



BUREAU VERITAS MINERAL LABORATORIES
Canada

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **CMC Metals Ltd.**
605 - 369 Terminal Ave
Vancouver British Columbia V6A 4C4 Canada

Submitted By: Kevin Brewer
Receiving Lab: Canada-Whitehorse
Received: July 24, 2020
Analysis Start: August 10, 2020
Report Date: August 17, 2020
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CERTIFICATE OF ANALYSIS

WHI20000162.1

CLIENT JOB INFORMATION

Project: Silver Hart
Shipment ID:
P.O. Number
Number of Samples: 79

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
STOR-RJT-SOIL Store Soil Reject - RJSV Charges Apply

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

Invoice To: Longford Exploration Services Ltd.
460-688 West Hastings St.
Vancouver British Columbia V6B 1P1
Canada

CC: James Rogers
Vedran Pobric

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
DY060	79	Dry at 60C			WHI
SS80	79	Dry at 60C sieve 100g to -80 mesh			WHI
AQ250	79	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	0.5	Completed	VAN
SVRJT	79	Save all or part of Soil Reject			WHI
SHP01	79	Per sample shipping charges for branch shipments			VAN

ADDITIONAL COMMENTS


JEFFREY CANNON
Geochemistry Department Supervisor

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	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01	0.001
1811651	Soil	1.86	16.25	26.00	67.8	136	15.5	6.4	219	2.47	3.4	3.7	0.9	2.3	13.7	0.13	0.23	0.99	42	0.07	0.045
1811652	Soil	4.48	23.38	27.92	49.8	239	14.8	5.8	191	2.11	3.2	3.4	2.3	1.6	16.7	0.33	0.34	1.63	45	0.10	0.037
1811653	Soil	4.67	14.45	12.02	94.5	186	17.6	6.6	215	2.23	3.9	2.8	0.5	1.5	13.1	0.27	0.33	0.82	36	0.07	0.040
1811654	Soil	6.89	43.72	34.86	72.8	626	29.6	9.4	268	2.92	5.9	6.6	3.4	0.5	18.2	0.17	0.42	0.98	35	0.13	0.088
1811655	Soil	1.85	20.86	14.25	58.7	295	16.6	6.5	188	2.51	2.8	1.0	1.3	4.1	19.8	0.14	0.31	0.98	35	0.11	0.033
1811656	Soil	5.89	23.17	19.64	52.0	168	16.2	6.6	321	2.18	4.3	4.6	2.9	0.8	21.8	0.11	0.31	3.03	35	0.16	0.052
1811657	Soil	0.90	8.18	11.27	27.1	32	8.4	2.9	89	1.36	2.2	1.7	0.9	7.3	10.2	0.10	0.18	0.61	19	0.19	0.098
1811658	Soil	1.13	6.71	15.69	30.9	120	6.7	2.7	127	1.64	3.8	0.9	3.2	1.0	9.7	0.08	0.37	0.69	53	0.04	0.033
1811659	Soil	2.43	18.82	18.56	117.1	426	17.5	6.0	327	2.70	15.0	1.9	3.3	0.7	9.0	0.34	0.66	1.14	31	0.04	0.075
