



BUREAU VERITAS MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: **Metallic Minerals Corp.**
#904 - 409 Granville Street
Vancouver British Columbia V6C 1T2 Canada

Submitted By: Scott Petsel
Receiving Lab: Canada-Whitehorse
Received: September 01, 2017
Report Date: January 12, 2018
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CERTIFICATE OF ANALYSIS

WHI17000767.2

CLIENT JOB INFORMATION

Project: Keno Silver
Shipment ID: Keno 08
P.O. Number
Number of Samples: 55

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
DISP-RJT Dispose of Reject After 60 days

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	51	Crush, split and pulverize 250 g rock to 200 mesh			WHI
SLBHP	4	Sort, label and box pulps			WHI
AQ202	55	1:1:1 Aqua Regia digestion ICP-MS analysis	30	Completed	VAN
SHP01	55	Per sample shipping charges for branch shipments			VAN
MA404	8	4 Acid Digest AAS Finish Vancouver	0.5	Completed	VAN
FA530	2	Lead collection fire assay 30G fusion - Grav finish	30	Completed	VAN
SPG04	4	Specific Gravity by Picnometry		Completed	VAN

ADDITIONAL COMMENTS

Version 2 : SPG04 included.

Invoice To: Metallic Minerals Corp.
#904 - 409 Granville Street
Vancouver British Columbia V6C 1T2
Canada

