



Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Submitted By: Confirmation & Email Distribution List
Receiving Lab: Canada-Whitehorse
Received: October 29, 2020
Analysis Start: January 12, 2021
Report Date: February 19, 2021
Page: 1 of 6

CERTIFICATE OF ANALYSIS

WHI20000608.1

CLIENT JOB INFORMATION

Project: MacMillan Pass
Shipment ID: FWZ20-BV-024
P.O. Number
Number of Samples: 125

SAMPLE DISPOSAL

RTRN-PLP Return After 90 days
RTRN-RJT Return 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.

Invoice To: Fireweed Zinc Ltd.
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-500	122	Crush, split and pulverize 500g rock to 200 mesh			WHI
SLBHP	3	Sort, label and box pulps			WHI
CRUBW	122	Extra clean rock wash between samples in crusher			WHI
PULSW	122	Extra Wash with Silica between each sample			VAN
AQ270	125	1:1:1 Aqua Regia digestion ICP-ES/ICP-MS analysis	1	Completed	VAN
LF725	125	Li2B4O7/LiBO2 fusion, analysis by XRF		Completed	VAN
TC000	125	Total C/S Analysis by Leco	0.1	Completed	VAN
TC007	125	Graphite and Organic C by Leco After Ignition	0.1	Completed	VAN
TC006	125	Inorganic Carbon	0.2	Completed	VAN
TC010	125	Analysis by Leco after sodium carbonate leach	0.1	Completed	VAN
SHP01	125	Per sample shipping charges for branch shipments			VAN
SPG04	125	Specific Gravity by Picnometry		Completed	VAN

ADDITIONAL COMMENTS

V2O5 from LF725 is Qualitative Data only.



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.



BUREAU MINERAL LABORATORIES
VERITAS Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client:

Fireweed Zinc Ltd.

Suite 1020, 800 Pender Street

Vancouver British Columbia V5C 2V6 Canada

Project:

MacMillan Pass

Report Date:

February 19, 2021

Page:

2 of 6

Part:

1 of 3

CERTIFICATE OF ANALYSIS

WHI20000608.1

	Method Analyte Unit MDL	WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
3205669	Drill Core	3.89	21.3	57.6	737.1	295	6.1	130.8	13.9	58	8.55	345	3.5	1.1	95	3.9	73.0	<0.5	26	0.06	0.046
3205670	Drill Core	2.52	36.3	55.6	478.4	67	3.8	184.3	16.1	83	9.06	170	8.1	1.0	126	6.9	45.8	<0.5	34	0.07	0.055
3205671	Drill Core	3.70	24.2	76.9	384.0	1951	4.2	134.6	12.4	36	3.99	77	7.7	1.1	58	22.6	51.0	<0.5	39	0.02	0.023
3205672	Drill Core	4.04	23.3	71.5	170.3	31	2.9	111.8	10.8	49	2.85	58	5.9	0.9	55	7.3	40.9	<0.5	36	0.02	0.026
3205673	Drill Core	2.74	17.3	93.1	274.2	94	2.7	81.3	15.0	54	5.82	83	4.1	1.0	60	5.9	45.9	<0.5	35	0.03	0.036
3205674	Drill Core	3.19	21.8	80.9	184.4	462	1.3	95.9	10.9	39	3.23	45	14.1	0.9	52	13.6	28.9	<0.5	40	0.02	0.031
3205675	Drill Core	2.07	24.7	115.8	179.9	488	1.1	100.9	15.1	48	4.10	58	22.2	0.9	90	19.7	27.2	<0.5	41	0.03	0.042
3205676	Drill Core	2.24	31.5	248.5	783.6	753	0.6	74.0	10.2	37	2.42	43	135.5	1.0	231	69.4	35.0	<0.5	80	0.07	0.147
3205677	Drill Core	2.50	32.6	140.6	589.2	174	1.1	107.8	12.1	39	4.75	59	129.9	1.0	261	57.5	40.4	<0.5	98	0.06	0.123
3205678	Drill Core	3.16	26.1	74.1	223.9	419	1.2	90.4	8.8	48	3.05	44	56.0	0.6	195	49.6	41.9	<0.5	62	0.05	0.092
3205679	Drill Core	5.14	25.3	64.1	367.8	1075	1.9	120.2	13.5	38	4.01	50	42.3	1.1	126	121.9	30.6	<0.5	54	0.04	0.061
3205680	Rock	0.72	<0.5	0.8	1.5	<5	<0.5	<0.5	<0.5	129	0.10	<5	<0.5	<0.5	67	<0.5	<0.5	<0.5	<10	29.88	0.008
3205681	Drill Core	2.21	14.1	66.1	201.3	2030	2.2	87.4	14.1	48	3.16	41	19.4	0.7	91	50.9	22.0	<0.5	51	0.02	0.037
3205682	Drill Core	2.13	13.1	72.3	182.3	1584	2.4	93.1	14.0	57	3.94	47	16.7	0.7	88	49.1	27.0	<0.5	50	0.03	0.033
3205683	Drill Core	3.27	20.9	112.8	1038.8	38688	4.1	107.5	10.3	67	2.54	37	9.4	0.7	86	561.7	33.6	<0.5	46	0.02	0.037
3205684	Drill Core	2.58	18.2	43.3	194.0	562	0.9	92.9	10.0	43	2.17	37	17.1	1.6	92	171.0	22.7	<0.5	58	0.03	0.043
3205685	Drill Core	2.45	16.4	43.3	133.4	313	0.7	88.1	9.5	41	2.19	37	9.3	1.2	86	44.3	17.3	<0.5	50	0.02	0.031
3205686	Drill Core	2.06	18.8	94.1	286.5	467	1.3	116.8	17.5	53	6.05	76	31.4	0.9	118	52.7	28.7	<0.5	66	0.03	0.053
3205687	Drill Core	3.41	16.5	69.0	213.8	472	0.9	101.6	11.3	46	7.96	46	13.7	0.7	89	40.3	22.1	<0.5	50	0.02	0.027
3205688	Drill Core	4.04	20.6	65.3	196.7	291	1.3	122.0	14.2	48	3.46	64	13.2	1.2	98	23.1	22.7	<0.5	43	0.02	0.029
3205689	Drill Core	3.55	25.7	55.4	151.7	289	1.5	127.4	10.6	41	2.83	57	5.8	1.0	54	14.0	19.6	<0.5	41	0.02	0.026
3205690	Drill Core	3.78	21.5	95.3	185.2	2918	2.3	127.0	16.6	70	3.54	69	4.4	0.9	70	32.1	24.9	<0.5	51	0.02	0.030
3205691	Drill Core	3.26	14.2	51.2	111.7	302	1.4	93.7	11.4	48	3.58	48	5.6	0.8	64	38.1	20.7	<0.5	41	0.02	0.028
3205692	Drill Core	5.47	18.5	61.1	106.0	1703	1.9	96.7	11.4	51	2.68	55	2.3	0.7	50	40.4	24.4	<0.5	39	0.02	0.024
3205693	Drill Core	4.80	18.8	66.1	182.1	128	2.3	105.9	15.7	58	3.66	73	4.3	0.8	58	17.4	34.6	<0.5	39	0.02	0.032
3205694	Drill Core	3.50	17.0	67.0	164.1	139	1.7	102.0	12.7	48	3.78	74	8.2	0.8	152	26.5	35.6	<0.5	64	0.04	0.114
3205695	Drill Core	3.35	30.9	85.8	303.2	191	2.9	80.7	17.1	44	4.89	98	6.1	1.2	44	35.2	72.3	<0.5	32	0.02	0.026
3205696	Drill Core	3.64	40.7	71.3	303.8	54	2.7	155.6	20.1	33	5.35	99	4.6	1.5	65	26.3	67.9	<0.5	37	0.02	0.029
3205697	Drill Core	4.24	27.2	66.0	346.7	50	3.2	132.8	18.7	32	4.64	84	2.8	1.4	112	3.9	65.6	<0.5	37	0.03	0.038
3205698	Drill Core	3.54	30.5	62.8	170.9	81	2.3	181.0	20.6	69	5.78	99	3.3	1.3	83	0.7	80.2	<0.5	40	0.03	0.041



Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client:

Fireweed Zinc Ltd.