1811660	Soil	2.35	11.73	21.55	79.4	748	13.5	5.1	184	2.46	14.8	1.0	0.6	6.8	8.0	0.08	0.56	1.05	36	0.04	0.047
1811661	Soil	1.13	8.22	11.71	45.8	158	8.4	3.7	193	1.62	3.8	1.4	1.8	3.8	9.6	0.12	0.27	0.96	27	0.10	0.048
1811662	Soil	1.11	5.82	8.37	26.0	212	6.1	3.3	94	1.46	2.3	2.0	1.8	10.1	9.5	0.14	0.19	0.44	22	0.14	0.089
1811663	Soil	1.28	10.95	15.40	56.2	391	11.5	5.2	223	2.11	5.7	1.7	1.9	5.9	8.3	0.14	0.36	0.89	30	0.08	0.068
1811664	Soil	3.77	15.18	19.34	75.1	332	14.7	5.3	176	2.49	7.7	1.6	1.2	0.9	9.4	0.26	0.45	0.92	34	0.04	0.070
1811665	Soil	2.98	21.01	28.14	86.8	1227	16.9	10.0	1027	2.82	20.3	1.9	2.2	2.7	9.2	0.20	0.69	0.96	34	0.05	0.108
1811666	Soil	6.32	9.78	27.39	89.1	500	12.2	4.7	214	2.49	7.5	1.0	2.9	5.3	7.9	0.07	0.47	0.72	40	0.03	0.058
1811667	Soil	0.82	9.73	15.18	56.3	93	9.7	5.0	212	2.21	2.8	3.2	1.1	8.3	13.5	0.07	0.18	1.17	41	0.11	0.046
1811668	Soil	0.37	6.69	8.62	39.8	23	6.9	4.2	231	1.55	2.0	2.1	1.1	14.5	16.6	0.03	0.16	0.68	29	0.25	0.094
1811669	Soil	1.21	12.40	13.91	66.1	196	12.9	5.8	249	2.40	3.7	2.3	1.6	11.6	17.3	0.13	0.26	0.90	41	0.16	0.072
1811670	Soil	1.85	12.09	12.38	33.0	534	11.6	4.6	94	2.00	4.2	3.4	1.5	6.3	8.5	0.16	0.33	0.78	27	0.05	0.034
1811671	Soil	1.34	12.70	11.01	43.8	121	13.3	8.0	284	1.88	4.8	1.8	1.1	12.0	12.7	0.11	0.30	0.93	25	0.19	0.071
1811672	Soil	3.15	16.73	23.85	74.0	687	15.6	7.6	303	2.55	17.2	1.8	0.8	2.4	6.0	0.18	0.90	0.81	27	0.08	0.062
1811673	Soil	3.06	12.96	17.87	44.9	1312	8.2	3.0	128	1.94	4.4	1.6	1.2	0.3	8.7	0.12	0.34	0.60	32	0.03	0.082
1811674	Soil	3.65	15.86	18.67	72.4	381	14.1	6.1	199	2.46	7.8	1.7	1.1	1.4	6.3	0.10	0.61	0.82	32	0.09	0.079
1811675	Soil	1.98	9.32	12.60	44.8	411	9.6	4.7	165	1.92	5.4	1.3	0.8	4.9	8.5	0.13	0.37	0.61	27	0.13	0.078
1811676	Soil	4.08	10.34	17.71	55.1	392	10.5	5.2	273	2.31	7.8	1.2	1.5	9.5	9.5	0.14	0.41	0.61	31	0.17	0.119
1811677	Soil	1.57	8.48	12.94	47.1	158	8.6	4.8	218	1.53	5.0	1.9	1.4	13.3	9.4	0.10	0.30	0.43	24	0.21	0.097
1811678	Soil	2.45	8.51	18.13	59.1	782	8.9	3.7	167	2.39	5.4	1.2	1.2	2.6	6.0	0.04	0.33	0.74	37	0.06	0.048
1811679	Soil	4.44	16.45	27.85	100.7	1733	13.4	6.5	351	2.65	6.9	2.0	1.4	3.4	9.3	0.21	0.48	0.91	38	0.11	0.067
1811680	Soil	2.93	12.93	22.81	87.9	290	14.6	6.7	331	3.17	8.3	2.6	0.8	1.5	8.5	0.12	0.44	0.90	46	0.10	0.081



