



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

Submitted By: James Rogers
Receiving Lab: Canada-Whitehorse
Received: September 11, 2020
Analysis Start: December 08, 2020
Report Date: January 09, 2021
Page: 1 of 4

CERTIFICATE OF ANALYSIS

WHI20000382.2

CLIENT JOB INFORMATION

Project: Silverhart
Shipment ID:
P.O. Number
Number of Samples: 79

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
PICKUP-RJT Client to Pickup Rejects

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	79	Crush, split and pulverize 250 g rock to 200 mesh			WHI
AQ250	79	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	0.5	Completed	VAN
SLBHP	0	Sort, label and box pulps			WHI
SHP01	79	Per sample shipping charges for branch shipments			VAN
FA530	9	Lead collection fire assay 30G fusion - Grav finish	30	Completed	VAN
AQ370	13	1:1:1 Aqua Regia digestion ICP-ES analysis	1	Completed	VAN
GC817	7	Lead Assay by Classical Titration	0.5	Completed	VAN

ADDITIONAL COMMENTS

Version 2 : AQ370-Pb Zn & GC817 included.

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

CC: Kevin Brewer
Vedran Pobric



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	WGHT	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.01	0.01	0.01	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	
1811920	Rock	2.17	25.00	52.62	10.18	68.9	168	17.9	5.7	200	3.51	2.3	1.9	0.4	19.2	14.9	0.09	0.69	0.34	35	0.25
1811921	Rock	2.75	3.10	51.76	1.59	59.1	109	126.0	29.6	259	3.17	0.8	1.4	9.7	26.4	259.3	0.09	0.08	7.02	72	1.14
1811922	Rock	1.79	6.10	783.25	10.93	371.9	527	100.7	25.2	920	4.22	1.4	1.9	0.9	16.2	52.5	2.27	0.82	1.00	44	0.76
1811923	Rock	3.32	12.75	980.86	3.76	58.3	715	52.4	22.3	354	12.11	3.8	1.9	1.0	13.1	117.9	0.21	1.87	5.94	50	0.64
1811924	Rock	3.56	23.88	116.19	>10000	>10000	>100000	24.4	9.6	>10000	14.24	1009.1	1.8	7.5	9.7	59.5	47.89	60.52	15.12	8	0.16
1811925	Rock	3.67	27.33	42.65	1868.77	>10000	13354	4.9	1.9	>10000	32.95	392.2	2.4	6.9	1.2	84.4	73.45	8.23	0.33	7	0.20
1811926	Rock	2.33	37.42	31.04	345.33	>10000	12090	7.6	2.5	>10000	29.51	270.0	2.8	1.3	3.4	214.1	69.54	3.00	0.56	8	0.28
1811927	Rock	2.94	2.68	17.50	455.23	7411.1	8081	14.2	7.6	>10000	9.12	197.4	0.6	3.2	1.2	793.0	22.25	4.05	0.16	4	20.75
1811928	Rock	2.39	161.36	132.45	1458.25	4351.4	14422	38.5	9.0	>10000	5.84	687.3	2.2	23.8	11.7	44.2	14.65	5.36	6.98	10	0.41
1811929	Rock	2.49	15.19	220.49	41.73	104.6	1302	6.8	3.4	1188	0.73	28.9	1.7	1.1	18.0	42.7	1.06	0.42	0.21	2	0.43
1811930	Rock	2.40	332.73	275.13	785.38	1218.6	10478	45.2	20.8	7773	4.34	139.9	4.9	2.7	8.3	119.7	7.68	2.06	0.69	9	0.74
1811931	Rock	2.19	3.67	60.38	5.79	64.2	127	124.0	19.2	296	3.97	1.2	1.8	3.7	21.9	192.1	0.06	0.07	3.55	92	1.02
1811932	Rock	2.34	3.48	174.56	9.27	101.4	277	39.4	16.5	1161	3.94	6.1	2.0	1.8	20.0	88.2	0.40	0.97	6.36	43	0.52
1811933	Rock	2.58	3.56	25.57	80.28	2271.0	372	15.7	4.3	9053	1.60	5.5	0.6	1.3	4.1	859.3	27.88	0.57	3.55	9	28.46
1811934	Rock	2.71	3.45	93.20	7.62	50.2	131	42.7	15.9	145	3.40	0.5	1.7	0.9	10.4	306.7	0.03	0.05	1.74	36	1.95
1811935	Rock	2.63	2.64	39.85	10.34	223.1	220	71.9	25.2	1037	4.58	0.9	1.8	1.8	15.7	213.4	0.27	0.13	0.99	56	1.11
1811936	Rock	2.33	1.83	23.37	5.53	119.0	192	31.9	11.9	472	2.47	5.6	2.1	0.5	6.6	1072.1	0.27	0.30	0.38	26	19.88
1811937	Rock	2.21	3.15	74.13	19.34	558.3	641	28.7	11.3	2472	3.24	4.1	1.8	1.3	12.3	187.2	1.27	0.69	1.43	35	8.47
1811938	Rock	2.82	7.21	76.34	109.74	867.2	1508	32.3	9.7	5019	2.71	4.9	2.9	0.9	9.5	285.1	2.27	1.36	17.31	30	10.00
1811939	Rock	3.28	21.94	370.22	1231.38	2710.2	3932	69.1	22.7	>10000	7.93	18.9	2.7	2.1	13.1	113.1	7.55	3.39	3.92	43	2.50
1811940	Rock	3.07	26.33	108.14	503.75	1417.8	12531	47.1	11.0	4838	5.01	16.3	2.9	3.2	14.8	64.4	3.32	1.55	10.28	30	2.52
1811941	Rock	2.73	9.86	98.52	14.24	1109.0	966	65.1	9.8	4695	5.48	9.8	2.3	4.9	18.8	50.9	3.35	0.70	10.02	33	5.12
1811942	Rock	2.83	15.91	42.51	15.46	870.1	1589	45.4	11.3	8589	6.55	7.4	2.7	10.3	28.0	82.1	2.56	0.91	36.63	36	8.24
1811943	Rock	3.06	2.74	104.28	9.47	279.2	405	39.0	10.8	1743	2.92	4.7	1.5	1.3	11.4	129.5	0.65	0.43	3.11	35	3.48
1811944	Rock	2.79	7.27	161.80	24.63	229.1	277	42.0	16.0	521	4.00	4.1	1.7	2.6	10.1	31.2	0.39	0.27	1.31	52	0.42
1811945	Rock	3.14	3.36	40.27	12.48	134.4	119	45.1	15.0	324	4.86	3.6	1.8	0.7	10.1	19.1	0.15	0.22	0.38	53	0.35
1811946	Rock	2.54	5.27	57.50	11.76	141.6	211	50.6	16.7	439	4.63	4.4	1.7	0.6	11.9	17.1	0.17	0.27	0.65	50	0.23
1811947	Rock	2.74	1.47	38.53	6.54	65.5	56	58.1	18.8	262	4.58	0.9	1.2	0.7	11.2	17.3	0.04	0.02	0.43	78	0.21
1811948	Rock	1.73	0.75	240.56	>10000	>10000	>100000	32.0	8.7	2153	2.75	67.6	1.0	1.9	13.1	192.2	63.26	20.38	2.62	25	5.69
1811949	Rock	1.26	6.56	107.84	2881.21	>10000	33187	11.0	4.4	>10000	19.21	2215.2	1.1	2.7	3.5	46.3	290.57	11.93	8.19	10	0.43