CC: Debbie James
Stuart Morris



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
*** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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	Method Analyte Unit MDL	WGHT	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
1891287	Drill Core	2.72	0.7	28.1	181.1	1331	7.0	12.4	2.8	6114	5.20	151.7	6.7	1.4	9	11.4	16.2	0.1	7	0.19	0.036
1891288	Rock Pulp	0.38	7.6	1871.7	>10000	>10000	61.1	15.0	17.5	1444	4.01	59.2	36.3	2.3	78	119.9	156.9	5.0	72	1.89	0.050
1891289	Drill Core	7.43	0.4	29.5	129.5	849	1.8	22.2	10.7	5036	2.19	70.8	0.7	1.3	21	20.2	8.1	0.3	10	0.99	0.035
1891290	Drill Core	4.14	0.7	8.5	95.6	322	0.6	12.2	5.2	2700	1.99	78.0	1.6	1.9	17	7.5	2.6	0.1	2	0.59	0.037
1891291	Drill Core	2.65	0.3	7.4	4.5	79	<0.1	5.0	1.1	64	0.85	14.7	<0.5	2.0	7	0.2	3.0	<0.1	2	0.02	0.017
1891292	Drill Core	2.50	0.6	34.2	7.6	160	0.5	12.1	2.8	125	1.83	22.9	<0.5	2.4	16	0.5	3.9	<0.1	6	0.02	0.034
1891293	Drill Core	0.86	0.3	16.1	3.1	85	0.2	7.8	1.0	61	0.88	7.3	<0.5	1.2	3	0.1	1.1	<0.1	<2	0.01	0.014
1891294	Drill Core	2.23	0.2	9.0	14.0	96	0.3	4.5	0.8	155	0.81	34.5	<0.5	1.6	9	4.0	2.0	0.1	<2	0.02	0.028
1891295	Drill Core	1.61	0.9	11.9	36.9	164	1.5	3.6	0.6	265	1.31	130.6	2.1	4.0	39	5.0	5.9	0.1	3	0.02	0.047
1891296	Drill Core	0.91	0.4	9.7	140.2	479	0.5	6.0	0.8	4513	1.26	73.1	2.5	1.8	16	25.1	1.1	<0.1	<2	0.11	0.040
1891297	Rock	1.63	<0.1	1.4	1.0	2	<0.1	<0.1	0.5	143	0.12	1.2	<0.5	<0.1	84	<0.1	<0.1	<0.1	<2	34.60	0.007
1891298	Drill Core	1.72	0.6	7.5	263.0	336	1.1	2.1	0.3	2660	1.90	290.3	4.6	2.4	7	13.4	2.3	<0.1	2	0.04	0.021
1891299	Rock Pulp	0.14	7.7	1851.5	>10000	>10000	60.9	15.3	17.3	1438	4.04	56.9	52.0	2.3	82	114.1	150.0	5.2	73	1.90	0.049
1891300	Drill Core	1.27	0.2	10.0	156.3	659	1.0	1.4	0.2	436	2.40	619.2	50.0	0.9	6	11.8	3.5	<0.1	<2	0.07	0.012
1891301	Drill Core	1.28	0.4	55.5	554.0	4223	15.2	10.6	1.8	3283	14.17	5721.6	380.1	8.5	24	88.3	58.1	<0.1	9	0.15	0.182
1891302	Drill Core	1.49	<0.1	0.9	2.6	9	<0.1	<0.1	0.4	125	0.12	9.3	2.3	<0.1	85	0.2	<0.1	<0.1	<2	33.67	0.006
1891303	Drill Core	2.29	0.6	14.6	73.5	387	3.4	3.3	0.6	131	1.47	178.3	<0.5	2.0	11	4.5	9.2	0.1	2	0.07	0.055
1891304	Drill Core	2.72	0.6	12.9	11.4	380	0.3	19.1	4.7	527	2.00	23.1	<0.5	3.3	72	2.4	3.0	<0.1	3	1.71	0.053
1891305	Drill Core	0.98	0.6	14.3	26.5	1180	0.2	25.5	9.7	1829	1.57	16.8	<0.5	1.6	59	11.6	2.9	<0.1	<2	2.20	0.038
1891306	Drill Core	2.64	0.3	4.6	20.2	573	0.2	16.8	5.2	1097	1.30	9.6	<0.5	1.7	114	4.5	3.1	<0.1	<2	2.83	0.034
1891307	Rock Pulp	0.08	7.3	1852.8	>10000	>10000	60.8	14.3	17.4	1438	4.03	56.1	46.7	2.3	80	114.9	146.9	5.1	73	1.92	0.045
1891308	Drill Core	2.95	1.2	23.1	102.6	208	1.5	19.0	3.4	161	2.84	35.1	<0.5	6.9	39	0.3	7.0	0.3	4	0.04	0.064
1891309	Drill Core	1.21	1.5	64.2	1884.9	2415	9.4	9.6	2.7	>10000	6.14	1649.8	16.1	5.4	59	34.8	63.1	0.1	5	0.04	0.095
1891310	Drill Core	6.93	0.3	13.5	2839.7	128	18.9	1.9	0.6	77	1.18	1508.3	90.1	1.3	5	1.4	32.3	<0.1	<2	<0.01	0.018
1891311	Drill Core	1.37	0.9	113.8	>10000	712	>100	2.3	1.1	683	5.03	4258.7	330.5	5.1	12	5.6	361.2	0.2	3	<0.01	0.056
1891312	Drill Core	5.41	0.3	3.7	112.1	110	1.4	3.1	0.9	232	0.88	69.2	10.1	1.2	5	0.6	2.6	<0.1	<2	0.07	0.024
1891313	Drill Core	1.13	0.7	9.7	42.9	73	0.9	8.0	2.4	257	1.01	52.0	5.0	1.6	7	0.6	3.0	<0.1	<2	0.16	0.020
1891314	Drill Core	4.20	0.2	3.0	11.9	60	<0.1	2.9	0.9	195	0.59	8.6	<0.5	1.0	34	0.3	1.8	<0.1	<2	0.39	0.009
1891315	Drill Core	5.59	0.9	13.8	36.0	151	0.7	22.9	5.2	1416	2.06	54.5	<0.5	3.3	68	1.1	7.1	0.1	2	2.22	0.063
1891316	Drill Core	0.85	1.0	21.5	79.7	433	3.4	36.5	8.0	5579	3.79	218.8	19.2	2.6	97	1.8	10.0	1.1	2	3.13	0.044