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Method	Analyte	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
MDL		0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1
1811651	Soil	24.6	20.9	0.45	48.9	0.067	<20	1.72	0.005	0.14	0.4	2.2	0.18	0.02	19	<0.1	0.03	8.1
1811652	Soil	21.1	29.1	0.45	63.8	0.087	<20	1.44	0.006	0.11	0.3	2.6	0.16	0.03	16	<0.1	0.06	8.9
1811653	Soil	29.2	22.0	0.42	49.1	0.058	<20	1.67	0.006	0.11	0.4	2.1	0.17	0.03	22	<0.1	0.03	7.3
1811654	Soil	19.8	24.6	0.44	50.5	0.027	<20	2.29	0.006	0.09	0.4	1.4	0.28	0.07	50	0.2	0.02	7.5
1811655	Soil	20.3	19.3	0.44	46.2	0.082	<20	1.47	0.007	0.11	0.8	2.7	0.14	0.02	13	<0.1	<0.02	7.2
1811656	Soil	19.0	19.9	0.35	48.2	0.052	<20	1.37	0.005	0.11	0.5	1.4	0.13	0.05	16	<0.1	0.04	6.6
1811657	Soil	31.1	10.6	0.18	33.9	0.038	<20	1.10	0.005	0.12	0.6	1.5	0.10	<0.02	9	<0.1	<0.02	3.1
1811658	Soil	19.8	14.0	0.12	46.8	0.108	<20	0.86	0.003	0.04	0.2	0.9	0.12	<0.02	15	0.1	<0.02	11.7
1811659	Soil	20.0	24.8	0.32	49.4	0.028	<20	1.37	0.004	0.15	1.1	1.1	0.16	0.05	35	<0.1	0.03	6.8
1811660	Soil	18.4	19.4	0.33	42.3	0.088	<20	1.17	0.004	0.17	2.3	2.8	0.20	<0.02	17	0.1	0.03	7.8
1811661	Soil	32.2	12.4	0.19	43.6	0.048	<20	0.86	0.005	0.10	2.8	1.5	0.14	<0.02	14	<0.1	0.02	5.4
1811662	Soil	30.5	9.4	0.19	37.3	0.043	<20	1.58	0.007	0.08	0.7	2.0	0.12	<0.02	41	<0.1	<0.02	3.6
1811663	Soil	26.7	16.3	0.28	44.7	0.057	<20	1.33	0.005	0.13	2.0	2.0	0.17	<0.02	40	0.1	<0.02	6.4
1811664	Soil	20.6	21.4	0.33	60.9	0.038	<20	1.44	0.005	0.18	3.8	1.4	0.21	0.06	25	0.3	<0.02	8.2
1811665	Soil	23.5	24.0	0.34	49.3	0.043	<20	1.40	0.007	0.15	8.7	1.9	0.20	0.03	41	<0.1	0.02	6.5
1811666	Soil	19.5	22.1	0.33	37.1	0.095	<20	1.02	0.005	0.16	7.5	2.2	0.15	0.02	26	0.1	<0.02	8.1
1811667	Soil	34.7	15.4	0.40	92.3	0.091	<20	1.61	0.008	0.19	1.0	3.2	0.27	<0.02	13	<0.1	<0.02	8.0
1811668	Soil	40.7	11.0	0.32	62.2	0.076	<20	0.81	0.009	0.18	1.1	2.4	0.19	<0.02	6	<0.1	<0.02	4.2
1811669	Soil	34.8	14.5	0.42	95.9	0.091	<20	1.77	0.009	0.23	1.4	3.6	0.28	0.02	43	<0.1	0.03	7.8
1811670	Soil	26.2	16.8	0.23	34.4	0.052	<20	1.01	0.006	0.14	2.1	1.8	0.17	0.03	37	0.1	0.03	5.2
1811671	Soil	34.3	14.8	0.30	56.3	0.058	<20	1.01	0.007	0.19	4.4	2.4	0.21	<0.02	7	<0.1	<0.02	4.1
1811672	Soil	27.5	18.4	0.29	38.4	0.031	<20	1.43	0.005	0.16	3.7	1.6	0.17	0.03	39	<0.1	<0.02	5.2
1811673	Soil	18.9	17.1	0.16	43.0	0.015	<20	1.22	0.004	0.10	1.5	0.4	0.15	0.04	49	<0.1	<0.02	7.3
1811674	Soil	26.1	21.0	0.32	46.5	0.040	<20	1.32	0.006	0.16	2.8	1.6	0.20	0.03	14	<0.1	<0.02	6.7
1811675	Soil	31.0	14.2	0.27	48.4	0.051	<20	1.11	0.006	0.14	1.1	2.0	0.17	<0.02	19	<0.1	<0.02	5.1
1811676	Soil	28.8	15.1	0.30	45.7	0.060	<20	1.19	0.006	0.13	1.0	2.4	0.17	<0.02	24	0.1	<0.02	5.5
1811677	Soil	36.6	11.8	0.24	49.6	0.055	<20	0.78	0.006	0.17	0.6	2.0	0.18	<0.02	17	<0.1	<0.02	3.7
1811678	Soil	25.9	15.6	0.31	35.9	0.061	<20	1.35	0.006	0.11	1.8	1.9	0.17	<0.02	22	<0.1	<0.02	8.9
1811679	Soil	28.3	19.5	0.43	72.3	0.073	<20	2.04	0.008	0.18	4.5	2.7	0.22	0.03	32	0.3	<0.02	7.9
1811680	Soil	24.1	23.4	0.46	60.5	0.065	<20	2.12	0.007	0.17	1.8	2.0	0.29	0.03	22	0.3	<0.02	9.6



