	1510	26.1	12.7	<0.001	0.05	1.02	8.1	2.6	0.5	40.9	<0.01	<0.01	
830 (7885416)	0.80	38.3	1390	24.0	9.8	<0.001	0.06	0.88	7.5	1.0	0.3	56.3	<0.01	<0.01	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 16T141787

PROJECT:

5623 McADAM ROAD
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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Scott Berdahl; Ron Berdahl

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

DATE SAMPLED: Sep 29, 2016		DATE RECEIVED: Sep 27, 2016						DATE REPORTED: Oct 14, 2016				SAMPLE TYPE: Other			
Analyte:	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	0.05	0.5	10	0.1	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	
831 (7885418)	1.05	34.8	1680	23.8	12.3	<0.001	0.04	0.93	6.9	1.5	0.3	54.9	<0.01	<0.01	
832 (7885419)	1.28	40.3	2450	37.8	11.9	<0.001	0.16	1.19	9.1	2.0	0.4	85.8	<0.01	<0.01	
833 (7885420)	1.13	41.2	2640	39.7	12.2	<0.001	0.09	1.58	9.9	2.3	0.4	103	<0.01	<0.01	
834 (7885421)	0.88	38.8	1650	27.2	13.6	<0.001	0.10	1.04	10.9	2.3	0.4	69.2	<0.01	<0.01	
835 (7885422)	0.65	36.0	763	22.8	9.9	<0.001	0.03	1.00	7.5	1.4	0.3	19.9	<0.01	<0.01	
836 (7885423)	1.18	40.6	2180	41.5	7.4	<0.001	0.03	2.49	6.0	0.4	0.3	46.6	<0.01	<0.01	
837 (7885424)	0.84	32.9	1070	25.4	10.5	<0.001	0.17	1.03	6.3	1.8	<0.2	66.2	<0.01	<0.01	
838 (7885425)	1.00	19.0	961	14.5	11.7	<0.001	0.23	0.45	4.8	1.6	0.2	115	<0.01	<0.01	
839 (7885426)	1.40	32.9	606	38.3	8.2	<0.001	0.02	2.19	4.8	<0.2	0.5	<0.2	<0.01	<0.01	
840 (7885427)	5.35	30.5	1080	44.0	20.5	<0.001	0.07	1.33	9.7	1.2	0.7	32.6	0.14	5.54	
841 (7885428)	2.10	30.2	1030	38.3	14.8	<0.001	0.04	1.36	7.0	1.1	0.4	25.9	<0.01	0.56	
842 (7885429)	2.18	38.0	1530	25.1	7.7	<0.001	0.03	1.80	4.9	0.3	0.4	33.1	<0.01	0.13	
843 (7885430)	1.08	36.3	811	52.2	12.9	<0.001	0.04	1.72	9.2	0.8	0.4	13.8	<0.01	<0.01	
844 (7885431)	1.14	34.1	741	23.6	6.6	<0.001	0.02	1.33	6.2	0.4	0.3	13.0	<0.01	<0.01	
845 (7885432)	1.27	34.1	1270	34.7	6.7	<0.001	0.01	1.72	6.0	0.4	0.4	14.6	<0.01	<0.01	
846 (7885433)	2.08	31.9	1320	22.9	14.5	<0.001	0.04	1.09	6.8	0.3	0.5	40.0	<0.01	<0.01	
847 (7885434)	1.63	67.6	2700	67.2	8.9	<0.001	0.05	2.94	8.7	0.7	0.4	48.5	<0.01	<0.01	
898 (7885435)	3.64	37.1	1910	25.8	18.8	<0.001	0.05	1.53	6.9	0.6	0.6	52.0	<0.01	<0.01	
899 (7885436)	2.24	41.8	2170	19.8	24.8	<0.001	0.02	1.83	8.7	0.4	0.8	52.4	<0.01	<0.01	
900 (7885437)	2.96	30.1	1190	32.9	14.7	<0.001	0.03	1.50	4.5	<0.2	0.6	18.2	<0.01	<0.01	
508 (7885438)	4.01	101	2440	21.4	12.6	<0.001	0.13	1.10	8.2	2.3	1.3	45.0	<0.01	1.26	
503 (7885439)	1.44	166	4520	33.7	8.6	<0.001	0.10	2.13	12.3	2.8	0.5	98.2	<0.01	0.26	
525 (7885440)	1.23	793	2920	75.4	10.6	<0.001	0.10	3.01	7.6	2.6	0.4	82.6	<0.01	<0.01	
526 (7885441)	1.39	511	2960	75.4	11.9	<0.001	0.09	3.35	8.0	1.7	0.4	74.7	<0.01	<0.01	