Suite 1020, 800 Pender Street

Vancouver British Columbia V5C 2V6 Canada

Project:

MacMillan Pass

Report Date:

February 19, 2021

Page:

2 of 6

Part:

2 of 3

CERTIFICATE OF ANALYSIS

WHI20000608.1

	Method Analyte Unit MDL	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF725	LF725	LF725	LF725	LF725
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	SiO2	Al2O3	Fe2O3	CaO	MgO
		ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	%	%
		0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01	0.01	0.01	0.01	0.01
3205669	Drill Core	2.9	18.7	<0.01	239	<0.001	0.24	<0.01	0.07	<0.5	2.72	1.2	6.8	9.50	<5	4	68.51	6.56	11.99	0.09	0.11
3205670	Drill Core	3.9	32.1	0.01	256	0.001	0.28	<0.01	0.08	<0.5	1.83	1.7	2.2	10.13	<5	7	66.21	7.95	12.92	0.11	0.15
3205671	Drill Core	2.5	19.0	0.01	307	0.001	0.32	<0.01	0.10	<0.5	5.33	2.0	3.1	4.42	<5	11	75.72	8.96	5.54	0.03	0.16
3205672	Drill Core	2.1	17.9	0.01	271	<0.001	0.32	<0.01	0.09	<0.5	1.51	2.0	2.4	3.04	<5	10	80.59	7.18	4.14	0.04	0.14
3205673	Drill Core	2.3	18.2	0.01	242	0.003	0.32	<0.01	0.10	<0.5	2.48	2.2	4.2	6.40	<5	10	72.71	7.91	8.05	0.04	0.15
3205674	Drill Core	2.4	21.1	0.01	220	<0.001	0.30	<0.01	0.08	<0.5	2.17	3.7	1.8	3.53	<5	9	80.38	7.28	4.58	0.03	0.17
3205675	Drill Core	3.0	27.6	0.01	239	<0.001	0.35	<0.01	0.10	<0.5	2.33	3.5	2.3	4.42	<5	5	76.96	7.75	5.59	0.04	0.14
3205676	Drill Core	7.3	70.4	<0.01	262	0.001	0.48	<0.01	0.06	0.5	2.28	16.6	1.7	2.46	15	5	82.50	6.04	3.50	0.11	0.11
3205677	Drill Core	10.7	88.5	<0.01	275	<0.001	0.45	<0.01	0.05	<0.5	2.04	14.0	1.5	5.19	14	13	75.34	6.18	6.78	0.09	0.11
3205678	Drill Core	6.7	57.2	<0.01	288	<0.001	0.36	<0.01	0.06	<0.5	2.18	7.7	1.4	2.97	5	7	81.42	5.37	4.22	0.08	0.14
3205679	Drill Core	5.6	36.0	0.01	616	<0.001	0.38	<0.01	0.09	<0.5	3.77	6.6	2.3	4.35	7	7	75.77	7.19	5.51	0.06	0.17
3205680	Rock	1.3	<0.5	0.75	12	0.002	0.03	<0.01	<0.01	<0.5	0.10	<0.5	<0.5	<0.05	<5	<2	13.50	0.52	0.21	46.31	3.77
3205681	Drill Core	2.8	23.4	0.01	575	<0.001	0.34	<0.01	0.09	<0.5	4.85	4.2	1.4	3.44	<5	7	75.94	8.37	4.45	0.04	0.19