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	Method Analyte Unit MDL	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01	0.001
1811681	Soil	2.86	10.48	19.20	64.2	785	9.3	4.6	241	2.49	4.4	2.6	1.9	1.4	10.1	0.11	0.33	1.53	38	0.16	0.112
1811682	Soil	2.19	10.19	18.29	62.7	1240	9.0	4.3	211	1.98	3.2	1.9	0.4	0.3	7.4	0.11	0.32	0.77	31	0.05	0.070
1811683	Soil	1.25	6.65	14.13	62.4	239	9.8	6.0	325	1.88	2.9	1.4	0.7	8.8	12.0	0.22	0.18	0.54	31	0.22	0.105
1811684	Soil	1.82	10.26	18.12	52.1	607	8.8	4.0	169	1.91	4.4	1.7	0.3	6.3	7.5	0.09	0.37	0.62	26	0.13	0.073
1811685	Soil	3.15	13.13	18.84	79.9	324	13.2	5.6	290	2.96	5.9	1.5	1.6	1.5	9.1	0.08	0.45	1.05	46	0.05	0.084
1811686	Soil	4.95	18.20	33.09	128.7	357	14.7	7.2	377	3.06	9.8	1.3	0.7	3.9	12.5	0.10	0.79	1.39	50	0.11	0.069
1811687	Soil	5.16	11.62	23.26	79.6	461	10.3	4.9	245	2.92	6.3	1.2	1.6	1.3	8.8	0.07	0.67	1.17	50	0.05	0.041
1811688	Soil	2.77	10.05	16.72	49.6	1792	6.5	3.3	123	1.81	4.6	1.3	0.4	0.8	7.2	0.04	0.41	0.77	33	0.04	0.041
1811689	Soil	2.28	10.54	12.67	46.8	180	7.6	3.2	157	1.83	4.4	1.4	1.2	1.8	7.6	0.07	0.34	0.67	27	0.14	0.078
1811751	Soil	2.45	15.01	18.87	72.6	126	13.9	6.3	195	3.01	12.0	1.6	1.2	12.8	12.1	0.11	0.42	1.98	41	0.04	0.028
1811752	Soil	2.78	17.77	19.00	72.3	71	22.9	10.0	213	2.81	6.2	1.3	0.4	10.2	25.6	0.16	0.57	0.82	36	0.15	0.074
1811753	Soil	3.11	16.39	17.09	55.2	133	16.0	6.1	176	2.79	4.8	1.0	3.4	4.1	17.2	0.15	0.56	1.05	44	0.05	0.064
1811754	Soil	0.90	9.35	9.52	41.1	64	10.3	5.3	163	1.99	2.1	1.6	0.3	10.0	9.7	0.10	0.19	0.69	31	0.11	0.057
1811755	Soil	1.05	8.49	13.83	46.6	163	8.1	4.5	204	2.42	2.6	3.2	<0.2	2.9	9.8	0.12	0.19	1.24	36	0.12	0.074
1811756	Soil	1.61	8.50	13.48	59.8	197	9.3	4.4	227	2.60	3.4	1.5	0.4	1.8	9.1	0.11	0.26	0.94	42	0.05	0.047
1811757	Soil	1.54	8.99	12.43	52.7	294	11.0	5.3	193	2.24	2.8	2.0	<0.2	8.6	9.2	0.09	0.21	0.60	31	0.10	0.051
1811758	Soil	1.57	9.67	10.12	45.2	251	8.5	3.7	162	1.94	2.9	1.7	<0.2	0.7	9.5	0.10	0.22	0.69	31	0.04	0.049
1811759	Soil	3.36	15.36	31.46	68.2	129	14.6	5.9	362	3.64	8.3	2.3	<0.2	0.8	8.6	0.12	0.52	1.39	45	0.12	0.174
1811760	Soil	3.75	12.73	23.48	129.0	1196	10.3	5.4	472	1.93	5.5	3.8	0.3	2.0	17.6	0.24	0.41	0.80	30	0.19	0.085
1811761	Soil	1.34	6.43	11.05	38.6	78	5.8	3.2	158	1.57	3.1	1.2	<0.2	2.3	8.1	0.09	0.20	0.46	24	0.12	0.081
1811762	Soil	2.54	11.75	17.36	73.9	810	10.1	4.6	243	2.45	5.6	1.9	<0.2	2.4	9.3	0.07	0.40	0.79	38	0.05	0.066
1811763	Soil	3.79	13.94	28.56	89.9	1264	10.7	4.6	249	2.28	6.5	1.9	<0.2	1.6	11.2	0.11	0.50	1.10	39	0.07	0.047
1811764	Soil	1.82	8.57	10.30	43.4	571	7.6	3.6	148	2.07	5.5	1.0	<0.2	2.3	8.0	0.04	0.34	1.25	37	0.04	0.056
1811765	Soil	5.08	12.57	32.40	63.9	1669	10.6	4.4	193	2.04	5.7	3.2	2.4	0.9	9.0	0.09	0.52	0.85	31	0.07	0.069
1811766	Soil	1.71	7.46	9.84	40.3	513	6.5	2.9	131	1.33	2.7	1.0	<0.2	2.6	7.7	0.03	0.23	0.52	23	0.07	0.033
1811767	Soil	1.57	8.89	14.69	57.6	113	10.5	4.5	190	2.42	4.1	1.6	<0.2	1.4	10.2	0.10	0.29	0.75	38	0.07	0.059
1811768	Soil	1.48	10.78	15.10	45.3	207	9.8	4.3	156	2.65	5.5	2.8	0.4	5.5	10.2	0.09	0.33	0.77	32	0.12	0.086
1811769	Soil	5.71	25.43	55.88	131.9	873	18.4	7.2	244	3.35	14.1	4.8	1.0	2.9	10.5	0.17	1.35	1.35	41	0.07	0.066
1811770	Soil	5.14	17.26	21.15	240.5	611	15.4	8.2	570	2.73	6.5	8.4	0.5	3.0	33.7	0.39	0.46	0.91	46	0.27	0.068
1811771	Soil	2.85	11.95	21.05	69.9	274	8.8	4.0	181	1.99	5.9	1.8	<0.2	2.9	10.0	0.09	0.46	0.90	32	0.08	0.058