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Scott Berdahl; Ron Berdahl

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

DATE SAMPLED: Sep 29, 2016		DATE RECEIVED: Sep 27, 2016					DATE REPORTED: Oct 14, 2016			SAMPLE TYPE: Other	
Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr		
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
RDL:	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5		
751 (7885320)	1.1	0.048	0.10	1.02	62.1	1.84	8.10	105	2.6		
752 (7885321)	3.4	0.034	0.10	1.29	50.5	1.06	13.5	104	4.0		
753 (7885322)	3.3	0.043	0.08	0.83	51.8	0.99	6.69	103	1.2		
754 (7885323)	3.3	0.049	0.10	1.01	58.9	1.20	9.95	82.1	2.3		
755 (7885324)	3.6	0.038	0.11	1.09	51.5	0.95	12.3	90.5	2.8		
756 (7885325)	3.3	0.044	0.08	0.95	53.2	0.82	11.5	88.0	1.6		
757 (7885326)	3.9	0.051	0.11	1.12	57.8	0.94	12.8	94.0	1.9		
758 (7885327)	2.1	0.035	0.09	0.57	54.5	0.95	3.64	60.8	1.2		
759 (7885328)	1.6	0.048	0.07	0.58	51.7	1.49	4.03	50.8	<0.5		
760 (7885330)	5.7	0.069	0.11	1.09	59.1	1.17	10.9	85.1	0.9		
761 (7885331)	4.5	0.054	0.08	0.86	53.7	0.79	12.9	88.7	2.1		
762 (7885332)	3.6	0.013	0.09	1.36	24.5	0.49	75.7	95.8	6.8		
763 (7885333)	3.7	0.017	0.09	0.63	45.9	0.58	3.34	87.0	2.8		
764 (7885334)	3.3	0.073	0.09	0.71	74.3	1.38	5.65	120	0.8		
765 (7885335)	4.9	0.061	0.13	0.88	97.6	2.02	6.68	112	2.6		
766 (7885336)	3.5	0.021	0.07	0.90	57.9	0.61	11.7	106	1.7		
767 (7885337)	4.3	0.025	0.11	0.72	101	0.58	15.7	141	1.1		
768 (7885338)	0.6	0.032	0.12	0.58	65.4	0.61	5.43	99.7	1.3		
851 (7885339)	4.6	0.017	0.06	0.70	36.1	0.16	5.77	96.0	3.1		
852 (7885340)	6.0	0.019	0.06	0.68	29.7	0.12	4.59	82.8	2.2		
853 (7885341)	8.1	0.006	0.10	2.08	20.1	<0.05	35.4	105	8.7		
854 (7885342)	6.0	0.014	0.06	0.67	28.4	0.09	7.20	130	2.2		
855 (7885343)	6.9	0.011	0.03	0.83	20.1	1.46	6.28	130	3.5		
856 (7885344)	5.3	0.019	0.07	0.54	38.1	0.30	2.72	173	1.5		
857 (7885345)	4.4	0.012	0.09	0.87	25.4	0.10	13.2	82.4	4.8		
858 (7885346)	4.5	0.020	0.08	0.70	43.0	0.64	4.04	94.8	2.4		
859 (7885347)	5.7	0.014	0.08	0.61	53.8	0.21	3.96	110	2.9		
860 (7885348)	5.1	0.033	0.11	0.78	54.2	0.60	5.22	85.8	3.0		
861 (7885349)	4.8	0.016	0.05	0.58	29.4	0.16	5.56	102	2.4		
862 (7885350)	3.8	0.041	0.14	1.09	62.8	3.56	7.79	82.6	3.1		
863 (7885351)	3.6	0.016	0.06	0.81	38.4	0.25	10.9	69.2	2.5		
864 (7885352)	4.5	0.022	0.07	0.60	42.9	0.21	4.94	111	2.1		

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

DATE SAMPLED: Sep 29, 2016		DATE RECEIVED: Sep 27, 2016					DATE REPORTED: Oct 14, 2016			SAMPLE TYPE: Other	
Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr		
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5		
865 (7885353)	3.2	0.031	0.07	0.55	57.8	0.34	3.04	69.7	1.5		
866 (7885354)	4.7	0.044	0.05	0.47	53.2	0.11	4.33	80.4	0.7		
867 (7885355)	12.9	0.035	0.05	0.70	41.2	0.27	6.58	99.3	2.2		
868 (7885356)	9.2	0.005	0.13	0.90	12.4	<0.05	28.7	99.0	6.2		
869 (7885357)	6.6	0.033	0.06	0.80	46.6	0.16	11.1	116	1.6		
870 (7885358)	7.0	0.042	0.05	0.88	42.3	3.51	10.6	105	2.7		
871 (7885359)	4.2	0.076	0.24	1.41	101	6.41	13.9	95.1	3.3		
872 (7885360)	3.5	0.008	0.19	2.65	37.3	0.57	13.1	87.3	4.7		
873 (7885361)	3.8	0.047	0.06	0.71	65.0	0.38	8.39	100	1.2		
874 (7885362)	5.9	0.017	0.06	0.72	33.1	<0.05	8.27	115	3.4		
875 (7885363)	6.4	0.017	0.07	0.86	34.9	<0.05	8.89	119	4.4		
876 (7885364)	6.0	0.015	0.06	0.93	31.9	<0.05	8.07	83.8	4.5		
877 (7885365)	6.2	0.022	0.06	1.30	31.4	0.34	9.22	89.4	4.2		
878 (7885366)	5.0	0.022	0.08	0.84	46.1	0.25	7.01	88.9	2.8		
879 (7885367)	5.1	0.023	0.06	0.78	35.3	0.06	8.66	99.2	2.4		
880 (7885368)	9.0	0.027	0.04	0.94	26.8	<0.05	5.36	103	1.0		
881 (7885369)	9.2	0.027	0.03	0.94	25.2	<0.05	5.29	102	0.9		
882 (7885370)	5.0	0.014	0.05	0.51	32.7	<0.05	5.57	88.1	3.3		
883 (7885371)	4.7	0.016	0.08	1.04	83.4	<0.05	16.1	115	5.9		
884 (7885372)	3.7	0.018	0.08	0.66	37.5	<0.05	4.47	91.9	2.6		
885 (7885373)	13.9	0.026	0.08	0.99	45.4	0.85	8.17	114	7.2		
886 (7885374)	7.2	0.014	0.06	1.22	25.9	0.40	9.53	139	8.2		
887 (7885375)	6.6	0.041	0.09	1.12	50.6	0.49	10.6	103	3.7		
888 (7885376)	5.5	0.037	0.09	0.83	71.9	0.40	11.0	128	2.4		
889 (7885377)	6.0	0.022	0.08	0.91	52.5	0.13	15.6	143	5.2		
890 (7885378)	8.5	0.058	0.10	0.85	55.9	0.57	12.3	124	6.0		
891 (7885379)	5.2	0.029	0.07	0.69	66.6	0.70	8.97	182	4.6		
892 (7885380)	5.1	0.060	0.12	1.20	60.9	0.64	11.1	106	1.8		
893 (7885381)	2.8	0.048	0.11	2.31	49.8	1.28	9.76	94.7	2.4		
894 (7885382)	4.3	0.069	0.13	1.63	58.8	1.05	11.2	96.8	1.4		
895 (7885383)	3.3	0.063	0.09	0.77	63.7	1.34	6.86	64.7	0.7		
896 (7885384)	4.2	0.079	0.10	0.82	75.6	1.06	5.36	83.5	1.7		