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Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	FA530	AQ370
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Ag		Pb
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	%
MDL	0.001	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	20	0.01	
1811920	Rock	0.018	33.0	41.5	0.80	43.2	0.037	<20	2.08	0.007	0.50	0.6	4.4	0.30	<0.02	<5	<0.1	<0.02	8.5		
1811921	Rock	0.198	48.8	233.6	1.59	386.6	0.212	<20	2.04	0.179	0.97	18.7	2.7	0.65	0.89	<5	0.1	0.07	6.4		
1811922	Rock	0.095	92.7	55.2	1.34	53.2	0.015	<20	2.94	0.025	0.63	1.4	6.8	0.48	<0.02	<5	0.3	0.08	10.1		
1811923	Rock	0.195	31.8	53.4	0.61	42.4	0.072	<20	2.54	0.042	0.13	53.5	7.9	0.21	2.51	<5	2.5	0.40	10.7		
1811924	Rock	0.029	15.2	6.8	0.02	13.4	<0.001	<20	0.56	0.002	0.31	0.8	6.1	0.27	0.91	<5	0.4	0.31	1.9	213	>4
1811925	Rock	0.068	4.4	3.7	0.15	3.8	<0.001	<20	0.17	0.001	0.06	1.8	1.3	0.07	0.18	<5	0.4	<0.02	1.9		0.23
1811926	Rock	0.033	13.3	4.7	0.07	4.8	<0.001	<20	0.23	0.002	0.11	1.7	2.5	0.11	0.04	<5	0.2	<0.02	1.6		0.04
1811927	Rock	0.008	9.9	2.1	0.88	5.8	<0.001	<20	0.20	0.001	0.05	0.5	1.2	0.14	0.60	<5	0.4	<0.02	0.9		
1811928	Rock	0.078	28.8	10.7	0.23	28.8	0.001	<20	1.15	0.004	0.26	0.9	5.6	0.34	0.12	<5	0.1	0.08	6.8		
1811929	Rock	0.066	32.0	1.5	0.05	47.0	0.002	<20	0.50	0.007	0.22	0.4	1.9	0.23	0.05	<5	<0.1	<0.02	1.5		
1811930	Rock	0.044	27.0	6.9	0.30	136.5	0.004	<20	1.84	0.031	0.17	90.8	3.3	0.25	<0.02	<5	<0.1	0.03	7.3		
1811931	Rock	0.204	66.6	272.1	2.26	380.4	0.279	<20	2.32	0.136	1.29	1.0	2.9	0.87	0.87	<5	0.1	0.19	8.5		
1811932	Rock	0.054	52.1	59.6	1.04	32.0	0.004	<20	2.61	0.009	0.20	0.4	7.6	0.28	<0.02	<5	0.1	0.25	10.0		
1811933	Rock	0.019	30.0	11.7	0.19	25.4	0.003	<20	0.63	0.003	0.08	0.8	2.9	0.07	<0.02	<5	0.3	0.08	2.2		
1811934	Rock	0.037	27.8	63.1	0.85	41.0	0.130	<20	3.52	0.238	0.61	1.6	5.8	0.36	0.58	<5	0.2	0.08	11.4		
1811935	Rock	0.159	54.5	62.7	1.03	70.1	0.071	<20	2.96	0.049	0.54	0.2	7.4	0.29	<0.02	<5	0.4	0.08	10.1		
1811936	Rock	0.194	18.2	26.9	0.61	47.6	0.020	<20	1.87	0.016	0.21	0.6	4.0	0.15	0.04	<5	0.3	0.03	4.4		
1811937	Rock	0.038	30.6	40.3	0.65	36.6	0.071	<20	1.79	0.055	0.23	5.5	5.4	0.21	0.12	<5	0.2	0.02	7.3		
1811938	Rock	0.070	41.3	30.5	0.60	25.2	0.080	<20	2.21	0.054	0.19	2.9	5.0	0.17	0.03	<5	0.1	0.06	7.5		
1811939	Rock	0.088	34.4	86.5	1.14	61.0	0.093	<20	2.12	0.066	0.56	>100	8.2	0.47	0.35	<5	0.1	0.06	7.9		
1811940	Rock	0.053	45.8	41.0	0.74	27.4	0.021	<20	1.93	0.011	0.31	1.2	6.5	0.32	0.06	<5	0.1	0.38	6.8		
1811941	Rock	0.113	29.1	42.6	0.61	23.5	0.063	<20	2.38	0.009	0.21	6.0	7.0	0.22	0.03	<5	<0.1	0.32	14.3		
1811942	Rock	0.064	5.2	53.9	0.36	15.2	0.105	<20	2.18	0.003	0.08	2.0	9.2	0.15	0.04	<5	0.1	1.45	14.7		
1811943	Rock	0.047	29.7	49.1	0.87	33.9	0.046	<20	1.99	0.046	0.38	0.6	6.5	0.29	0.11	<5	0.1	0.03	7.2		
1811944	Rock	0.042	24.0	56.4	1.08	53.4	0.092	<20	2.34	0.054	0.79	2.0	7.7	0.49	0.36	<5	0.1	0.10	9.3		
1811945	Rock	0.079	29.4	62.7	1.32	65.3	0.079	<20	3.01	0.025	0.85	0.2	7.8	0.51	0.10	<5	<0.1	0.03	10.8		
1811946	Rock	0.044	33.5	60.1	1.23	55.5	0.069	<20	2.79	0.023	0.73	0.3	7.1	0.47	0.07	<5	<0.1	0.04	10.3		
1811947	Rock	0.058	21.0	68.7	1.30	102.8	0.195	<20	2.87	0.045	1.54	0.5	10.9	0.82	0.64	<5	0.2	0.05	12.5		
1811948	Rock	0.053	38.0	35.2	0.55	25.5	0.006	<20	2.11	0.020	0.11	0.2	6.6	0.12	1.34	<5	0.3	<0.02	6.2	185	>4
1811949	Rock	0.030	6.1	8.8	0.26	6.3	0.003	<20	0.48	0.002	0.12	0.5	4.1	0.16	2.98	41	1.0	0.11	3.3		0.30

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.