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Project: Silver Hart
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CERTIFICATE OF ANALYSIS

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Method	Analyte	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
MDL		0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1
1811681	Soil	27.8	16.5	0.33	52.4	0.055	<20	1.65	0.007	0.15	1.7	1.8	0.25	0.05	42	0.2	<0.02	8.7
1811682	Soil	19.1	15.7	0.29	49.7	0.025	<20	1.49	0.007	0.14	1.5	0.7	0.20	0.05	31	<0.1	<0.02	7.0
1811683	Soil	33.4	14.0	0.35	60.1	0.075	<20	1.28	0.008	0.22	1.0	2.5	0.21	<0.02	8	<0.1	<0.02	5.2
1811684	Soil	30.3	14.3	0.27	48.5	0.056	<20	1.38	0.007	0.14	1.8	2.0	0.17	<0.02	14	<0.1	<0.02	5.6
1811685	Soil	19.9	22.4	0.43	57.1	0.068	<20	1.92	0.005	0.15	1.8	2.0	0.19	0.02	26	0.1	<0.02	10.1
1811686	Soil	27.5	22.2	0.56	76.1	0.106	<20	1.86	0.008	0.21	3.0	3.2	0.24	0.02	16	<0.1	<0.02	10.0
1811687	Soil	22.7	19.6	0.38	44.8	0.071	<20	1.62	0.007	0.12	1.4	1.7	0.18	0.03	28	<0.1	0.02	11.3
1811688	Soil	21.4	14.2	0.25	38.9	0.046	<20	1.39	0.006	0.09	1.2	1.3	0.15	0.03	45	<0.1	<0.02	8.4
1811689	Soil	28.0	11.9	0.24	40.3	0.038	<20	0.95	0.008	0.11	1.7	1.4	0.16	0.03	11	<0.1	<0.02	5.3
1811751	Soil	31.1	20.3	0.39	67.2	0.089	<20	2.07	0.007	0.16	3.8	3.6	0.25	<0.02	34	0.2	0.05	8.9
1811752	Soil	31.5	26.9	0.47	61.9	0.064	<20	1.65	0.008	0.27	2.4	3.6	0.23	0.03	55	<0.1	0.02	7.4
1811753	Soil	21.2	28.7	0.37	64.5	0.068	<20	1.43	0.009	0.23	1.5	2.8	0.24	0.05	79	0.2	<0.02	9.4
1811754	Soil	35.9	12.2	0.30	43.6	0.072	<20	1.41	0.007	0.14	2.0	2.4	0.18	<0.02	16	<0.1	<0.02	6.6
1811755	Soil	33.8	14.8	0.33	57.0	0.059	<20	1.82	0.007	0.11	1.0	2.0	0.16	0.03	24	<0.1	<0.02	7.7
1811756	Soil	23.7	17.8	0.33	56.6	0.063	<20	1.66	0.007	0.13	1.0	1.8	0.19	0.02	26	<0.1	<0.02	8.8
1811757	Soil	35.4	17.0	0.38	54.5	0.066	<20	1.69	0.008	0.16	0.6	2.7	0.21	<0.02	9	<0.1	<0.02	6.0
1811758	Soil	25.3	16.3	0.28	47.0	0.032	<20	1.35	0.008	0.13	0.6	1.1	0.17	0.03	18	<0.1	<0.02	7.2
1811759	Soil	22.8	30.8	0.38	53.8	0.042	<20	1.49	0.010	0.19	1.5	1.3	0.24	0.07	38	0.2	<0.02	10.3
1811760	Soil	32.1	15.0	0.34	67.3	0.046	<20	1.48	0.009	0.14	1.1	2.0	0.25	0.04	20	0.2	<0.02	6.0
1811761	Soil	26.0	9.8	0.19	34.7	0.037	<20	0.89	0.007	0.11	1.5	1.2	0.12	<0.02	16	<0.1	<0.02	4.9
1811762	Soil	25.0	18.0	0.33	58.2	0.064	<20	1.68	0.007	0.16	2.5	2.0	0.19	0.02	24	<0.1	<0.02	8.0
1811763	Soil	28.7	17.7	0.34	66.7	0.062	<20	1.68	0.007	0.15	3.4	2.1	0.24	0.02	19	<0.1	<0.02	8.7
1811764	Soil	26.5	13.9	0.24	33.5	0.058	<20	1.06	0.005	0.08	2.1	1.4	0.15	<0.02	18	<0.1	0.03	8.4
1811765	Soil	24.4	16.9	0.30	48.6	0.040	<20	1.32	0.006	0.11	1.5	1.3	0.18	0.03	28	0.4	<0.02	6.3
1811766	Soil	29.8	11.4	0.24	35.6	0.048	<20	0.91	0.008	0.10	2.1	1.5	0.11	<0.02	14	<0.1	<0.02	6.4
1811767	Soil	24.3	20.1	0.33	48.0	0.047	<20	1.65	0.006	0.11	0.7	1.7	0.18	0.03	27	<0.1	<0.02	7.9
1811768	Soil	29.3	18.6	0.30	50.1	0.053	<20	2.12	0.007	0.13	1.3	2.4	0.18	0.04	43	<0.1	<0.02	6.6
1811769	Soil	26.3	26.9	0.46	57.0	0.055	<20	1.89	0.007	0.14	3.5	2.7	0.26	0.04	39	<0.1	0.03	8.2
1811770	Soil	32.3	26.6	0.52	151.3	0.075	<20	2.06	0.008	0.19	2.9	3.3	0.26	0.04	7	<0.1	<0.02	9.1
1811771	Soil	28.4	13.8	0.29	46.8	0.055	<20	1.17	0.008	0.12	2.0	2.0	0.17	0.02	12	<0.1	0.04	6.7