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

DATE SAMPLED: Sep 29, 2016	DATE RECEIVED: Sep 27, 2016					DATE REPORTED: Oct 14, 2016				SAMPLE TYPE: Other
Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5	
897 (7885385)	2.5	0.050	0.11	1.05	64.6	0.97	6.52	95.5	0.9	
801 (7885386)	5.2	0.013	0.06	0.78	24.2	<0.05	8.63	111	4.7	
802 (7885387)	3.7	0.020	0.07	0.51	36.3	0.21	3.64	82.8	2.3	
803 (7885388)	3.3	0.014	0.05	0.47	36.5	0.12	3.14	108	2.6	
804 (7885389)	2.7	0.012	0.05	0.48	32.8	0.07	5.50	85.2	2.0	
805 (7885390)	3.3	0.006	0.04	0.39	16.8	<0.05	3.73	92.0	1.7	
806 (7885391)	2.4	0.049	0.12	2.60	59.0	2.95	11.1	56.6	6.3	
807 (7885392)	2.4	0.021	0.05	0.37	40.5	0.16	1.92	38.5	0.5	
808 (7885393)	6.1	0.034	0.08	0.85	51.8	0.29	13.1	111	4.5	
809 (7885394)	3.7	0.007	0.06	1.16	21.7	<0.05	7.59	119	3.4	
810 (7885395)	5.0	0.012	0.03	0.82	20.6	<0.05	16.2	88.3	3.9	
811 (7885396)	6.0	0.028	0.05	0.95	37.3	0.16	10.5	97.0	2.4	
812 (7885397)	3.7	0.021	0.08	0.72	43.9	0.19	7.41	73.9	2.4	
813 (7885398)	8.7	0.008	0.09	3.01	18.0	<0.05	44.0	33.9	8.7	
814 (7885399)	3.0	0.020	0.05	0.46	36.3	0.16	2.81	84.3	2.9	
815 (7885400)	6.2	0.052	0.11	1.25	68.7	0.51	13.1	100	2.7	
816 (7885401)	6.9	0.039	0.16	1.11	68.2	0.57	12.7	124	5.6	
817 (7885402)	5.2	0.022	0.13	1.82	49.2	0.17	14.6	84.8	6.6	
817 #2 (7885403)	4.8	0.024	0.11	1.67	51.7	0.15	13.4	88.5	4.9	
818 (7885404)	5.3	0.035	0.15	3.26	63.5	0.31	18.5	123	4.6	
819 (7885405)	4.5	0.023	0.10	2.96	50.8	0.17	19.7	122	4.6	
820 (7885406)	1.6	0.038	0.07	0.45	50.9	0.14	2.97	50.4	0.7	
821 (7885407)	4.4	0.034	0.17	1.23	125	0.49	21.8	159	4.2	
822 (7885408)	6.5	0.019	0.10	1.15	40.5	1.16	11.2	124	4.4	
823 (7885409)	6.5	0.048	0.08	1.17	40.7	0.11	9.86	92.4	3.0	
824 (7885410)	5.3	0.036	0.07	1.52	36.5	0.22	8.30	89.1	2.2	
825 (7885411)	2.5	0.044	0.07	0.61	58.2	0.22	4.24	44.3	<0.5	
826 (7885412)	5.5	0.043	0.17	2.75	56.7	0.08	15.9	136	4.3	
827 (7885413)	7.6	0.036	0.09	1.30	47.7	<0.05	12.6	118	4.5	
828 (7885414)	6.4	0.020	0.08	1.44	46.4	0.05	13.5	97.4	6.4	
829 (7885415)	5.9	0.020	0.10	2.16	49.0	<0.05	11.8	98.5	6.1	
830 (7885416)	4.9	0.013	0.06	1.33	39.8	<0.05	10.8	106	5.5	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 16T141787