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Method Analyte Unit MDL		AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	MA404	MA404	FA530
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te	Pb	Zn	Ag
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	%	gm/t
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.01	0.01	20
1891287	Drill Core	4	10	0.05	27	<0.001	4	0.23	0.007	0.07	0.1	0.04	2.3	0.1	0.27	<1	<0.5	<0.2			
1891288	Rock Pulp	6	22	1.24	100	0.114	1	1.51	0.189	0.19	0.9	0.45	3.5	0.9	1.60	5	3.9	0.2	1.34	1.55	
1891289	Drill Core	2	9	0.23	20	<0.001	2	0.34	0.007	0.05	<0.1	0.02	1.5	<0.1	0.68	<1	<0.5	<0.2			
1891290	Drill Core	4	8	0.08	26	<0.001	1	0.12	0.005	0.06	<0.1	0.01	0.9	<0.1	0.52	<1	<0.5	<0.2			
1891291	Drill Core	8	3	0.01	24	<0.001	<1	0.11	0.003	0.05	<0.1	0.01	0.4	<0.1	<0.05	<1	<0.5	<0.2			
1891292	Drill Core	9	9	0.01	35	<0.001	<1	0.20	0.004	0.06	<0.1	0.01	1.0	<0.1	<0.05	<1	0.7	<0.2			
1891293	Drill Core	4	3	0.02	17	<0.001	<1	0.11	0.002	0.03	<0.1	<0.01	0.4	<0.1	<0.05	<1	<0.5	<0.2			
1891294	Drill Core	3	5	0.03	7	<0.001	<1	0.11	<0.001	0.02	<0.1	<0.01	0.5	<0.1	0.07	<1	<0.5	<0.2			
1891295	Drill Core	10	7	<0.01	43	<0.001	2	0.16	0.005	0.08	0.1	0.02	0.8	<0.1	<0.05	<1	0.8	<0.2			
1891296	Drill Core	4	4	<0.01	18	<0.001	<1	0.15	0.002	0.04	<0.1	0.01	0.7	<0.1	0.20	<1	0.6	<0.2			
1891297	Rock	1	<1	1.00	17	0.001	<1	<0.01	0.003	<0.01	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2			
1891298	Drill Core	7	5	<0.01	26	<0.001	2	0.09	0.004	0.04	<0.1	0.02	0.3	<0.1	<0.05	<1	<0.5	<0.2			
1891299	Rock Pulp	7	23	1.24	109	0.120	2	1.55	0.194	0.19	1.0	0.48	3.8	0.9	1.56	5	3.0	0.3	1.30	1.54	
1891300	Drill Core	3	3	<0.01	15	<0.001	<1	0.08	<0.001	0.03	<0.1	0.04	0.5	<0.1	<0.05	<1	<0.5	<0.2			
1891301	Drill Core	2	21	<0.01	12	0.001	3	0.29	0.002	0.03	0.4	0.13	1.5	0.2	0.12	1	1.1	<0.2			
1891302	Drill Core	1	<1	0.93	21	0.002	<1	<0.01	0.003	<0.01	<0.1	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2			
1891303	Drill Core	8	3	<0.01	21	<0.001	2	0.12	0.003	0.06	<0.1	0.01	0.4	<0.1	<0.05	<1	0.8	<0.2			
1891304	Drill Core	5	5	0.12	38	<0.001	<1	0.17	0.008	0.06	<0.1	0.01	1.0	<0.1	0.35	<1	0.6	<0.2			
1891305	Drill Core	4	3	0.05	26	<0.001	<1	0.26	0.006	0.04	<0.1	<0.01	1.5	<0.1	0.26	<1	1.1	<0.2			
1891306	Drill Core	3	3	0.20	23	<0.001	<1	0.15	0.006	0.03	<0.1	<0.01	0.8	<0.1	0.32	<1	0.7	<0.2			
1891307	Rock Pulp	7	22	1.23	101	0.118	1	1.55	0.194	0.19	0.9	0.45	3.6	0.9	1.62	5	3.2	<0.2	1.33	1.54	
1891308	Drill Core	18	7	0.01	66	<0.001	2	0.26	0.016	0.14	<0.1	<0.01	1.1	0.2	0.27	<1	3.1	<0.2			
1891309	Drill Core	10	7	<0.01	32	<0.001	4	0.43	0.004	0.09	0.2	0.62	1.7	0.4	0.07	<1	0.7	<0.2			
1891310	Drill Core	4	4	<0.01	15	<0.001	4	0.06	0.002	0.03	<0.1	0.09	0.4	<0.1	0.24	<1	1.2	<0.2			
1891311	Drill Core	6	7	<0.01	30	<0.001	3	0.22	0.004	0.07	0.2	1.33	1.6	0.3	0.77	<1	5.5	<0.2	1.38	0.09	247
1891312	Drill Core	4	4	<0.01	17	<0.001	<1	0.05	0.002	0.03	<0.1	0.02	0.2	<0.1	0.19	<1	<0.5	<0.2			
1891313	Drill Core	3	4	0.01	25	<0.001	1	0.07	0.003	0.05	<0.1	0.01	0.3	<0.1	0.61	<1	1.0	<0.2			
1891314	Drill Core	3	3	<0.01	11	<0.001	<1	0.04	0.001	0.02	<0.1	<0.01	0.1	<0.1	0.17	<1	<0.5	<0.2			
1891315	Drill Core	4	5	0.32	39	<0.001	2	0.14	0.006	0.08	<0.1	0.02	0.9	<0.1	1.17	<1	1.0	<0.2			
1891316	Drill Core	1	5	0.78	37	<0.001	2	0.10	0.004	0.06	<0.1	<0.01	1.0	<0.1	1.93	<1	2.0	<0.2			