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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01	0.001
1811772	Soil	3.57	11.47	22.64	51.1	695	8.2	3.1	245	1.50	3.1	1.8	<0.2	0.3	6.9	0.07	0.31	0.77	27	0.03	0.068
1811773	Soil	1.34	4.58	7.57	24.2	487	4.8	1.8	60	0.86	2.1	0.8	<0.2	0.5	7.1	0.04	0.21	0.36	16	0.03	0.038
1811774	Soil	2.78	13.79	30.30	105.7	5960	10.0	4.7	344	1.71	6.6	3.6	<0.2	1.1	20.7	0.29	0.54	0.66	25	0.17	0.059
1811775	Soil	6.55	23.21	25.59	198.6	334	18.6	7.3	404	2.72	8.0	5.3	1.7	2.1	23.1	0.34	0.47	1.46	39	0.17	0.084
1811776	Soil	4.87	15.56	17.56	184.5	103	16.7	6.0	275	2.36	5.5	3.6	0.5	5.7	17.3	0.22	0.26	0.93	37	0.20	0.067
1811777	Soil	7.02	14.15	25.25	173.8	103	18.1	9.0	684	3.00	5.1	2.1	0.7	3.4	39.0	0.42	0.33	1.57	59	0.48	0.061
1811778	Soil	1.81	6.82	8.41	27.8	178	4.7	2.2	62	1.56	3.2	1.1	0.7	3.0	5.4	0.04	0.27	0.78	34	0.02	0.026
1811779	Soil	1.84	5.09	10.61	14.0	942	3.7	1.0	30	0.49	1.3	1.4	<0.2	0.2	10.7	0.13	0.14	0.60	11	0.06	0.040
1811780	Soil	10.24	24.46	54.09	204.2	3129	15.7	5.1	221	2.79	5.7	29.5	0.5	0.6	18.9	0.62	0.45	1.22	39	0.08	0.216
1811781	Soil	3.69	9.01	39.86	99.0	559	12.4	4.3	203	1.68	3.0	3.4	<0.2	1.8	24.6	0.47	0.24	0.74	30	0.34	0.088
1811782	Soil	1.86	3.03	10.01	10.1	320	2.6	0.9	23	0.41	0.4	1.2	<0.2	0.5	5.8	0.11	0.20	0.48	10	0.03	0.026
1811783	Soil	2.84	8.47	11.34	37.5	933	7.2	2.7	84	1.32	3.1	1.0	<0.2	2.4	6.5	0.04	0.47	0.84	40	0.04	0.028
1811784	Soil	4.92	46.85	57.33	451.4	302	37.0	13.4	559	3.91	16.7	6.9	0.4	6.2	71.7	1.25	0.70	2.17	52	0.66	0.084
1811785	Soil	3.77	31.46	30.97	288.1	696	26.2	8.8	398	3.38	9.8	8.4	0.3	6.3	40.7	0.45	0.57	1.77	48	0.48	0.087
1811786	Soil	3.37	25.93	31.55	92.1	3294	12.9	3.7	144	1.71	3.0	6.3	0.6	0.5	26.8	0.20	0.23	0.78	24	0.22	0.141
1811787	Soil	6.42	32.04	38.48	222.3	546	29.3	12.7	734	4.23	10.4	8.0	0.3	5.7	39.2	0.20	0.49	2.23	61	0.38	0.085
1811788	Soil	8.00	22.35	35.26	191.8	2051	28.8	12.0	619	3.80	7.8	7.4	1.6	5.7	48.8	0.28	0.33	1.91	58	0.54	0.099
1811789	Soil	3.22	14.57	26.13	129.5	847	22.6	6.8	177	3.15	4.4	6.7	0.3	4.7	34.5	0.30	0.17	1.27	41	0.32	0.086
1811790	Soil	13.91	15.16	36.03	161.6	768	15.0	5.9	523	4.26	8.4	6.1	<0.2	4.3	28.6	0.34	0.41	1.52	65	0.30	0.045