PROJECT:

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Scott Berdahl; Ron Berdahl

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

DATE SAMPLED: Sep 29, 2016	DATE RECEIVED: Sep 27, 2016					DATE REPORTED: Oct 14, 2016				SAMPLE TYPE: Other
Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5	
831 (7885418)	5.7	0.018	0.06	1.20	41.1	<0.05	11.2	108	5.1	
832 (7885419)	5.4	0.018	0.05	1.64	48.0	<0.05	17.6	131	6.7	
833 (7885420)	5.4	0.020	0.07	2.31	57.2	<0.05	18.4	141	6.3	
834 (7885421)	4.6	0.010	0.09	2.03	45.7	<0.05	19.3	132	6.9	
835 (7885422)	6.7	0.012	0.06	1.59	30.4	<0.05	13.8	99.5	4.5	
836 (7885423)	5.4	0.023	0.07	0.80	59.7	0.64	10.0	121	3.1	
837 (7885424)	6.1	0.012	0.05	1.68	25.0	<0.05	8.45	103	6.3	
838 (7885425)	3.6	0.013	0.06	2.67	19.3	<0.05	6.60	55.1	4.9	
839 (7885426)	5.6	0.023	0.07	0.76	42.4	0.06	4.19	102	1.8	
840 (7885427)	13.3	0.007	0.13	3.35	33.3	0.61	21.8	85.1	12.4	
841 (7885428)	6.6	0.016	0.10	1.86	36.5	0.57	12.2	76.0	5.0	
842 (7885429)	5.3	0.032	0.06	0.75	52.6	0.60	7.09	121	2.6	
843 (7885430)	6.5	0.011	0.08	2.02	28.1	0.08	12.6	97.9	5.8	
844 (7885431)	5.7	0.031	0.04	0.96	33.6	0.18	6.64	100	2.1	
845 (7885432)	5.3	0.036	0.05	0.87	42.7	0.21	7.41	101	2.1	
846 (7885433)	4.9	0.027	0.10	1.22	49.7	0.33	9.03	97.1	4.2	
847 (7885434)	4.7	0.029	0.12	1.63	86.0	0.37	16.7	169	3.9	
898 (7885435)	5.0	0.072	0.17	1.96	60.4	1.84	12.5	106	1.7	
899 (7885436)	8.3	0.112	0.19	1.47	79.1	1.61	13.4	103	5.1	
900 (7885437)	4.5	0.042	0.09	0.89	58.7	1.14	6.10	94.3	2.7	
508 (7885438)	4.1	0.102	0.15	1.69	71.8	9.87	10.6	76.8	2.7	
503 (7885439)	4.0	0.022	0.12	1.33	99.0	0.72	62.1	379	2.7	
525 (7885440)	3.7	0.024	0.23	2.30	81.3	0.15	38.1	1560	2.9	
526 (7885441)	3.7	0.026	0.21	2.46	82.0	0.15	24.7	879	3.2	

Comments: RDL - Reported Detection Limit

7885320-7885441 Au determination by this method is semi-quantitative due to small sample size.

Certified By:



CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Scott Berdahl; Ron Berdahl

(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	7885320	< 0.01	< 0.01	0.0%	7885339	0.21	0.2	4.9%	7885355	< 0.01	< 0.01	0.0%	7885373	< 0.01	< 0.01	0.0%
Al	7885320	1.57	1.57	0.0%	7885339	1.71	1.71	0.0%	7885355	1.42	1.38	2.9%	7885373	1.53	1.57	2.6%
As	7885320	51.2	47.4	7.7%	7885339	16.0	15.5	3.2%	7885355	25.0	26.0	3.9%	7885373	23.6	27.7	16.0%
Au	7885320	0.019	0.005		7885339	0.011	< 0.005		7885355	0.007	< 0.005		7885373	0.006	< 0.005	
B	7885320	< 5	< 5	0.0%	7885339	< 5	< 5	0.0%	7885355	< 5	< 5	0.0%	7885373	< 5	< 5	0.0%
Ba	7885320	328	333	1.5%	7885339	151	151	0.0%	7885355	197	193	2.1%	7885373	195	199	2.0%
Be	7885320	1.57	1.61	2.5%	7885339	1.74	1.75	0.6%	7885355	1.23	1.28	4.0%	7885373	1.24	1.31	5.5%
Bi	7885320	0.19	0.14		7885339	0.312	0.340	8.6%	7885355	0.21	0.13		7885373	0.86	0.59	37.2%
Ca	7885320	0.347	0.339	2.3%	7885339	0.05	0.05	0.0%	7885355	0.24	0.24	0.0%	7885373	0.295	0.304	3.0%
Cd	7885320	0.18	0.18	0.0%	7885339	0.129	0.121	6.4%	7885355	0.117	0.091	25.0%	7885373	0.18	0.21	15.4%
Ce	7885320	49.1	48.5	1.2%	7885339	39.4	39.7	0.8%	7885355	61.1	53.0	14.2%	7885373	68.7	69.6	1.3%
Co	7885320	20.5	19.9	3.0%	7885339	16.8	16.7	0.6%	7885355	16.3	16.3	0.0%	7885373	22.4	23.1	3.1%
Cr	7885320	32.7	31.3	4.4%	7885339	31.6	30.9	2.2%	7885355	29.1	28.9	0.7%	7885373	36.5	36.8	0.8%
Cs	7885320	3.77	3.27	14.2%	7885339	7.25	7.62	5.0%	7885355	1.91	1.85	3.2%	7885373	2.38	2.72	13.3%
Cu	7885320	33.2	33.5	0.9%	7885339	28.5	28.6	0.4%	7885355	30.9	27.5	11.6%	7885373	32.5	31.1	4.4%
Fe	7885320	4.41	4.35	1.4%	7885339	5.26	5.34	1.5%	7885355	4.24	4.25	0.2%	7885373	4.57	4.69	2.6%
Ga	7885320	5.93	6.30	6.1%	7885339	5.85	5.71	2.4%	7885355	5.13	5.11	0.4%	7885373	5.27	5.68	7.5%
Ge	7885320	< 0.05	< 0.05	0.0%	7885339	< 0.05	< 0.05	0.0%	7885355	< 0.05	< 0.05	0.0%	7885373	< 0.05	< 0.05	0.0%
Hf	7885320	< 0.02	< 0.02	0.0%	7885339	< 0.02	< 0.02	0.0%	7885355	< 0.02	< 0.02	0.0%	7885373	2.34	2.2	6.2%
Hg	7885320	0.10	0.09	10.5%	7885339	0.09	0.09	0.0%	7885355	0.078	0.087	10.9%	7885373	0.08	0.08	0.0%
In	7885320	0.043	0.041	4.8%	7885339	0.038	0.039	2.6%	7885355	0.049	0.039	22.7%	7885373	0.060	0.049	20.2%
K	7885320	0.13	0.13	0.0%	7885339	0.06	0.06	0.0%	7885355	0.05	0.05	0.0%	7885373	0.08	0.08	0.0%
La	7885320	23.2	22.2	4.4%	7885339	17.5	17.7	1.1%	7885355	29.0	24.6	16.4%	7885373	29.9	30.8	3.0%
Li	7885320	19.8	19.8	0.0%	7885339	35.0	35.2	0.6%	7885355	27.3	27.0	1.1%	7885373	26.3	27.5	4.5%
Mg	7885320	0.56	0.56	0.0%	7885339	0.45	0.45	0.0%	7885355	0.58	0.57	1.7%	7885373	0.628	0.646	2.8%
Mn	7885320	993	1010	1.7%	7885339	593	599	1.0%	7885355	669	666	0.4%	7885373	1200	1240	3.3%
Mo	7885320	1.38	1.16	17.3%	7885339	1.35	1.34	0.7%	7885355	1.61	1.48	8.4%	7885373	1.37	1.11	21.0%
Na	7885320	0.01	0.01	0.0%	7885339	< 0.01	< 0.01	0.0%	7885355	< 0.01	< 0.01	0.0%	7885373	< 0.01	< 0.01	0.0%
Nb	7885320	3.12	2.99	4.3%	7885339	1.43	1.42	0.7%	7885355	2.37	1.86	24.1%	7885373	4.47	3.98	11.6%
Ni	7885320	33.2	33.6	1.2%	7885339	31.6	30.7	2.9%	7885355	32.0	32.1	0.3%	7885373	35.8	36.5	1.9%
P	7885320	1430	1350	5.8%	7885339	592	587	0.8%	7885355	715	735	2.8%	7885373	1260	1290	2.4%