3205682	Drill Core	2.8	23.4	0.01	573	0.001	0.32	<0.01	0.08	<0.5	4.07	3.8	1.6	4.35	<5	7	74.74	7.91	5.60	0.05	0.19
3205683	Drill Core	2.8	24.3	0.01	543	<0.001	0.30	<0.01	0.07	<0.5	92.28	4.0	2.1	4.52	<5	18	75.89	5.82	3.65	0.03	0.15
3205684	Drill Core	5.0	33.3	0.01	482	<0.001	0.30	<0.01	0.08	<0.5	2.85	4.4	1.8	2.19	6	3	80.47	6.09	3.16	0.05	0.15
3205685	Drill Core	3.0	24.0	<0.01	550	<0.001	0.28	<0.01	0.08	<0.5	2.44	3.3	1.8	2.21	<5	3	80.36	6.31	3.17	0.03	0.14
3205686	Drill Core	3.7	39.1	<0.01	634	<0.001	0.36	<0.01	0.08	<0.5	4.39	6.2	2.8	6.63	7	7	70.35	7.64	8.38	0.04	0.16
3205687	Drill Core	2.1	17.4	0.01	424	<0.001	0.31	<0.01	0.09	<0.5	4.00	3.3	3.5	8.68	<5	11	67.82	6.85	11.07	0.04	0.15
3205688	Drill Core	2.7	21.6	0.01	730	0.001	0.35	<0.01	0.10	<0.5	2.88	3.7	2.8	3.70	<5	5	76.09	7.40	4.88	0.03	0.17
3205689	Drill Core	2.6	17.9	0.01	562	<0.001	0.28	<0.01	0.08	<0.5	2.43	2.5	2.4	2.93	<5	5	79.18	6.10	4.15	0.02	0.14
3205690	Drill Core	2.0	20.1	0.01	726	0.001	0.37	<0.01	0.10	<0.5	7.33	2.1	2.4	3.95	<5	11	73.70	8.80	5.01	0.03	0.20
3205691	Drill Core	2.2	20.2	0.01	809	<0.001	0.29	<0.01	0.07	<0.5	1.92	3.0	2.2	3.84	<5	6	79.01	5.77	5.02	0.03	0.13
3205692	Drill Core	1.8	19.4	0.01	742	<0.001	0.29	<0.01	0.08	<0.5	3.81	1.9	2.3	2.84	<5	7	79.05	6.46	3.89	0.03	0.15
3205693	Drill Core	2.4	25.6	0.01	1078	0.001	0.36	<0.01	0.09	<0.5	1.86	3.4	2.8	3.86	<5	7	75.99	7.68	5.10	0.03	0.15
3205694	Drill Core	2.8	39.7	0.01	768	0.003	0.50	<0.01	0.10	<0.5	1.54	5.0	1.9	4.03	<5	8	72.48	8.45	5.17	0.06	0.16
3205695	Drill Core	3.0	30.4	0.01	1046	0.002	0.44	<0.01	0.10	<0.5	2.83	3.7	3.0	5.32	<5	5	73.94	8.02	6.93	0.04	0.15
3205696	Drill Core	3.8	35.4	0.01	778	0.001	0.48	<0.01	0.11	<0.5	2.44	4.7	3.9	5.84	<5	7	68.36	10.19	7.49	0.04	0.20
3205697	Drill Core	3.6	32.5	0.02	432	0.001	0.47	<0.01	0.10	<0.5	2.06	6.3	3.6	5.10	<5	7	68.99	9.25	6.63	0.04	0.20
3205698	Drill Core	3.2	18.8	0.01	566	0.001	0.55	<0.01	0.12	0.9	1.86	2.7	4.7	6.31	<5	6	67.56	10.59	8.11	0.05	0.20



Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client:

Fireweed Zinc Ltd.