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Method	SPG04
Analyte	Density
Unit	g/cm3
MDL	0.01
1891287	Drill Core
1891288	Rock Pulp
1891289	Drill Core
1891290	Drill Core
1891291	Drill Core
1891292	Drill Core
1891293	Drill Core
1891294	Drill Core
1891295	Drill Core
1891296	Drill Core
1891297	Rock
1891298	Drill Core
1891299	Rock Pulp
1891300	Drill Core
1891301	Drill Core 2.85
1891302	Drill Core
1891303	Drill Core
1891304	Drill Core
1891305	Drill Core
1891306	Drill Core
1891307	Rock Pulp
1891308	Drill Core
1891309	Drill Core
1891310	Drill Core
1891311	Drill Core 2.81
1891312	Drill Core
1891313	Drill Core
1891314	Drill Core
1891315	Drill Core
1891316	Drill Core



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	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1891317	Drill Core	3.59	1.0	27.2	122.0	420	2.4	25.3	6.9	1338	1.81	93.9	1.2	5.0	15	3.1	13.8	0.1	4	0.33	0.038
1891318	Drill Core	1.39	1.8	26.7	>10000	7668	66.9	52.5	12.7	>10000	13.94	1356.6	18.4	4.3	7	127.7	59.8	0.3	7	0.13	0.032
1891319	Rock Pulp	0.08	7.5	1847.6	>10000	>10000	61.2	15.9	18.3	1361	3.98	55.3	43.2	2.7	78	117.5	165.7	5.7	73	1.86	0.047
1891320	Drill Core	5.43	0.7	92.3	2623.8	>10000	25.8	5.1	1.6	>10000	7.14	2771.1	455.3	1.2	3	200.4	67.7	<0.1	<2	0.04	0.010
1891321	Rock	0.76	<0.1	1.4	6.6	34	<0.1	<0.1	0.2	134	0.11	4.3	1.7	<0.1	83	0.5	<0.1	<0.1	<2	34.56	0.007
1891322	Drill Core	4.05	0.5	267.6	>10000	>10000	>100	39.8	7.5	>10000	17.15	>10000	1640.6	1.1	20	1459.1	318.0	0.3	4	0.14	0.012
1891323	Drill Core	3.90	0.5	29.0	258.9	1943	10.4	5.9	2.7	1274	2.22	792.6	52.0	1.8	5	19.2	13.8	<0.1	2	0.07	0.021
1891324	Drill Core	2.95	0.5	54.0	134.5	867	13.3	7.5	2.2	3913	1.79	58.2	1.8	2.3	5	11.2	28.4	<0.1	4	0.06	0.016
1891325	Drill Core	7.11	0.8	17.6	103.6	1201	8.7	20.2	6.1	6265	3.54	61.7	<0.5	5.6	10	9.9	14.5	0.2	4	0.11	0.037
1891326	Drill Core	4.05	1.7	52.4	155.8	1105	16.2	43.4	13.5	4359	3.58	62.8	<0.5	6.1	23	13.1	33.8	0.3	5	0.41	0.050
1891327	Drill Core	4.80	1.1	27.4	50.9	504	3.6	48.3	13.2	3381	3.27	34.1	<0.5	6.5	20	6.2	16.0	0.1	5	0.30	0.050
1891328	Drill Core	3.72	0.9	27.4	43.9	545	3.4	31.9	8.5	1958	2.23	31.3	<0.5	4.1	27	4.2	14.2	0.2	4	0.60	0.038
114232	Drill Core	1.64	0.7	5.3	5.1	30	0.2	7.9	2.0	90	1.05	4.5	2.1	2.0	5	0.2	0.5	<0.1	5	0.07	0.032
114233	Drill Core	1.18	1.0	7.5	4.9	33	0.3	9.7	2.1	72	1.08	3.5	2.0	2.1	5	0.2	0.7	<0.1	4	0.05	0.035
114234	Drill Core	0.31	0.8	11.7	6.2	54	0.2	20.7	6.1	215	1.31	4.6	1.2	3.4	4	0.2	1.0	<0.1	7	0.09	0.048
114235	Drill Core	0.85	0.4	5.9	2.9	18	<0.1	7.7	2.7	73	0.55	2.4	1.1	1.0	2	0.1	0.2	<0.1	2	0.08	0.033
114236	Drill Core	0.80	0.6	5.6	5.4	25	0.1	11.5	3.6	160	0.92	3.2	1.6	1.7	4	0.2	0.4	<0.1	7	0.09	0.040
114237	Drill Core	1.06	1.0	10.2	4.0	30	0.2	10.9	3.0	91	1.13	4.6	<0.5	2.0	4	0.1	0.4	<0.1	7	0.08	0.041
114238	Drill Core	1.92	4.4	23.7	16.2	88	0.5	25.7	4.0	121	3.34	9.8	1.6	9.9	17	0.2	1.8	0.2	21	0.08	0.081
114239	Drill Core	1.43	3.6	51.0	19.2	173	0.6	40.6	8.5	166	4.35	15.3	0.9	8.4	16	0.9	1.8	0.2	17	0.09	0.085
114240	Drill Core	2.39	1.2	17.2	5.3	75	0.2	19.8	4.3	100	1.17	6.1	0.6	1.9	4	0.4	0.9	<0.1	4	0.08	0.037
114241	Drill Core	1.19	2.4	22.5	11.7	148	0.6	32.2	5.1	209	1.85	16.9	0.5	4.4	24	1.5	1.5	0.1	11	0.25	0.082
114242	Drill Core	1.42	0.2	3.9	5.3	29	0.2	5.5	1.0	103	0.60	4.7	<0.5	1.2	102	0.4	0.6	<0.1	2	5.36	0.029
1998451	Drill Core	1.29	1.1	8.3	16.3	119	0.6	7.7	2.3	101	1.38	81.9	15.3	1.7	4	1.3	2.0	<0.1	5	0.03	0.030
1998452	Drill Core	2.17	0.7	5.7	8.4	96	0.5	8.8	1.8	392	0.96	38.4	16.2	1.1	3	2.1	1.8	<0.1	3	0.05	0.028