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Method	Analyte	AQ370	GC817
		Zn	Pb
Unit		%	%
MDL		0.01	2
1811920	Rock		
1811921	Rock		
1811922	Rock		
1811923	Rock		
1811924	Rock	1.36	6.73
1811925	Rock	2.27	
1811926	Rock	1.95	
1811927	Rock		
1811928	Rock		
1811929	Rock		
1811930	Rock		
1811931	Rock		
1811932	Rock		
1811933	Rock		
1811934	Rock		
1811935	Rock		
1811936	Rock		
1811937	Rock		
1811938	Rock		
1811939	Rock		
1811940	Rock		
1811941	Rock		
1811942	Rock		
1811943	Rock		
1811944	Rock		
1811945	Rock		
1811946	Rock		
1811947	Rock		
1811948	Rock	2.05	4.58
1811949	Rock	9.85	



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Method	WGHT	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.01	0.01	0.01	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	
1811950	Rock	0.90	4.08	476.88	>10000	>10000	>100000	21.3	9.8	>10000	7.91	>10000	0.7	54.0	5.5	71.9	277.49	133.92	13.73	6	1.04
2063951	Rock	3.15	8.15	17.96	16.73	316.4	236	35.2	9.7	4764	4.94	14.7	2.5	3.7	12.3	91.4	1.43	0.32	5.42	30	3.69
2063952	Rock	3.34	4.45	59.21	4501.17	8365.8	12274	68.8	22.1	>10000	9.47	172.4	2.8	0.5	13.6	30.3	27.82	9.62	1.27	26	1.01
2063953	Rock	2.68	45.15	612.89	6.88	118.4	1884	47.2	31.8	3708	13.39	1.8	6.0	4.8	8.2	37.3	0.50	1.25	4.71	39	3.19
2063954	Rock	2.60	7.00	485.24	20.10	149.9	1145	53.3	28.8	2339	7.30	4.8	2.7	3.2	9.1	143.8	0.59	0.20	0.86	42	3.21
2063955	Rock	2.30	2.78	70.32	1630.25	3714.5	6510	50.8	11.8	4521	5.66	111.5	1.4	1.1	13.2	18.6	16.22	3.47	1.06	30	0.44
2063956	Rock	2.44	0.54	31.60	14.42	82.2	235	48.4	16.5	433	3.96	2.4	1.9	<0.2	11.2	9.2	0.43	0.86	0.25	43	0.12
2063957	Rock	2.64	5.30	669.25	10.80	104.3	718	41.7	26.5	681	8.15	3.1	1.3	169.4	9.6	68.3	0.69	0.18	91.51	41	0.99
2063958	Rock	2.45	3.17	52.53	8.65	80.1	127	54.2	20.0	439	4.53	0.9	2.7	<0.2	14.1	136.2	0.41	0.19	0.73	62	0.90
2063959	Rock	2.20	9.31	275.99	4.70	70.7	319	13.8	7.8	287	7.35	22.8	12.5	3.7	17.2	168.3	0.17	0.32	5.76	64	1.20
2063960	Rock	2.98	41.00	76.11	8.91	67.8	185	38.4	15.8	281	3.53	22.7	9.8	0.5	7.6	10.9	0.16	0.70	0.82	20	0.23
2063961	Rock	3.15	15.36	208.19	9.04	131.5	262	76.8	35.2	917	5.55	30.3	2.9	1.1	10.3	24.4	0.23	0.55	1.24	29	0.64
2063962	Rock	2.50	4.35	411.01	5.51	263.7	608	68.1	38.5	976	11.29	1.6	2.8	3.5	13.5	141.9	2.95	0.31	8.18	42	2.17
2063963	Rock	2.79	1.27	193.64	9.21	64.2	267	57.1	25.7	590	6.08	0.9	1.7	41.3	12.6	158.1	0.29	0.05	60.07	23	2.34
2063964	Rock	2.11	4.80	102.96	5.24	76.2	395	27.9	8.9	305	4.15	2.3	4.0	23.7	10.6	47.6	0.27	0.14	51.07	45	0.92
2063965	Rock	2.32	8.62	483.36	47.32	1784.0	672	172.4	120.6	2569	5.67	22.5	4.2	<0.2	16.2	20.9	6.77	0.52	0.53	24	0.24
2063966	Rock	2.58	12.55	181.88	6.39	281.9	118	66.2	35.5	325	7.13	10.4	1.6	0.2	6.4	9.1	3.05	0.20	0.41	52	0.16
2063967	Rock	2.73	1.13	23.91	10.43	110.9	42	50.2	21.1	522	4.19	0.7	1.6	3.4	8.9	26.1	0.76	0.04	0.94	73	0.38
2063968	Rock	2.58	2.98	23.46	5.86	105.0	29	49.9	20.8	683	5.41	0.5	1.0	<0.2	8.3	14.1	0.20	0.14	0.23	65	0.09
2063969	Rock	2.26	4.06	25.31	16.58	84.6	25	58.1	39.9	656	5.07	3.2	1.5	0.5	7.3	12.9	0.05	0.28	0.20	62	0.13
2063970	Rock	3.52	544.01	22.53	3.49	13.5	96	16.3	16.4	111	4.43	9.9	11.4	12.7	0.2	1.3	<0.01	1.27	46.45	4	0.02
2063971	Rock	2.26	2.58	10.79	169.39	953.0	711	1.6	3.2	479	1.76	3.1	1.6	0.3	15.4	9.5	2.36	0.79	0.41	14	0.25
2063972	Rock	2.38	3.55	325.76	>10000	9417.7	>100000	1.1	3.7	9486	3.88	11.0	5.6	22.0	16.1	8.1	34.75	55.61	0.52	4	0.15
2063973	Rock	4.98	0.35	2459.33	>10000	>10000	>100000	0.1	0.7	75	0.33	45.2	0.3	247.6	<0.1	2.9	67.91	>2000	0.59	<1	<0.01
2063974	Rock	1.96	4.26	37.67	1363.15	1452.1	9366	1.5	2.7	769	1.71	7.3	8.3	1.7	17.3	8.1	2.56	11.21	0.07	10	0.21
2063975	Rock	2.28	3.57	11.24	410.45	601.0	4255	1.7	4.1	586	2.32	2.8	4.1	3.2	20.1	25.7	1.69	1.80	2.32	17	0.50
2063976	Rock	2.47	3.96	6.38	50.42	602.5	491	2.0	3.4	853	1.96	2.8	2.2	0.3	20.1	19.3	1.71	0.77	0.10	12	0.23
2063977	Rock	2.26	2.46	3.38	319.61	1272.7	957	1.5	3.1	6717	2.48	1.9	4.7	0.5	18.4	43.8	3.64	0.52	0.10	3	0.63
2063978	Rock	2.93	3.44	11.75	571.30	2824.4	3163	1.1	2.4	7863	3.14	7.3	7.1	3.8	17.9	21.7	8.75	1.56	0.10	2	0.11
2063979	Rock	2.52	4.14	44.88	7236.83	2801.3	26854	1.3	2.2	>10000	8.59	37.6	7.4	52.6	9.8	19.5	7.24	8.05	1.14	4	0.06