Suite 1020, 800 Pender Street

Vancouver British Columbia V5C 2V6 Canada

Project:

MacMillan Pass

Report Date:

February 19, 2021

Page:

2 of 6

Part: 3 of 3

CERTIFICATE OF ANALYSIS

WHI20000608.1

	Method Analyte Unit MDL	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC000	TC000	TC005	TC005	TC006	TC010	TC010	SPG04
		K2O	MnO	TiO2	P2O5	Cr2O3	Ba	Cu	Pb	Zn	LOI	SUM_T	V2O5	TOT/C	TOT/S	C/ORG	C/GRA	CO2	S/S-	SO4	Density
		%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g/cm3
		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-5.11	0.01	0.01	0.02	0.02	0.02	0.02	0.08	0.02	0.15
3205669	Drill Core	0.72	<0.01	0.41	0.12	<0.01	0.27	<0.01	0.05	0.03	9.31	98.32	0.06	2.15	9.78	2.11	0.05	<0.08	7.20	7.73	2.93
3205670	Drill Core	0.87	0.02	0.55	0.15	0.01	0.32	<0.01	0.02	<0.01	10.46	99.90	0.07	2.48	10.44	2.38	0.09	<0.08	8.33	6.32	2.95
3205671	Drill Core	1.00	<0.01	0.41	0.08	<0.01	0.35	<0.01	0.02	0.19	6.39	99.09	0.08	1.99	4.68	1.94	0.05	<0.08	3.06	4.85	2.79
3205672	Drill Core	0.87	<0.01	0.32	0.08	<0.01	0.29	<0.01	<0.01	<0.01	5.93	99.73	0.07	2.61	3.37	2.53	0.09	<0.08	2.12	3.74	2.78
3205673	Drill Core	0.95	<0.01	0.36	0.10	<0.01	0.28	<0.01	0.01	<0.01	8.30	99.03	0.06	2.83	6.57	2.77	0.05	<0.08	4.43	6.40	2.86
3205674	Drill Core	0.83	<0.01	0.32	0.09	0.01	0.24	<0.01	<0.01	0.05	5.58	99.70	0.07	1.92	3.77	1.86	0.05	<0.08	2.46	3.92	2.79
3205675	Drill Core	0.93	<0.01	0.35	0.12	<0.01	0.27	<0.01	<0.01	0.04	6.45	98.83	0.05	2.18	4.60	2.11	0.06	<0.08	2.68	5.76	2.77
3205676	Drill Core	0.60	<0.01	0.26	0.33	0.02	0.19	0.02	0.06	0.08	5.72	99.67	0.06	2.65	2.73	2.52	0.12	<0.08	1.63	3.29	2.72
3205677	Drill Core	0.62	0.01	0.26	0.31	0.01	0.24	<0.01	0.04	0.02	8.04	98.16	0.09	2.99	5.60	2.92	0.07	<0.08	3.61	5.97	2.79
3205678	Drill Core	0.69	<0.01	0.20	0.23	0.01	0.29	<0.01	<0.01	0.04	5.45	98.24	0.07	2.27	3.12	2.19	0.07	<0.08	2.07	3.14	2.74
3205679	Drill Core	1.09	<0.01	0.32	0.19	0.01	0.77	<0.01	0.02	0.10	7.08	98.52	0.07	2.96	4.57	2.78	0.18	<0.08	3.07	4.49	2.76
3205680	Rock	0.05	0.02	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	35.41	100.05	<0.01	9.94	<0.02	0.50	<0.02	34.61	<0.02	<0.15	2.78
3205681	Drill Core	1.27	<0.01	0.39	0.21	<0.01	0.98	<0.01	<0.01	0.20	6.68	99.02	0.10	2.91	3.66	2.55	0.37	<0.08	2.24	4.25	2.79