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Project: Keno Silver
Report Date: January 12, 2018

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CERTIFICATE OF ANALYSIS

WHI17000767.2

	Method Analyte Unit MDL	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	MA404	MA404	FA530
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te	Pb	Zn	Ag
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	%	gm/t
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.01	0.01	20
1891317	Drill Core	7	5	0.08	69	<0.001	3	0.22	0.006	0.14	<0.1	<0.01	0.8	0.1	1.07	<1	1.2	<0.2			
1891318	Drill Core	4	7	0.14	30	<0.001	6	0.23	0.006	0.14	0.1	0.36	0.9	0.2	5.32	4	2.4	<0.2	1.34	0.81	
1891319	Rock Pulp	7	24	1.23	111	0.119	1	1.50	0.187	0.19	1.0	0.53	2.7	1.0	1.55	6	3.8	0.4	1.31	1.53	
1891320	Drill Core	1	3	0.04	10	<0.001	1	0.03	<0.001	0.02	<0.1	0.67	0.2	0.1	5.50	2	<0.5	<0.2	0.27	1.45	
1891321	Rock	1	<1	0.66	18	0.001	5	<0.01	0.003	<0.01	<0.1	<0.01	0.2	<0.1	<0.05	<1	0.5	<0.2			
1891322	Drill Core	<1	2	0.20	20	<0.001	3	0.11	0.003	0.03	0.1	5.22	0.9	0.7	>10	3	1.5	<0.2	1.55	9.76	104
1891323	Drill Core	3	4	0.02	34	<0.001	3	0.11	0.003	0.06	<0.1	0.11	0.6	<0.1	1.02	<1	<0.5	<0.2			
1891324	Drill Core	5	4	0.05	48	<0.001	3	0.14	0.004	0.07	<0.1	0.04	1.2	<0.1	0.18	<1	<0.5	<0.2			
1891325	Drill Core	8	6	0.10	61	<0.001	3	0.16	0.006	0.10	<0.1	0.04	0.9	0.2	0.38	1	2.2	<0.2			
1891326	Drill Core	4	5	0.24	77	<0.001	3	0.18	0.005	0.11	0.1	0.03	1.3	0.2	0.82	1	2.8	<0.2			
1891327	Drill Core	8	6	0.23	57	<0.001	4	0.20	0.007	0.12	<0.1	0.02	1.3	0.1	0.44	1	1.4	<0.2			
1891328	Drill Core	4	4	0.21	44	<0.001	3	0.15	0.005	0.09	<0.1	0.02	0.9	<0.1	0.51	<1	1.4	<0.2			
114232	Drill Core	5	7	0.05	59	0.003	<1	0.21	0.003	0.03	<0.1	0.02	0.7	<0.1	<0.05	<1	<0.5	<0.2			
114233	Drill Core	5	7	0.06	62	0.001	<1	0.22	0.003	0.03	<0.1	0.02	0.7	<0.1	<0.05	<1	<0.5	<0.2			
114234	Drill Core	7	10	0.07	54	0.004	<1	0.39	0.003	0.03	<0.1	<0.01	1.2	<0.1	<0.05	<1	<0.5	<0.2			
114235	Drill Core	2	6	0.03	17	0.001	<1	0.12	<0.001	<0.01	<0.1	<0.01	0.4	<0.1	<0.05	<1	<0.5	<0.2			
114236	Drill Core	5	10	0.06	34	0.002	<1	0.22	0.002	0.01	<0.1	<0.01	1.3	<0.1	<0.05	<1	<0.5	<0.2			
114237	Drill Core	6	9	0.05	43	0.002	<1	0.23	0.003	0.03	<0.1	<0.01	0.9	<0.1	<0.05	<1	<0.5	<0.2			
114238	Drill Core	14	22	0.20	167	0.002	<1	0.95	0.010	0.11	<0.1	0.06	2.4	0.1	<0.05	3	1.1	<0.2			
114239	Drill Core	11	21	0.25	161	0.002	<1	0.99	0.010	0.10	<0.1	0.05	2.4	0.1	<0.05	3	1.5	<0.2			
114240	Drill Core	5	6	0.03	42	0.002	<1	0.20	0.003	0.03	<0.1	<0.01	1.0	<0.1	<0.05	<1	0.5	<0.2			
114241	Drill Core	10	13	0.08	103	0.006	<1	0.54	0.014	0.06	<0.1	0.07	2.1	0.1	<0.05	1	0.7	<0.2			
114242	Drill Core	3	4	0.05	29	0.002	<1	0.12	0.003	0.01	<0.1	<0.01	0.7	<0.1	<0.05	<1	<0.5	<0.2			
1998451	Drill Core	6	7	0.03	32	0.005	<1	0.20	0.003	0.03	<0.1	0.03	1.1	<0.1	<0.05	<1	<0.5	<0.2			
1998452	Drill Core	3	4	0.01	44	0.002	<1	0.10	0.002	0.03	<0.1	0.01	0.8	<0.1	<0.05	<1	<0.5	<0.2			