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Project: Silverhart
Report Date: January 09, 2021

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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	AQ250	FA530	AQ370
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	TI	S	Hg	Se	Te	Ga	Ag	Pb
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	%
MDL		0.001	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	20	0.01
1811950	Rock	0.021	10.4	5.5	0.19	11.6	0.001	<20	0.49	0.003	0.21	2.7	4.4	0.33	4.03	46	1.4	0.19	2.6	287	3.86
2063951	Rock	0.054	30.6	34.6	0.45	105.2	0.077	<20	2.61	0.044	0.04	99.7	4.7	0.14	0.02	<5	0.2	0.20	14.3		
2063952	Rock	0.069	36.1	30.9	0.46	68.0	0.002	<20	1.16	0.004	0.32	31.1	10.1	0.34	0.46	<5	0.3	0.04	4.6		
2063953	Rock	0.068	23.9	44.3	0.56	49.4	0.049	<20	2.98	0.019	0.08	>100	6.2	0.23	1.33	<5	0.6	0.10	23.5		
2063954	Rock	0.037	25.8	50.0	0.88	73.5	0.085	<20	3.80	0.054	0.09	>100	4.7	0.20	0.51	<5	0.2	<0.02	18.9		
2063955	Rock	0.058	61.7	41.4	0.73	23.1	0.003	<20	2.38	0.009	0.21	47.5	6.9	0.34	0.08	<5	0.2	0.04	9.1		
2063956	Rock	0.022	31.5	55.2	0.90	79.1	0.100	<20	2.04	0.034	0.78	4.0	6.8	0.42	0.12	<5	0.1	<0.02	8.9		
2063957	Rock	0.033	21.1	38.5	0.74	42.2	0.075	<20	2.94	0.168	0.27	44.1	3.7	0.41	1.38	<5	0.5	4.21	12.9		
2063958	Rock	0.034	39.6	75.2	1.23	64.2	0.042	<20	3.51	0.082	0.44	1.3	7.4	0.33	0.16	<5	0.2	0.04	11.8		
2063959	Rock	0.200	58.8	79.9	0.81	88.3	0.142	<20	3.80	0.251	0.53	6.7	8.8	0.58	0.50	<5	0.9	0.13	18.4		
2063960	Rock	0.066	15.9	21.7	0.38	23.3	0.012	<20	1.24	0.010	0.27	1.0	2.5	0.29	<0.02	<5	<0.1	0.08	6.3		
2063961	Rock	0.034	22.4	35.7	0.98	70.8	0.070	<20	2.87	0.032	0.80	5.8	4.2	0.91	0.03	<5	<0.1	0.03	10.3		
2063962	Rock	0.112	42.9	57.6	0.80	35.4	0.053	<20	4.93	0.313	0.21	95.1	5.5	0.33	2.21	<5	0.9	0.34	16.6		
2063963	Rock	0.027	27.3	32.9	0.49	17.0	0.077	<20	4.68	0.378	0.08	18.2	3.2	0.10	2.03	<5	0.5	0.71	14.5		
2063964	Rock	0.276	18.4	47.5	1.63	206.2	0.100	<20	3.87	0.023	0.82	22.6	6.0	0.89	0.12	<5	0.3	1.00	14.6		
2063965	Rock	0.062	49.3	37.8	0.54	74.4	0.005	<20	1.89	0.035	0.31	0.7	6.3	0.46	0.10	<5	0.2	<0.02	5.9		
2063966	Rock	0.058	16.4	68.2	1.64	127.4	0.234	<20	3.27	0.037	1.56	1.7	5.9	1.40	0.86	<5	0.3	0.09	11.4		
2063967	Rock	0.013	25.9	63.4	0.98	123.0	0.175	<20	3.06	0.081	1.14	0.5	11.0	0.63	0.17	<5	<0.1	0.02	11.6		
2063968	Rock	0.022	20.6	86.9	1.45	157.9	0.190	<20	3.31	0.039	1.33	0.3	8.4	0.85	0.02	<5	<0.1	<0.02	13.7		
2063969	Rock	0.022	19.4	70.7	1.03	142.9	0.202	<20	3.11	0.021	1.17	0.3	8.7	0.71	<0.02	<5	0.1	<0.02	10.9		
2063970	Rock	<0.001	<0.5	4.4	0.03	2.9	0.001	<20	0.10	0.003	0.03	1.2	0.2	0.07	0.24	<5	<0.1	1.70	2.7		
2063971	Rock	0.067	40.8	3.4	0.16	57.9	0.011	<20	0.63	0.020	0.24	0.2	2.6	0.19	<0.02	<5	<0.1	<0.02	3.0		
2063972	Rock	0.060	27.7	2.1	0.04	22.1	<0.001	<20	0.36	0.003	0.28	0.4	1.8	0.33	0.68	18	<0.1	<0.02	1.0	149	2.16
2063973	Rock	<0.001	<0.5	<0.5	<0.01	1.7	<0.001	<20	0.01	<0.001	<0.01	<0.1	<0.1	0.51	>10	45	0.1	<0.02	0.3	5248	>4
2063974	Rock	0.078	47.0	3.1	0.11	42.2	0.004	<20	0.67	0.003	0.20	0.5	2.6	0.19	<0.02	<5	<0.1	<0.02	2.8		
2063975	Rock	0.070	51.9	2.8	0.36	61.8	0.006	<20	1.59	0.007	0.15	0.2	2.9	0.16	<0.02	<5	0.1	0.03	5.5		
2063976	Rock	0.070	47.7	3.3	0.20	92.5	0.002	<20	0.82	0.014	0.21	0.2	2.2	0.20	<0.02	<5	<0.1	<0.02	3.3		
2063977	Rock	0.059	46.4	2.3	0.03	71.1	0.001	<20	0.34	0.004	0.26	0.4	1.6	0.19	0.03	<5	<0.1	<0.02	1.0		
2063978	Rock	0.064	38.4	2.0	0.02	29.7	<0.001	<20	0.32	0.002	0.27	0.3	2.0	0.23	0.08	5	<0.1	<0.02	1.0		
2063979	Rock	0.033	20.4	2.6	0.03	32.8	<0.001	<20	0.32	0.002	0.23	0.3	1.7	0.21	0.27	<5	0.1	<0.02	0.8		