3205682	Drill Core	1.20	0.02	0.39	0.20	0.01	0.91	<0.01	<0.01	0.16	7.29	98.91	0.09	2.96	4.62	2.63	0.33	<0.08	3.00	4.84	2.81
3205683	Drill Core	0.80	0.02	0.26	0.12	<0.01	0.65	<0.01	0.09	3.76	7.12	99.46	0.06	3.23	4.80	3.19	0.04	<0.08	2.99	5.43	2.81
3205684	Drill Core	0.89	0.01	0.27	0.12	0.03	0.67	<0.01	<0.01	0.06	7.54	99.69	0.07	4.70	2.51	3.63	1.07	<0.08	1.48	3.10	2.72
3205685	Drill Core	0.94	<0.01	0.29	0.12	<0.01	0.74	<0.01	<0.01	0.03	7.15	99.49	0.07	4.38	2.50	3.54	0.84	<0.08	1.45	3.14	2.71
3205686	Drill Core	1.09	0.01	0.34	0.19	<0.01	0.96	<0.01	0.02	0.05	9.52	98.99	0.08	3.80	6.96	3.49	0.30	<0.08	4.26	8.08	2.83
3205687	Drill Core	1.05	0.01	0.34	0.17	<0.01	0.86	<0.01	<0.01	0.04	10.39	99.00	0.07	3.55	8.92	3.36	0.19	<0.08	6.44	7.44	2.88
3205688	Drill Core	1.13	<0.01	0.32	0.17	<0.01	0.91	<0.01	<0.01	0.02	7.77	99.10	0.06	3.88	3.91	3.30	0.57	<0.08	2.49	4.24	2.74
3205689	Drill Core	0.93	0.01	0.28	0.09	<0.01	0.76	<0.01	<0.01	0.03	7.38	99.24	0.06	4.17	3.30	3.60	0.58	<0.08	1.82	4.42	2.71
3205690	Drill Core	1.33	0.01	0.42	0.13	0.01	1.14	<0.01	<0.01	0.29	7.71	99.09	0.08	3.39	4.21	3.20	0.19	<0.08	2.69	4.57	2.80
3205691	Drill Core	0.83	<0.01	0.26	0.13	<0.01	0.78	<0.01	<0.01	0.03	6.88	99.03	0.05	3.28	3.98	2.92	0.35	<0.08	2.44	4.61	2.79
3205692	Drill Core	0.94	0.01	0.30	0.08	<0.01	0.91	<0.01	<0.01	0.17	6.80	99.01	0.06	3.52	3.16	3.20	0.32	<0.08	1.89	3.81	2.75
3205693	Drill Core	1.09	0.01	0.37	0.10	<0.01	1.33	<0.01	<0.01	0.01	7.37	99.50	0.06	3.51	4.05	3.11	0.39	<0.08	2.40	4.94	2.78
3205694	Drill Core	1.14	<0.01	0.38	0.29	0.01	1.89	<0.01	<0.01	0.01	7.65	98.01	0.08	3.09	4.40	2.70	0.40	<0.08	2.89	4.52	2.79
3205695	Drill Core	1.11	<0.01	0.38	0.08	<0.01	1.59	<0.01	0.02	0.02	7.06	99.62	0.04	2.33	5.67	2.22	0.11	<0.08	3.07	7.78	2.83
3205696	Drill Core	1.41	<0.01	0.49	0.09	<0.01	2.04	<0.01	0.02	<0.01	8.25	98.96	0.05	2.65	6.16	2.59	0.05	<0.08	3.75	7.22	2.86
3205697	Drill Core	1.19	<0.01	0.46	0.11	<0.01	3.81	<0.01	0.01	<0.01	7.65	98.92	0.04	2.15	5.91	2.11	0.03	<0.08	3.17	8.23	2.84
3205698	Drill Core	1.42	<0.01	0.59	0.14	0.02	2.20	<0.01	<0.01	<0.01	7.79	99.08	0.07	2.07	6.67	1.99	0.08	<0.08	4.79	5.65	2.93