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Project: Keno Silver
Report Date: January 12, 2018

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CERTIFICATE OF ANALYSIS

WHI17000767.2

Method	SPG04
Analyte	Density
Unit	g/cm3
MDL	0.01
1891317	Drill Core
1891318	Drill Core
1891319	Rock Pulp
1891320	Drill Core
1891321	Rock
1891322	Drill Core
1891323	Drill Core
1891324	Drill Core
1891325	Drill Core
1891326	Drill Core
1891327	Drill Core
1891328	Drill Core
114232	Drill Core
114233	Drill Core
114234	Drill Core
114235	Drill Core
114236	Drill Core
114237	Drill Core
114238	Drill Core
114239	Drill Core
114240	Drill Core
114241	Drill Core
114242	Drill Core
1998451	Drill Core
1998452	Drill Core



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QUALITY CONTROL REPORT

WHI17000767.2

	Method Analyte Unit MDL	WGHT	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1891287	Drill Core	2.72	0.7	28.1	181.1	1331	7.0	12.4	2.8	6114	5.20	151.7	6.7	1.4	9	11.4	16.2	0.1	7	0.19	0.036
REP 1891287	QC		0.8	26.8	176.3	1299	7.1	11.6	2.8	6073	5.14	149.6	7.9	1.4	9	10.8	16.3	0.1	6	0.19	0.036
1891316	Drill Core	0.85	1.0	21.5	79.7	433	3.4	36.5	8.0	5579	3.79	218.8	19.2	2.6	97	1.8	10.0	1.1	2	3.13	0.044
REP 1891316	QC		1.0	20.8	79.4	431	3.4	36.5	7.5	5623	3.81	223.1	13.2	2.7	101	1.9	10.1	1.1	2	3.21	0.043
Core Reject Duplicates																					
1891305	Drill Core	0.98	0.6	14.3	26.5	1180	0.2	25.5	9.7	1829	1.57	16.8	<0.5	1.6	59	11.6	2.9	<0.1	<2	2.20	0.038
DUP 1891305	QC		0.7	15.8	26.5	1169	0.2	26.0	9.7	1786	1.62	17.2	<0.5	1.7	56	11.0	2.9	<0.1	<2	2.02	0.041
114242	Drill Core	1.42	0.2	3.9	5.3	29	0.2	5.5	1.0	103	0.60	4.7	<0.5	1.2	102	0.4	0.6	<0.1	2	5.36	0.029
DUP 114242	QC		0.2	3.8	5.3	32	0.2	5.2	0.9	99	0.53	4.6	<0.5	1.1	100	0.5	0.7	<0.1	2	5.23	0.028
Reference Materials																					
STD AGPROOF	Standard																				
STD AGPROOF	Standard																				
STD AMIS0330	Standard																				
STD AMIS0349	Standard																				
STD DS11	Standard		14.2	147.5	138.5	350	1.8	78.5	13.5	1036	3.16	45.4	82.5	7.5	70	2.4	8.6	12.6	49	1.07	0.072
STD DS11	Standard		14.1	155.3	147.1	348	1.8	82.6	13.7	1023	3.15	43.1	106.1	8.2	74	2.5	9.2	13.3	49	1.09	0.070
STD DS11	Standard		13.4	150.2	139.2	345	1.7	79.6	13.8	984	3.00	43.5	88.1	7.5	62	2.6	7.2	11.8	48	1.04	0.068
STD OREAS132A	Standard																				
STD OREAS134B	Standard																				
STD OREAS132A	Standard																				
STD OREAS134B	Standard																				
STD OXC129	Standard		1.2	25.9	7.7	40	<0.1	73.9	19.4	415	3.02	<0.5	180.0	1.6	186	<0.1	<0.1	<0.1	50	0.66	0.099
STD OXC129	Standard		1.3	26.8	6.1	38	<0.1	78.2	19.5	458	3.08	<0.5	191.5	1.7	192	<0.1	<0.1	<0.1	51	0.68	0.100
STD OXC129	Standard		1.1	25.6	5.5	38	<0.1	74.6	20.7	409	2.93	0.5	188.1	1.6	173	<0.1	<0.1	<0.1	50	0.61	0.096
STD SP49	Standard																				
STD SP49	Standard																				
STD SQ70	Standard																				
STD SQ70	Standard																				