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CERTIFICATE OF ANALYSIS

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Method	Analyte	AQ370	GC817
		Zn	Pb
Unit		%	%
MDL		0.01	2
1811950	Rock	8.61	
2063951	Rock		
2063952	Rock		
2063953	Rock		
2063954	Rock		
2063955	Rock		
2063956	Rock		
2063957	Rock		
2063958	Rock		
2063959	Rock		
2063960	Rock		
2063961	Rock		
2063962	Rock		
2063963	Rock		
2063964	Rock		
2063965	Rock		
2063966	Rock		
2063967	Rock		
2063968	Rock		
2063969	Rock		
2063970	Rock		
2063971	Rock		
2063972	Rock	0.93	
2063973	Rock	1.35	74.95
2063974	Rock		
2063975	Rock		
2063976	Rock		
2063977	Rock		
2063978	Rock		
2063979	Rock		



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CERTIFICATE OF ANALYSIS

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Method	Analyte	WGHT	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	Unit
		kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
2063980	Rock	2.59	2.26	9.02	668.88	2585.8	1619	1.0	1.8	9440	3.40	4.1	5.0	1.3	20.2	27.4	7.66	0.51	0.09	2	0.14	
2063981	Rock	4.36	0.65	1523.68	>10000	>10000	>100000	0.8	1.3	>10000	5.56	506.5	4.1	106.1	4.9	5.4	169.52	1449.69	8.89	2	0.06	
2063982	Rock	2.78	18.45	4880.96	>10000	>10000	>100000	0.3	0.3	48	1.77	1499.3	1.3	1672.9	0.1	29.1	64.48	>2000	22.44	<1	<0.01	
2063983	Rock	1.56	1.64	5230.39	>10000	>10000	>100000	2.5	16.4	7142	6.92	>10000	2.1	1087.2	1.0	2.2	104.71	>2000	9.77	<1	0.02	
2063984	Rock	3.60	2.10	51.48	879.37	>10000	14571	8.5	2.8	>10000	30.64	113.1	2.2	8.5	2.5	183.7	53.81	5.33	1.24	6	0.18	
2063985	Rock	4.10	0.14	49.77	>10000	6254.4	>100000	0.8	0.4	>10000	3.65	17.5	1.1	142.8	0.7	7.3	19.31	1328.92	0.80	<1	0.04	
1775101	Rock	1.50	0.29	93.06	896.00	283.4	3204	36.6	24.4	445	6.13	2.8	0.9	0.9	12.9	254.6	1.39	1.58	0.25	18	4.42	
1775102	Rock	1.68	0.24	18.59	677.01	57.4	2181	34.5	9.0	924	2.74	10.9	0.7	0.6	3.1	885.7	0.12	1.32	0.32	34	23.93	
1775103	Rock	1.03	0.40	237.61	146.49	4093.8	2727	40.5	16.4	1596	6.54	22.9	4.4	2.9	7.5	229.8	32.28	8.98	3.42	17	14.68	
1775104	Rock	1.46	0.16	462.50	216.00	41.5	1457	20.6	51.8	589	10.67	5.3	1.5	2.5	13.7	937.3	0.11	1.24	7.40	12	7.98	
1775105	Rock	1.20	0.18	158.09	41.06	64.2	567	43.1	31.9	464	5.26	3.2	0.5	1.2	9.9	346.3	0.10	0.19	0.65	35	2.82	
1775106	Rock	1.34	0.20	281.85	88.33	40.1	582	30.2	26.5	558	6.21	4.1	1.1	3.8	11.0	391.5	0.05	0.52	1.59	37	5.69	
1775107	Rock	1.24	1.09	28.39	60.97	30.1	737	10.5	3.6	38	3.88	36.1	1.4	1.0	6.6	8.2	0.02	0.52	0.37	6	0.05	
1775108	Rock	0.73	0.44	53.50	69.29	18.3	794	15.7	12.7	127	11.27	75.8	0.1	3.4	9.9	7.7	0.02	0.72	0.45	10	0.03	
1775109	Rock	2.00	0.25	19.34	15.75	54.5	145	35.2	14.8	710	4.04	0.8	1.0	1.2	9.0	460.6	0.02	0.07	0.17	47	5.18	
1775151	Rock	2.17	645.19	811.61	32.12	101.6	1704	12.0	16.1	665	4.00	1.0	1.8	1.9	10.0	860.9	1.10	0.19	2.74	7	4.17	
1775152	Rock	1.37	563.99	1311.88	11.03	124.7	2307	27.8	37.9	1002	7.47	<0.1	1.8	2.5	7.8	154.8	1.28	0.12	4.69	8	2.01	
1775153	Rock	0.46	402.45	950.86	19.81	142.8	1910	52.0	66.7	1086	11.58	<0.1	1.1	4.2	5.3	220.7	1.17	0.12	5.84	7	2.04	
1775154	Rock	2.93	5.25	5.80	23.74	161.3	208	5.7	2.4	2522	2.24	3.4	4.8	<0.2	7.2	5.3	0.55	0.50	0.07	3	0.04	