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Method	Analyte	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
MDL		0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1
1811772	Soil	20.3	13.7	0.17	43.5	0.020	<20	1.09	0.006	0.13	1.8	0.6	0.19	0.04	35	<0.1	<0.02	7.4
1811773	Soil	18.8	9.3	0.14	29.7	0.028	<20	0.59	0.006	0.07	1.1	0.6	0.13	0.02	17	<0.1	<0.02	5.6
1811774	Soil	25.5	16.7	0.22	53.1	0.030	<20	0.96	0.007	0.10	2.8	1.3	0.14	0.02	9	<0.1	<0.02	4.5
1811775	Soil	32.5	26.2	0.45	85.6	0.060	<20	2.49	0.014	0.19	3.9	3.2	0.26	0.07	21	<0.1	0.05	7.6
1811776	Soil	37.8	21.6	0.48	82.6	0.079	<20	1.80	0.007	0.13	3.4	3.6	0.18	0.03	6	<0.1	<0.02	6.8
1811777	Soil	25.4	25.7	0.71	122.3	0.159	<20	2.17	0.009	0.17	1.6	4.2	0.23	0.04	7	0.2	0.04	10.0
1811778	Soil	26.5	9.2	0.10	28.7	0.059	<20	0.71	0.004	0.08	1.7	1.1	0.12	0.02	27	<0.1	0.03	8.6
1811779	Soil	22.8	8.6	0.07	28.4	0.017	<20	0.62	0.008	0.06	0.9	0.3	0.13	0.03	47	<0.1	0.04	5.7
1811780	Soil	31.7	27.4	0.38	96.6	0.032	<20	2.65	0.005	0.20	1.9	1.5	0.26	0.17	93	0.4	0.03	10.5
1811781	Soil	27.6	22.3	0.38	71.5	0.061	<20	1.37	0.009	0.11	1.7	2.5	0.15	0.05	23	0.2	<0.02	6.1
1811782	Soil	22.0	5.2	0.04	16.3	0.024	<20	0.52	0.008	0.03	1.6	0.4	0.11	<0.02	14	<0.1	0.03	4.4
1811783	Soil	27.8	13.8	0.10	23.0	0.075	<20	0.66	0.005	0.09	0.7	1.1	0.19	<0.02	20	<0.1	0.05	8.3
1811784	Soil	52.4	39.4	0.77	177.4	0.101	<20	3.40	0.017	0.38	3.7	5.9	0.39	0.07	20	0.6	0.06	10.7
1811785	Soil	57.7	34.4	0.68	136.8	0.099	<20	2.60	0.013	0.27	2.4	5.3	0.32	0.05	32	0.4	0.05	9.5
1811786	Soil	22.9	14.4	0.32	143.0	0.030	<20	2.27	0.021	0.17	1.1	1.3	0.26	0.16	114	0.5	0.03	7.1
1811787	Soil	44.0	36.0	0.77	231.7	0.109	<20	3.69	0.013	0.42	2.0	5.6	0.48	0.06	29	0.4	0.04	12.2
1811788	Soil	39.8	37.8	0.70	260.9	0.097	<20	3.59	0.012	0.36	1.7	5.6	0.45	0.07	47	0.8	0.03	11.7
1811789	Soil	33.8	29.1	0.51	256.1	0.072	<20	3.16	0.012	0.27	1.7	4.4	0.38	0.11	68	0.5	<0.02	11.1
1811790	Soil	32.4	27.3	0.38	117.9	0.115	<20	2.17	0.009	0.20	1.2	3.3	0.36	0.04	31	0.2	0.05	12.2