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QUALITY CONTROL REPORT

WHI17000767.2

	Method Analyte Unit MDL	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	MA404		FA530
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Pb	Zn	Ag
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	%	gm/t
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.1	0.05	1	0.5	0.2	0.01	0.01
Pulp Duplicates																					
1891287	Drill Core	4	10	0.05	27	<0.001	4	0.23	0.007	0.07	0.1	0.04	2.3	0.1	0.27	<1	<0.5	<0.2			
REP 1891287	QC	3	9	0.05	26	<0.001	3	0.22	0.007	0.06	0.1	0.02	2.2	0.1	0.28	<1	<0.5	<0.2			
1891316	Drill Core	1	5	0.78	37	<0.001	2	0.10	0.004	0.06	<0.1	<0.01	1.0	<0.1	1.93	<1	2.0	<0.2			
REP 1891316	QC	2	5	0.78	37	<0.001	2	0.11	0.004	0.07	0.1	<0.01	1.0	<0.1	2.00	<1	2.5	<0.2			
Core Reject Duplicates																					
1891305	Drill Core	4	3	0.05	26	<0.001	<1	0.26	0.006	0.04	<0.1	<0.01	1.5	<0.1	0.26	<1	1.1	<0.2			
DUP 1891305	QC	4	4	0.06	28	<0.001	<1	0.26	0.006	0.04	<0.1	0.01	1.4	<0.1	0.28	<1	0.8	<0.2			
114242	Drill Core	3	4	0.05	29	0.002	<1	0.12	0.003	0.01	<0.1	<0.01	0.7	<0.1	<0.05	<1	<0.5	<0.2			
DUP 114242	QC	3	4	0.04	32	0.002	<1	0.13	0.003	0.01	<0.1	0.02	0.6	<0.1	<0.05	<1	<0.5	<0.2			
Reference Materials																					
STD AGPROOF	Standard																			95	
STD AGPROOF	Standard																			93	
STD AMIS0330	Standard																				
STD AMIS0349	Standard																				
STD DS11	Standard	19	57	0.84	378	0.091	8	1.15	0.071	0.40	3.0	0.24	3.3	5.0	0.28	5	2.6	4.3			
STD DS11	Standard	19	61	0.84	372	0.095	7	1.15	0.071	0.40	3.1	0.30	3.0	5.1	0.28	5	2.8	4.7			
STD DS11	Standard	17	57	0.83	363	0.084	5	1.13	0.072	0.40	3.1	0.27	3.3	5.0	0.28	5	2.0	4.5			
STD OREAS132A	Standard																		3.66	4.97	
STD OREAS134B	Standard																		13.39	18.07	
STD OREAS132A	Standard																		3.64	4.92	
STD OREAS134B	Standard																		13.35	17.51	
STD OXC129	Standard	12	49	1.45	49	0.372	<1	1.52	0.569	0.35	<0.1	<0.01	1.3	<0.1	<0.05	5	<0.5	<0.2			
STD OXC129	Standard	12	51	1.49	51	0.403	<1	1.56	0.577	0.35	<0.1	<0.01	0.6	<0.1	<0.05	5	<0.5	<0.2			
STD OXC129	Standard	11	50	1.51	46	0.385	<1	1.60	0.584	0.40	<0.1	<0.01	1.0	<0.1	<0.05	5	<0.5	<0.2			
STD SP49	Standard																			64	
STD SP49	Standard																			63	
STD SQ70	Standard																			160	
STD SQ70	Standard																			156	