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Method	Analyte	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	FA530	AQ370
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Ag	Pb
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	%
MDL		0.001	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	20	0.01
2063980	Rock	0.064	42.6	1.7	0.03	16.3	<0.001	<20	0.31	0.003	0.27	0.3	1.9	0.24	0.07	<5	<0.1	<0.02	1.0		
2063981	Rock	0.021	5.9	1.6	0.06	6.8	<0.001	<20	0.21	0.001	0.23	0.2	1.0	0.39	5.43	86	1.0	<0.02	1.6	1396	>4
2063982	Rock	0.004	0.9	1.3	<0.01	16.1	<0.001	<20	0.04	<0.001	<0.01	0.7	<0.1	0.55	9.53	99	2.4	<0.02	1.7	5034	>4
2063983	Rock	0.006	1.3	2.3	0.03	6.8	<0.001	<20	0.10	<0.001	0.07	0.3	0.3	0.29	6.24	49	1.1	0.04	0.8	2587	>4
2063984	Rock	0.029	6.6	3.4	0.10	9.6	<0.001	<20	0.23	0.003	0.15	0.6	2.1	0.11	0.14	6	0.4	<0.02	2.0		0.10
2063985	Rock	0.023	<0.5	1.2	<0.01	2.3	<0.001	<20	0.03	<0.001	0.03	0.3	0.2	0.40	9.56	8	2.2	0.08	0.3	1256	>4
1775101	Rock	0.024	38.7	25.7	0.96	21.4	0.004	<20	1.18	0.004	0.31	<0.1	3.6	0.68	3.00	<5	0.2	<0.02	4.4		
1775102	Rock	0.042	5.8	57.9	2.38	11.5	0.050	<20	2.25	0.008	0.25	0.3	4.1	0.69	0.27	<5	0.3	<0.02	8.3		
1775103	Rock	0.024	24.3	22.4	4.92	12.6	<0.001	<20	0.50	0.005	0.13	0.7	5.9	0.32	2.34	<5	0.5	<0.02	1.9		
1775104	Rock	0.023	39.4	17.2	0.68	21.4	0.008	<20	1.30	0.004	0.36	0.4	4.0	0.87	4.55	<5	1.3	0.27	10.8		
1775105	Rock	0.030	8.9	44.2	1.51	20.1	0.146	<20	3.93	0.291	0.25	0.5	4.8	0.55	1.81	<5	0.3	<0.02	12.5		
1775106	Rock	0.033	18.6	37.9	1.10	14.7	0.023	<20	1.46	0.033	0.20	0.6	5.4	0.34	2.92	<5	0.8	0.05	6.0		
1775107	Rock	0.041	5.6	4.8	0.02	24.0	<0.001	<20	0.28	0.003	0.21	0.2	0.7	0.30	0.06	<5	0.2	0.06	0.9		
1775108	Rock	0.078	24.0	7.2	0.06	24.2	0.001	<20	0.36	0.003	0.22	0.1	0.9	0.66	0.42	<5	0.5	0.05	2.5		
1775109	Rock	0.027	15.4	56.2	1.22	198.5	0.237	<20	2.67	0.039	1.34	0.2	8.3	0.48	0.23	<5	0.1	0.03	9.4		
1775151	Rock	0.054	22.5	15.2	0.20	10.4	0.096	<20	6.17	0.580	0.02	33.3	1.8	0.03	1.85	<5	1.1	0.15	15.7		
1775152	Rock	0.036	12.2	6.3	0.22	3.3	0.051	<20	2.07	0.137	0.02	>100	1.8	0.03	4.04	<5	2.4	0.23	6.1		
1775153	Rock	0.040	14.7	7.4	0.23	4.1	0.059	<20	2.53	0.169	0.02	>100	2.5	0.07	7.18	<5	4.6	0.35	7.4		
1775154	Rock	0.026	15.6	1.6	0.01	26.5	<0.001	<20	0.26	0.003	0.14	1.4	1.5	0.33	0.03	<5	<0.1	<0.02	1.1		



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Project: Silverhart

Report Date: January 09, 2021

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CERTIFICATE OF ANALYSIS

WHI20000382.2

Method	AQ370	GC817
Analyte	Zn	Pb
Unit	%	%
MDL	0.01	2
2063980	Rock	
2063981	Rock	7.60 17.62
2063982	Rock	2.80 44.90
2063983	Rock	4.28 10.99
2063984	Rock	1.80
2063985	Rock	0.63 62.48
1775101	Rock	
1775102	Rock	
1775103	Rock	
1775104	Rock	
1775105	Rock	
1775106	Rock	
1775107	Rock	
1775108	Rock	
1775109	Rock	
1775151	Rock	
1775152	Rock	
1775153	Rock	
1775154	Rock	