QUALITY CONTROL REPORT

WHI20000162.1

Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01	0.001	
Pulp Duplicates																					
1811676	Soil	4.08	10.34	17.71	55.1	392	10.5	5.2	273	2.31	7.8	1.2	1.5	9.5	9.5	0.14	0.41	0.61	31	0.17	0.119
REP 1811676	QC	4.03	10.09	18.51	59.0	412	10.3	5.3	282	2.35	8.0	1.3	1.6	9.2	9.3	0.13	0.42	0.56	32	0.17	0.121
1811773	Soil	1.34	4.58	7.57	24.2	487	4.8	1.8	60	0.86	2.1	0.8	<0.2	0.5	7.1	0.04	0.21	0.36	16	0.03	0.038
REP 1811773	QC	1.31	4.95	7.16	24.2	521	4.7	1.9	61	0.86	2.5	0.7	<0.2	0.4	7.3	0.03	0.19	0.39	16	0.03	0.037
1811790	Soil	13.91	15.16	36.03	161.6	768	15.0	5.9	523	4.26	8.4	6.1	<0.2	4.3	28.6	0.34	0.41	1.52	65	0.30	0.045
REP 1811790	QC	14.00	14.70	36.16	162.0	774	14.7	5.8	521	4.25	8.4	6.0	<0.2	4.1	28.9	0.37	0.43	1.50	64	0.30	0.045
Reference Materials																					
STD BVGEO01	Standard	10.88	4452.37	197.11	1753.7	2641	163.1	24.7	713	3.74	128.5	4.0	227.5	16.1	63.0	6.98	2.67	28.85	73	1.31	0.079
STD DS11	Standard	14.19	147.46	142.93	356.3	1716	85.0	14.8	1040	3.23	47.0	2.7	55.8	8.7	72.6	2.50	7.63	12.91	51	1.08	0.074
STD DS11	Standard	12.94	140.48	132.87	352.9	1774	78.6	13.4	1004	3.09	44.7	2.5	44.0	7.0	69.3	2.30	8.39	12.27	48	1.02	0.070
STD OREAS262	Standard	0.64	116.73	60.32	158.2	470	69.1	29.6	566	3.42	38.3	1.3	67.0	9.8	39.4	0.67	3.32	1.10	23	3.04	0.042
STD OREAS262	Standard	0.62	116.26	59.73	162.9	499	65.9	28.9	570	3.48	39.1	1.3	68.9	9.7	40.0	0.67	3.19	1.11	22	3.02	0.043
STD OREAS262	Standard	0.56	110.57	55.72	154.0	469	62.0	26.9	540	3.34	37.1	1.2	53.9	9.2	38.6	0.70	3.08	1.07	21	2.91	0.041
STD DS11 Expected		13.9	149	138	345	1710	77.7	14.2	1055	3.1	42.8	2.59	79	7.65	67.3	2.37	7.2	12.2	50	1.063	0.0701
STD BVGEO01 Expected		10.8	4415	187	1741	2530	163	25	733	3.7	121	3.77	219	14.4	55	6.5	2.2	25.6	73	1.3219	0.0727
STD OREAS262 Expected		0.68	118	56	154	450	62	26.9	530	3.284	35.8	1.22	65	9.33	36	0.61	3.39	1.03	22.5	2.98	0.04
BLK	Blank	<0.01	<0.01	0.03	<0.1	2	<0.1	<0.1	<1	<0.01	0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01	<0.001
BLK	Blank	<0.01	<0.01	0.02	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01	<0.001



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Project: Silver Hart
Report Date: August 17, 2020

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QUALITY CONTROL REPORT

WHI20000162.1

Method	Analyte	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
MDL		0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1
Pulp Duplicates																		
1811676	Soil	28.8	15.1	0.30	45.7	0.060	<20	1.19	0.006	0.13	1.0	2.4	0.17	<0.02	24	0.1	<0.02	5.5
REP 1811676	QC	27.2	15.1	0.30	45.4	0.062	<20	1.21	0.006	0.14	0.8	2.4	0.16	<0.02	25	<0.1	0.03	5.5
1811773	Soil	18.8	9.3	0.14	29.7	0.028	<20	0.59	0.006	0.07	1.1	0.6	0.13	0.02	17	<0.1	<0.02	5.6
REP 1811773	QC	17.5	9.6	0.14	29.0	0.029	<20	0.59	0.006	0.07	0.7	0.5	0.10	0.02	20	<0.1	<0.02	5.7
1811790	Soil	32.4	27.3	0.38	117.9	0.115	<20	2.17	0.009	0.20	1.2	3.3	0.36	0.04	31	0.2	0.05	12.2
REP 1811790	QC	32.3	27.5	0.38	117.8	0.117	<20	2.14	0.009	0.20	1.4	3.2	0.36	0.04	28	0.2	0.05	11.9
Reference Materials																		
STD BVGEO01	Standard	28.6	169.2	1.32	369.7	0.233	<20	2.29	0.189	0.90	3.4	6.3	0.67	0.68	95	5.0	1.07	7.6
STD DS11	Standard	19.2	62.5	0.87	443.1	0.099	<20	1.18	0.074	0.41	2.9	3.3	5.02	0.29	249	2.3	4.52	5.1
STD DS11	Standard	16.2	57.4	0.83	425.2	0.085	<20	1.09	0.069	0.39	2.5	3.1	4.75	0.29	255	2.0	4.65	5.0
STD OREAS262	Standard	17.8	45.5	1.25	271.1	0.003	<20	1.36	0.075	0.33	0.1	3.6	0.48	0.28	166	0.2	0.27	4.0
STD OREAS262	Standard	17.9	43.3	1.26	277.1	0.003	<20	1.33	0.073	0.32	0.1	3.6	0.49	0.28	174	<0.1	0.21	4.0
STD OREAS262	Standard	15.0	40.0	1.21	255.6	0.003	<20	1.20	0.069	0.30	0.1	3.3	0.44	0.27	163	0.4	0.21	3.8
STD DS11 Expected		18.6	61.5	0.85	417	0.0976		1.129	0.0694	0.4	2.9	3.1	4.9	0.2835	260	2.2	4.56	4.7
STD BVGEO01 Expected		25.9	171	1.2963	340	0.233		2.347	0.1924	0.89	3.5	5.97	0.62	0.6655	100	4.84	1.02	7.37
STD OREAS262 Expected		15.9	41.7	1.17	248	0.003		1.3	0.071	0.312	0.13	3.24	0.47	0.269	170	0.4	0.23	3.9
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1