CLIENT NAME: MISC AGAT CLIENT ON

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Pb	7885320	31.5	27.9	12.1%	7885339	43.1	46.0	6.5%	7885355	27.8	26.6	4.4%	7885373	33.6	36.4	8.0%
Rb	7885320	12.3	13.0	5.5%	7885339	8.4	8.6	2.4%	7885355	8.1	8.1	0.0%	7885373	8.1	8.4	3.6%
Re	7885320	< 0.001	< 0.001	0.0%	7885339	< 0.001	< 0.001	0.0%	7885355	< 0.001	< 0.001	0.0%	7885373	< 0.001	< 0.001	0.0%
S	7885320	0.03	0.03	0.0%	7885339	0.02	0.02	0.0%	7885355	0.017	0.014	19.4%	7885373	0.02	0.02	0.0%
Sb	7885320	1.88	1.85	1.6%	7885339	1.04	1.02	1.9%	7885355	2.00	1.57	24.1%	7885373	1.45	1.49	2.7%
Sc	7885320	4.58	4.29	6.5%	7885339	4.25	4.15	2.4%	7885355	4.8	4.8	0.0%	7885373	6.13	6.25	1.9%
Se	7885320	< 0.2	0.5		7885339	0.3	0.4	28.6%	7885355	0.4	0.3	28.6%	7885373	0.9	0.9	0.0%
Sn	7885320	0.80	0.74	7.8%	7885339	0.55	0.57	3.6%	7885355	2.5	2.3	8.3%	7885373	0.56	0.54	3.6%
Sr	7885320	22.1	24.6	10.7%	7885339	7.31	7.14	2.4%	7885355	10.0	8.5	16.2%	7885373	19.9	18.6	6.8%
Ta	7885320	0.21	0.11		7885339	< 0.01	< 0.01	0.0%	7885355	< 0.01	< 0.01	0.0%	7885373	0.13	0.09	36.4%
Te	7885320	< 0.01	< 0.01	0.0%	7885339	< 0.01	< 0.01	0.0%	7885355	< 0.01	< 0.01	0.0%	7885373	6.18	5.9	4.6%
Th	7885320	1.1	1.0	9.5%	7885339	4.6	4.8	4.3%	7885355	12.9	11	15.9%	7885373	13.9	11.2	21.5%
Ti	7885320	0.0477	0.0449	6.0%	7885339	0.017	0.018	5.7%	7885355	0.0346	0.0291	17.3%	7885373	0.026	0.027	3.8%
Tl	7885320	0.098	0.083	16.6%	7885339	0.06	0.06	0.0%	7885355	0.05	0.05	0.0%	7885373	0.076	0.073	4.0%
U	7885320	1.02	0.98	4.0%	7885339	0.70	0.71	1.4%	7885355	0.695	0.673	3.2%	7885373	0.99	1.09	9.6%
V	7885320	62.1	61.3	1.3%	7885339	36.1	36.0	0.3%	7885355	41.2	40.3	2.2%	7885373	45.4	46.4	2.2%
W	7885320	1.84	1.49	21.0%	7885339	0.156	0.141	10.1%	7885355	0.27	0.29	7.1%	7885373	0.847	0.761	10.7%
Y	7885320	8.10	7.93	2.1%	7885339	5.77	5.65	2.1%	7885355	6.58	6.39	2.9%	7885373	8.17	8.33	1.9%
Zn	7885320	105	101	3.9%	7885339	96.0	92.2	4.0%	7885355	99.3	90.7	9.1%	7885373	114	116	1.7%
Zr	7885320	2.6	1.7		7885339	3.1	3.0	3.3%	7885355	2.18	1.84	16.9%	7885373	7.17	5.70	22.8%

	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	7885391	0.35	0.26	29.5%	7885392	< 0.01	< 0.01	0.0%	7885410	< 0.01	< 0.01	0.0%	7885427	1.20	1.05	13.3%
Al	7885391	1.70	1.72	1.2%	7885392	0.728	0.721	1.0%	7885410	1.42	1.44	1.4%	7885427	1.67	1.63	2.4%
As	7885391	16.0	16.1	0.6%	7885392	11.2	12.1	7.7%	7885410	28.1	31.6	11.7%	7885427	139	141	1.4%
Au	7885391	0.029	0.029	0.0%	7885392	< 0.005	< 0.005	0.0%	7885410	< 0.005	< 0.005	0.0%	7885427	0.012	< 0.005	
B	7885391	7	7	0.0%	7885392	< 5	< 5	0.0%	7885410	< 5	< 5	0.0%	7885427	< 5	< 5	0.0%
Ba	7885391	290	296	2.0%	7885392	80	81	1.2%	7885410	171	173	1.2%	7885427	289	290	0.3%
Be	7885391	1.57	1.58	0.6%	7885392	0.447	0.485	8.2%	7885410	1.13	1.15	1.8%	7885427	1.76	1.75	0.6%
Bi	7885391	13.8	14.4	4.3%	7885392	0.08	0.07	13.3%	7885410	0.347	0.284	20.0%	7885427	1.73	1.52	12.9%
Ca	7885391	1.68	1.70	1.2%	7885392	0.02	0.02	0.0%	7885410	0.38	0.38	0.0%	7885427	0.38	0.38	0.0%
Cd	7885391	0.157	0.118	28.4%	7885392	0.05	0.06	18.2%	7885410	0.14	0.17	19.4%	7885427	0.279	0.261	6.7%
Ce	7885391	35.6	36.3	1.9%	7885392	26.6	25.4	4.6%	7885410	58.1	60.7	4.4%	7885427	24.7	24.8	0.4%
Co	7885391	31.5	32.2	2.2%	7885392	8.79	8.87	0.9%	7885410	15.0	15.6	3.9%	7885427	12.5	12.1	3.3%