QUALITY CONTROL REPORT

WHI20000382.2

Method	WGHT	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.01	0.01	0.01	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	
Pulp Duplicates																					
1811942	Rock	2.83	15.91	42.51	15.46	870.1	1589	45.4	11.3	8589	6.55	7.4	2.7	10.3	28.0	82.1	2.56	0.91	36.63	36	8.24
REP 1811942	QC		15.81	42.61	15.83	883.3	1577	45.4	11.4	8624	6.51	7.6	2.8	13.6	28.6	82.2	2.53	0.93	36.70	35	8.03
2063972	Rock	2.38	3.55	325.76	>10000	9417.7	>100000	1.1	3.7	9486	3.88	11.0	5.6	22.0	16.1	8.1	34.75	55.61	0.52	4	0.15
REP 2063972	QC																				
2063977	Rock	2.26	2.46	3.38	319.61	1272.7	957	1.5	3.1	6717	2.48	1.9	4.7	0.5	18.4	43.8	3.64	0.52	0.10	3	0.63
REP 2063977	QC		2.44	3.32	319.21	1269.5	952	1.4	3.1	6568	2.49	2.1	4.2	0.7	18.2	41.8	3.62	0.51	0.10	3	0.63
2063985	Rock	4.10	0.14	49.77	>10000	6254.4	>100000	0.8	0.4	>10000	3.65	17.5	1.1	142.8	0.7	7.3	19.31	1328.92	0.80	<1	0.04
REP 2063985	QC																				
REP 1775154	QC		4.81	4.75	23.39	153.9	208	6.1	2.7	2435	2.28	3.4	5.3	<0.2	8.0	5.1	0.52	0.50	0.06	3	0.04
Core Reject Duplicates																					
1811930	Rock	2.40	332.73	275.13	785.38	1218.6	10478	45.2	20.8	7773	4.34	139.9	4.9	2.7	8.3	119.7	7.68	2.06	0.69	9	0.74
DUP 1811930	QC		340.16	293.24	821.49	1138.3	10015	44.5	23.0	7280	4.34	147.1	4.9	3.0	8.5	126.4	7.03	1.93	0.72	10	0.71
2063964	Rock	2.11	4.80	102.96	5.24	76.2	395	27.9	8.9	305	4.15	2.3	4.0	23.7	10.6	47.6	0.27	0.14	51.07	45	0.92
DUP 2063964	QC		4.68	99.19	5.05	74.7	404	26.6	8.6	298	4.04	1.4	3.8	10.9	10.1	43.1	0.26	0.14	47.21	43	0.92
1775154	Rock	2.93	5.25	5.80	23.74	161.3	208	5.7	2.4	2522	2.24	3.4	4.8	<0.2	7.2	5.3	0.55	0.50	0.07	3	0.04
DUP 1775154	QC		4.76	5.01	24.83	158.4	215	5.9	2.9	2409	2.22	3.0	5.6	<0.2	8.0	5.6	0.56	0.55	0.06	3	0.04
Reference Materials																					
STD AGPROOF	Standard																				
STD BVGEO01	Standard		10.92	4399.21	184.86	1818.5	2538	158.1	24.8	739	3.83	117.1	3.5	202.3	13.4	54.6	6.29	2.25	23.16	72	1.32
STD CDN-ME-9A	Standard																				
STD CDN-ME-14A	Standard																				
STD CPB-2	Standard																				
STD CPB-2	Standard																				
STD DS11	Standard		13.95	150.51	131.72	337.0	1711	83.6	14.2	1053	3.24	46.3	2.4	56.1	6.9	65.8	2.36	6.39	10.75	48	1.06
STD DS11	Standard		15.23	149.15	144.96	370.2	1746	80.7	13.4	1006	3.16	44.7	2.8	61.6	8.4	68.6	2.47	6.92	11.77	48	1.04
STD DS11	Standard		14.91	142.93	146.21	328.3	1662	79.3	14.2	992	3.04	41.0	2.6	55.3	8.5	62.0	2.31	7.94	11.53	50	1.03
STD OREAS262	Standard		0.68	119.04	55.33	155.4	468	69.4	29.5	572	3.52	37.8	1.2	55.6	8.6	35.7	0.66	2.70	0.96	21	3.13
STD OREAS262	Standard		0.65	113.84	51.97	149.2	456	66.4	27.6	549	3.41	36.2	1.1	56.7	8.2	33.9	0.64	2.73	0.93	21	3.09



QUALITY CONTROL REPORT

WHI20000382.2

Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	FA530	AQ370	
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Ag	Pb	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	%	
MDL	0.001	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	20	0.01	
Pulp Duplicates																					
1811942	Rock	0.064	5.2	53.9	0.36	15.2	0.105	<20	2.18	0.003	0.08	2.0	9.2	0.15	0.04	<5	0.1	1.45	14.7		
REP 1811942	QC	0.062	5.2	53.4	0.36	15.3	0.102	<20	2.10	<0.001	0.08	2.1	9.3	0.15	0.05	<5	0.1	1.31	14.5		
2063972	Rock	0.060	27.7	2.1	0.04	22.1	<0.001	<20	0.36	0.003	0.28	0.4	1.8	0.33	0.68	18	<0.1	<0.02	1.0	149	2.16
REP 2063972	QC																				2.13
2063977	Rock	0.059	46.4	2.3	0.03	71.1	0.001	<20	0.34	0.004	0.26	0.4	1.6	0.19	0.03	<5	<0.1	<0.02	1.0		
REP 2063977	QC	0.059	47.4	2.2	0.03	70.1	0.001	<20	0.34	0.004	0.27	0.4	1.6	0.19	0.03	<5	<0.1	<0.02	1.0		
2063985	Rock	0.023	<0.5	1.2	<0.01	2.3	<0.001	<20	0.03	<0.001	0.03	0.3	0.2	0.40	9.56	8	2.2	0.08	0.3	1256	>4
REP 2063985	QC																				
REP 1775154	QC	0.026	16.7	1.9	0.01	27.2	<0.001	<20	0.27	0.002	0.14	1.2	1.5	0.35	0.02	<5	<0.1	<0.02	1.2		
Core Reject Duplicates																					
1811930	Rock	0.044	27.0	6.9	0.30	136.5	0.004	<20	1.84	0.031	0.17	90.8	3.3	0.25	<0.02	<5	<0.1	0.03	7.3		
DUP 1811930	QC	0.041	27.3	7.2	0.29	133.7	0.003	<20	1.87	0.028	0.17	93.8	3.4	0.25	<0.02	<5	0.2	0.04	7.3		
2063964	Rock	0.276	18.4	47.5	1.63	206.2	0.100	<20	3.87	0.023	0.82	22.6	6.0	0.89	0.12	<5	0.3	1.00	14.6		
DUP 2063964	QC	0.272	17.4	45.7	1.57	196.5	0.102	<20	3.79	0.023	0.79	25.0	5.7	0.84	0.12	<5	0.3	0.99	13.9		
1775154	Rock	0.026	15.6	1.6	0.01	26.5	<0.001	<20	0.26	0.003	0.14	1.4	1.5	0.33	0.03	<5	<0.1	<0.02	1.1		
DUP 1775154	QC	0.027	18.0	1.9	0.01	27.0	<0.001	<20	0.27	0.002	0.15	2.0	1.6	0.34	0.03	<5	<0.1	<0.02	1.2		
Reference Materials																					
STD AGPROOF	Standard																				98
STD BVGEO01	Standard	0.068	24.4	173.2	1.31	334.6	0.239	<20	2.28	0.185	0.89	3.7	5.8	0.61	0.68	93	4.8	1.00	7.3		
STD CDN-ME-9A	Standard																				<0.01
STD CDN-ME-14A	Standard																				0.51
STD CPB-2	Standard																				
STD CPB-2	Standard																				
STD DS11	Standard	0.069	15.9	61.1	0.86	399.6	0.089	<20	1.15	0.074	0.41	2.6	3.1	4.81	0.28	217	2.3	4.50	5.0		
STD DS11	Standard	0.077	17.4	61.0	0.84	443.8	0.089	<20	1.11	0.069	0.39	3.6	3.3	5.24	0.28	271	2.3	4.76	5.1		
STD DS11	Standard	0.071	17.3	58.9	0.84	407.9	0.086	<20	1.14	0.069	0.40	2.8	3.1	5.13	0.26	259	2.5	4.76	4.9		
STD OREAS262	Standard	0.039	14.0	43.4	1.21	239.7	0.003	<20	1.18	0.070	0.30	0.1	3.2	0.45	0.26	153	0.5	0.24	3.9		
STD OREAS262	Standard	0.038	13.5	42.8	1.19	229.4	0.003	<20	1.18	0.068	0.30	0.3	3.1	0.44	0.26	154	0.5	0.20	3.9		