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Project: Keno Silver
Report Date: January 12, 2018

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QUALITY CONTROL REPORT

WHI17000767.2

	Method	SPG04
Analyte	Density	
Unit	g/cm3	
MDL	0.01	
Pulp Duplicates		
1891287	Drill Core	
REP 1891287	QC	
1891316	Drill Core	
REP 1891316	QC	
Core Reject Duplicates		
1891305	Drill Core	
DUP 1891305	QC	
114242	Drill Core	
DUP 114242	QC	
Reference Materials		
STD AGPROOF	Standard	
STD AGPROOF	Standard	
STD AMIS0330	Standard	3.18
STD AMIS0349	Standard	2.78
STD DS11	Standard	
STD DS11	Standard	
STD DS11	Standard	
STD OREAS132A	Standard	
STD OREAS134B	Standard	
STD OREAS132A	Standard	
STD OREAS134B	Standard	
STD OXC129	Standard	
STD OXC129	Standard	
STD OXC129	Standard	
STD SP49	Standard	
STD SP49	Standard	
STD SQ70	Standard	
STD SQ70	Standard	



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QUALITY CONTROL REPORT

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		WGHT	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
STD OREAS132A Expected																				
STD OREAS134B Expected																				
STD AGPROOF Expected																				
STD SP49 Expected																				
STD SQ70 Expected																				
STD OXC129 Expected			1.3	28	6.2	42.9		79.5	20.3	421	3.065	0.6	195	1.9					51	0.684
STD DS11 Expected			14.6	149	138	345	1.71	77.7	14.2	1055	3.1	42.8	79	7.65	67.3	2.37	8.74	12.2	50	1.063
STD AMIS0330 Expected																				0.0701
STD AMIS0349 Expected																				
BLK	Blank		<0.1	<0.1	0.3	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
Prep Wash																				
ROCK-WHI	Prep Blank		0.8	4.1	1.1	35	<0.1	1.1	3.5	600	1.91	10.2	1.7	2.2	23	<0.1	0.3	0.2	20	0.55
ROCK-WHI	Prep Blank		0.5	2.9	1.0	36	<0.1	1.2	3.6	607	1.95	7.0	<0.5	1.9	19	<0.1	0.1	0.2	21	0.53



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Client: **Metallic Minerals Corp.**
#904 - 409 Granville Street
Vancouver British Columbia V6C 1T2 Canada

Project: Keno Silver
Report Date: January 12, 2018

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QUALITY CONTROL REPORT

WHI17000767.2

		AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	AQ202	MA404		FA530	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Pb	Zn	Ag	
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	%	gm/t	
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.01	0.01	20	
STD OREAS132A Expected																				3.66	4.96	
STD OREAS134B Expected																				13.36	18.03	
STD AGPROOF Expected																						94
STD SP49 Expected																						60.2
STD SQ70 Expected																						159.5
STD OXC129 Expected		12.5	52	1.545	50	0.4	1	1.58	0.59	0.3655			1.1			5.5						
STD DS11 Expected		18.6	61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	0.26	3.4	4.9	0.2835	5.1	2.2	4.56				
STD AMIS0330 Expected																						
STD AMIS0349 Expected																						
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2				
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2				
BLK	Blank																			<0.01	<0.01	
BLK	Blank																					<20
BLK	Blank																			<0.01	<0.01	
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2				
Prep Wash																						
ROCK-WHI	Prep Blank	6	4	0.46	68	0.067	1	0.98	0.132	0.13	0.1	<0.01	3.6	<0.1	<0.05	4	<0.5	<0.2				
ROCK-WHI	Prep Blank	5	3	0.49	48	0.063	2	0.90	0.094	0.09	<0.1	<0.01	3.2	<0.1	<0.05	4	<0.5	<0.2				



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QUALITY CONTROL REPORT

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		SPG04 Density g/cm3 0.01
STD OREAS132A Expected		
STD OREAS134B Expected		
STD AGPROOF Expected		
STD SP49 Expected		
STD SQ70 Expected		
STD OXC129 Expected		
STD DS11 Expected		
STD AMIS0330 Expected		3.21
STD AMIS0349 Expected		2.77
BLK	Blank	
BLK	Blank	
BLK	Blank	
BLK	Blank	
BLK	Blank	
BLK	Blank	
Prep Wash		
ROCK-WHI	Prep Blank	
ROCK-WHI	Prep Blank	