CLIENT NAME: MISC AGAT CLIENT ON

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Cr	7885391	85.7	87.1	1.6%	7885392	17.3	17.0	1.7%	7885410	27.9	28.2	1.1%	7885427	26.2	25.7	1.9%
Cs	7885391	2.81	2.94	4.5%	7885392	2.78	2.90	4.2%	7885410	1.87	1.83	2.2%	7885427	19.0	18.4	3.2%
Cu	7885391	253	254	0.4%	7885392	6.2	6.5	4.7%	7885410	29.0	29.5	1.7%	7885427	60.7	60.6	0.2%
Fe	7885391	6.30	6.41	1.7%	7885392	2.78	2.82	1.4%	7885410	3.83	3.83	0.0%	7885427	3.61	3.60	0.3%
Ga	7885391	6.60	6.84	3.6%	7885392	4.57	4.68	2.4%	7885410	5.28	4.59	14.0%	7885427	4.16	4.18	0.5%
Ge	7885391	< 0.05	< 0.05	0.0%	7885392	< 0.05	< 0.05	0.0%	7885410	< 0.05	< 0.05	0.0%	7885427	< 0.05	< 0.05	0.0%
Hf	7885391	0.14	0.09	43.5%	7885392	< 0.02	< 0.02	0.0%	7885410	< 0.02	< 0.02	0.0%	7885427	4.29	4.1	4.5%
Hg	7885391	0.13	0.13	0.0%	7885392	0.08	0.08	0.0%	7885410	0.11	0.11	0.0%	7885427	0.258	0.254	1.6%
In	7885391	0.031	0.029	6.7%	7885392	0.017	0.017	0.0%	7885410	0.039	0.034	13.7%	7885427	0.054	0.041	27.4%
K	7885391	0.04	0.04	0.0%	7885392	0.04	0.04	0.0%	7885410	0.06	0.06	0.0%	7885427	0.145	0.136	6.4%
La	7885391	17.5	18.5	5.6%	7885392	12.0	11.4	5.1%	7885410	25.9	27.1	4.5%	7885427	15.9	15.5	2.5%
Li	7885391	20.8	21.4	2.8%	7885392	8.1	8.2	1.2%	7885410	27.2	27.5	1.1%	7885427	18.4	17.6	4.4%
Mg	7885391	0.87	0.88	1.1%	7885392	0.168	0.163	3.0%	7885410	0.51	0.51	0.0%	7885427	0.30	0.30	0.0%
Mn	7885391	1050	1050	0.0%	7885392	517	519	0.4%	7885410	660	672	1.8%	7885427	440	447	1.6%
Mo	7885391	1.31	1.22	7.1%	7885392	0.77	0.77	0.0%	7885410	0.61	0.49	21.8%	7885427	0.85	0.59	36.1%
Na	7885391	0.01	0.01	0.0%	7885392	< 0.01	< 0.01	0.0%	7885410	< 0.01	< 0.01	0.0%	7885427	< 0.01	< 0.01	0.0%
Nb	7885391	3.22	3.19	0.9%	7885392	1.19	1.32	10.4%	7885410	1.26	1.14	10.0%	7885427	5.35	4.58	15.5%
Ni	7885391	70.5	71.9	2.0%	7885392	11.9	12.5	4.9%	7885410	32.5	33.0	1.5%	7885427	30.5	30.0	1.7%
P	7885391	2020	2100	3.9%	7885392	378	408	7.6%	7885410	1430	1450	1.4%	7885427	1080	1140	5.4%
Pb	7885391	28.1	23.3	18.7%	7885392	13.5	14.1	4.3%	7885410	14.5	13.9	4.2%	7885427	44.0	45.5	3.4%
Rb	7885391	6.7	7.0	4.4%	7885392	10.7	10.4	2.8%	7885410	7.47	6.90	7.9%	7885427	20.5	19.4	5.5%
Re	7885391	< 0.001	< 0.001	0.0%	7885392	< 0.001	< 0.001	0.0%	7885410	< 0.001	< 0.001	0.0%	7885427	< 0.001	< 0.001	0.0%
S	7885391	0.124	0.125	0.8%	7885392	< 0.01	< 0.01	0.0%	7885410	0.03	0.03	0.0%	7885427	0.07	0.07	0.0%
Sb	7885391	1.04	0.922	12.0%	7885392	0.50	0.52	3.9%	7885410	1.08	0.95	12.8%	7885427	1.33	1.17	12.8%
Sc	7885391	6.7	6.9	2.9%	7885392	1.7	1.6	6.1%	7885410	4.7	4.8	2.1%	7885427	9.75	10.0	2.5%
Se	7885391	2.3	2.4	4.3%	7885392	< 0.2	< 0.2	0.0%	7885410	0.3	0.3	0.0%	7885427	1.23	1.58	24.9%
Sn	7885391	1.2	1.2	0.0%	7885392	0.54	0.58	7.1%	7885410	0.40	0.33	19.2%	7885427	0.7	0.6	15.4%
Sr	7885391	121	126	4.0%	7885392	< 0.2	< 0.2	0.0%	7885410	25.1	25.7	2.4%	7885427	32.6	28.7	12.7%
Ta	7885391	0.06	0.05	18.2%	7885392	< 0.01	< 0.01	0.0%	7885410	< 0.01	< 0.01	0.0%	7885427	0.14	0.11	24.0%
Te	7885391	0.94	1.04	10.1%	7885392	< 0.01	< 0.01	0.0%	7885410	< 0.01	< 0.01	0.0%	7885427	5.54	5.43	2.0%
Th	7885391	2.4	2.3	4.3%	7885392	2.44	2.35	3.8%	7885410	5.3	4.9	7.8%	7885427	13.3	9.4	34.4%
Ti	7885391	0.0490	0.0499	1.8%	7885392	0.0211	0.0217	2.8%	7885410	0.036	0.036	0.0%	7885427	0.007	0.007	0.0%
Tl	7885391	0.12	0.12	0.0%	7885392	0.052	0.056	7.4%	7885410	0.07	0.07	0.0%	7885427	0.13	0.13	0.0%
U	7885391	2.60	2.59	0.4%	7885392	0.372	0.363	2.4%	7885410	1.52	1.47	3.3%	7885427	3.35	3.39	1.2%



CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Scott Berdahl; Ron Berdahl

V	7885391	59.0	61.9	4.8%	7885392	40.5	39.0	3.8%	7885410	36.5	37.4	2.4%	7885427	33.3	32.8	1.5%
W	7885391	2.95	2.66	10.3%	7885392	0.157	0.165	5.0%	7885410	0.218	0.209	4.2%	7885427	0.605	0.519	15.3%
Y	7885391	11.1	11.7	5.3%	7885392	1.92	1.74	9.8%	7885410	8.30	8.46	1.9%	7885427	21.8	21.5	1.4%
Zn	7885391	56.6	48.3	15.8%	7885392	38.5	38.1	1.0%	7885410	89.1	89.5	0.4%	7885427	85.1	86.6	1.7%
Zr	7885391	6.3	4.9	25.0%	7885392	0.5	0.5	0.0%	7885410	2.2	1.8	20.0%	7885427	12.4	11.2	10.2%



CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Scott Berdahl; Ron Berdahl

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

Parameter	CRM #1 (ref.CDN-ME-1304)				CRM #2 (ref.CDN-ME-1303)				CRM #3 (ref.CDN-ME-1304)				CRM #4 (ref.CDN-ME-1304)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag	34.0	34.4	101%	90% - 110%	152	148	98%	90% - 110%	34.0	34.5	102%	90% - 110%	34	35	102%	90% - 110%
Cu	2680	2695	101%	90% - 110%	3440	3479	101%	90% - 110%	2680	2745	102%	90% - 110%	2680	2745	102%	90% - 110%
Pb	2580	2617	101%	90% - 110%	12200	12098	99%	90% - 110%	2580	2511	97%	90% - 110%	2580	2511	97%	90% - 110%
Zn	2200	2289	104%	90% - 110%	9310	9565	103%	90% - 110%	2200	2230	101%	90% - 110%	2200	2230	101%	90% - 110%



Method Summary

CLIENT NAME: MISC AGAT CLIENT ON

AGAT WORK ORDER: 16T141787

PROJECT:

ATTENTION TO: Scott Berdahl; Ron Berdahl

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Ag	MIN-200-12018		ICP-MS
Al	MIN-200-12018		ICP/OES
As	MIN-200-12018		ICP-MS
Au	MIN-200-12018		ICP-MS
B	MIN-200-12018		ICP/OES
Ba	MIN-200-12018		ICP-MS
Be	MIN-200-12018		ICP-MS
Bi	MIN-200-12018		ICP-MS
Ca	MIN-200-12018		ICP/OES
Cd	MIN-200-12018		ICP-MS
Ce	MIN-200-12018		ICP-MS
Co	MIN-200-12018		ICP-MS
Cr	MIN-200-12018		ICP/OES
Cs	MIN-200-12018		ICP-MS
Cu	MIN-200-12018		ICP-MS
Fe	MIN-200-12018		ICP/OES
Ga	MIN-200-12018		ICP-MS
Ge	MIN-200-12018		ICP-MS
Hf	MIN-200-12018		ICP-MS
Hg	MIN-200-12018		ICP-MS
In	MIN-200-12018		ICP-MS
K	MIN-200-12018		ICP/OES
La	MIN-200-12018		ICP-MS
Li	MIN-200-12018		ICP-MS
Mg	MIN-200-12018		ICP/OES
Mn	MIN-200-12018		ICP/OES
Mo	MIN-200-12018		ICP-MS
Na	MIN-200-12018		ICP/OES
Nb	MIN-200-12018		ICP-MS
Ni	MIN-200-12018		ICP-MS
P	MIN-200-12018		ICP/OES
Pb	MIN-200-12018		ICP-MS
Rb	MIN-200-12018		ICP-MS
Re	MIN-200-12018		ICP-MS
S	MIN-200-12018		ICP/OES
Sb	MIN-200-12018		ICP-MS
Sc	MIN-200-12018		ICP-MS
Se	MIN-200-12018		ICP-MS
Sn	MIN-200-12018		ICP-MS
Sr	MIN-200-12018		ICP-MS
Ta	MIN-200-12018		ICP-MS
Te	MIN-200-12018		ICP-MS
Th	MIN-200-12018		ICP-MS
Ti	MIN-200-12018		ICP/OES
Tl	MIN-200-12018		ICP-MS
U	MIN-200-12018		ICP-MS
V	MIN-200-12018		ICP/OES
W	MIN-200-12018		ICP-MS
Y	MIN-200-12018		ICP-MS



Method Summary

CLIENT NAME: MISC AGAT CLIENT ON

AGAT WORK ORDER: 16T141787

PROJECT:

ATTENTION TO: Scott Berdahl; Ron Berdahl

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Zn	MIN-200-12018		ICP-MS
Zr	MIN-200-12018		ICP-MS