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Project: Silverhart
Report Date: January 09, 2021

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QUALITY CONTROL REPORT

WHI20000382.2

Method	AQ370	GC817
Analyte	Zn	Pb
Unit	%	%
MDL	0.01	2
Pulp Duplicates		
1811942	Rock	
REP 1811942	QC	
2063972	Rock	0.93
REP 2063972	QC	0.94
2063977	Rock	
REP 2063977	QC	
2063985	Rock	0.63 62.48
REP 2063985	QC	62.42
REP 1775154	QC	
Core Reject Duplicates		
1811930	Rock	
DUP 1811930	QC	
2063964	Rock	
DUP 2063964	QC	
1775154	Rock	
DUP 1775154	QC	
Reference Materials		
STD AGPROOF	Standard	
STD BVGEO01	Standard	
STD CDN-ME-9A	Standard	<0.01
STD CDN-ME-14A	Standard	3.08
STD CPB-2	Standard	63.38
STD CPB-2	Standard	63.41
STD DS11	Standard	
STD DS11	Standard	
STD DS11	Standard	
STD OREAS262	Standard	
STD OREAS262	Standard	



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QUALITY CONTROL REPORT

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		WGHT	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
		kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
		0.01	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	0.02	1	0.01
STD OREAS262	Standard		0.64	115.11	57.86	153.8	483	62.4	27.0	531	3.38	36.5	1.2	60.1	9.4	35.5	0.64	2.71	0.98	21	2.97	
STD OREAS262	Standard		0.64	113.17	55.47	151.4	480	61.0	27.0	517	3.32	36.2	1.1	84.2	10.0	35.4	0.67	3.86	1.04	21	2.89	
STD OXQ114	Standard																					
STD OXQ132	Standard																					
STD BVGE001 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	
STD AGPROOF Expected																						
STD OXQ114 Expected																						
STD OXQ132 Expected																						
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	
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	
STD CDN-ME-9A Expected																						
STD CDN-ME-14A Expected																						
STD CPB-2 Expected																						
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	0.03	<0.02	<1	<0.01	
BLK	Blank		0.03	0.04	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	
BLK	Blank																					
BLK	Blank		<0.01	0.02	<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	
BLK	Blank																					
Prep Wash																						
ROCK-WHI	Prep Blank		1.06	3.90	2.55	40.7	75	1.8	4.0	411	1.75	2.4	0.4	1.4	2.4	23.4	0.28	0.37	0.07	23	0.62	
ROCK-WHI	Prep Blank		0.76	2.12	1.71	26.0	27	0.9	3.4	391	1.64	1.8	0.4	1.2	2.9	20.9	0.04	0.17	0.05	20	0.62	



QUALITY CONTROL REPORT

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		AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	FA530	AQ370	
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Ag	Pb
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	%
		0.001	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	20	0.01
STD OREAS262	Standard	0.041	16.8	42.9	1.18	256.6	0.004	<20	1.21	0.067	0.31	0.2	3.3	0.46	0.27	180	0.5	0.26	3.6		
STD OREAS262	Standard	0.038	17.1	42.2	1.18	267.8	0.003	<20	1.30	0.070	0.32	0.1	3.2	0.49	0.25	152	0.7	0.24	4.1		
STD OXQ114	Standard																				120
STD OXQ132	Standard																				128
STD BVGE001 Expected		0.0727	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 AGPROOF Expected																					96
STD OXQ114 Expected																					127.1
STD OXQ132 Expected																					128.5
STD DS11 Expected		0.0701	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 OREAS262 Expected		0.04	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		
STD CDN-ME-9A Expected																					0.003
STD CDN-ME-14A Expected																					0.488
STD CPB-2 Expected																					
BLK	Blank	<0.001	<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	<0.001	<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																				<20
BLK	Blank	<0.001	<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																				<0.01
Prep Wash																					
ROCK-WHI	Prep Blank	0.037	6.5	3.0	0.42	63.2	0.074	<20	0.88	0.078	0.08	2.2	2.3	<0.02	0.03	<5	<0.1	<0.02	3.7		
ROCK-WHI	Prep Blank	0.038	6.1	2.3	0.39	56.7	0.067	<20	0.82	0.065	0.08	0.5	2.4	<0.02	<0.02	<5	<0.1	<0.02	3.6		



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QUALITY CONTROL REPORT

WHI20000382.2

		AQ370	GC817
		Zn	Pb
		%	%
		0.01	2
STD OREAS262	Standard		
STD OREAS262	Standard		
STD OXQ114	Standard		
STD OXQ132	Standard		
STD BVGEO01	Expected		
STD AGPROOF	Expected		
STD OXQ114	Expected		
STD OXQ132	Expected		
STD DS11	Expected		
STD OREAS262	Expected		
STD CDN-ME-9A	Expected	0.0096	
STD CDN-ME-14A	Expected	2.97	
STD CPB-2	Expected		63.52
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank	<0.01	
Prep Wash			
ROCK-WHI	Prep Blank		
ROCK-WHI	Prep Blank		