BUREAU MINERAL LABORATORIES
VERITAS Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client:

Fireweed Zinc Ltd.

Suite 1020, 800 Pender Street

Vancouver British Columbia V5C 2V6 Canada

Project:

MacMillan Pass

Report Date:

February 19, 2021

Page:

3 of 6

Part:

1 of 3

CERTIFICATE OF ANALYSIS

WHI20000608.1

	Method	Analyte	Unit	MDL	WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270			
					Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
					kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
					0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
3205699	Drill Core	2.59	15.8	32.2	96.4	42	0.9	89.8	14.5	57	2.52	41	12.0	1.0	189	18.8	29.7	<0.5	53	0.03	0.054			
3205700	Rock Pulp	0.05	2.8	320.0	>40000	105760	98.1	23.4	23.9	1289	7.82	148	1.3	5.4	16	326.6	167.7	<0.5	<10	3.72	0.044			
3205701	Drill Core	2.43	48.7	48.1	151.3	289	1.0	127.4	12.1	82	3.28	61	18.1	0.9	163	81.0	49.2	<0.5	74	0.02	0.043			
3205702	Drill Core	1.75	43.0	41.5	137.7	267	0.7	100.7	8.5	84	2.38	45	19.6	0.7	151	107.0	34.2	<0.5	67	0.02	0.041			
3205703	Drill Core	4.54	33.3	76.9	172.4	90	1.3	168.6	14.7	83	6.04	58	6.8	1.5	66	13.7	74.6	<0.5	44	0.01	0.015			
3205704	Drill Core	3.43	32.3	58.5	147.3	95	1.2	147.5	14.5	76	4.86	61	4.3	1.7	58	0.5	71.0	<0.5	33	0.01	0.007			
3205705	Drill Core	4.18	26.7	48.1	227.1	3743	1.9	114.9	10.2	72	8.32	91	2.9	1.0	68	23.3	73.9	<0.5	41	0.01	0.016			
3205706	Drill Core	5.38	21.8	34.5	423.8	6536	2.6	130.3	10.5	91	12.25	165	2.2	<0.5	117	33.4	88.9	<0.5	42	0.06	0.033			
3205707	Drill Core	3.42	16.1	44.1	873.5	17288	5.4	126.5	10.0	82	13.09	310	2.6	0.6	90	48.2	153.5	<0.5	41	0.04	0.027			
3205708	Drill Core	4.84	28.3	49.4	827.2	16137	5.4	130.1	10.0	72	11.55	273	2.9	0.7	95	52.1	135.6	<0.5	49	0.03	0.021			
3205709	Drill Core	5.00	27.0	61.9	1622.4	7016	6.6	143.4	12.6	69	6.40	108	2.8	0.9	116	34.5	98.8	<0.5	53	0.03	0.019			
3205710	Drill Core	3.97	16.6	39.8	1490.5	3473	4.5	116.0	10.5	65	4.40	74	1.7	0.5	46	19.7	67.0	<0.5	37	0.01	0.007			
3205711	Drill Core	4.10	23.0	47.8	1190.0	736	4.1	208.1	20.4	116	10.85	133	2.6	0.5	171	8.8	84.6	<0.5	46	0.05	0.034			
3205712	Drill Core	4.82	32.0	60.8	1325.5	44	5.1	331.6	37.9	145	10.86	199	2.4	0.6	154	0.7	112.6	<0.5	54	0.03	0.026			
3205713	Drill Core	4.75	31.5	62.5	310.4	31	3.4	305.3	32.4	140	6.81	124	2.8	0.7	174	<0.5	76.7	<0.5	71	0.03	0.026			
3205714	Drill Core	4.24	22.3	54.5	257.8	32	3.1	202.9	18.6	92	6.56	103	2.0	<0.5	174	0.6	75.2	<0.5	54	0.03	0.025			
3205715	Drill Core	5.17	18.2	50.4	583.0	127	4.8	140.3	12.9	83	14.04	248	1.8	<0.5	298	1.2	134.9	<0.5	59	0.10	0.067			
3205716	Drill Core	4.07	17.3	43.6	191.2	29	2.1	102.9	7.4	86	4.68	83	1.6	<0.5	286	<0.5	57.1	<0.5	62	0.07	0.054			
3205717	Drill Core	3.97	39.4	43.5	169.5	24	2.3	122.0	9.2	84	5.79	60	4.3	0.6	167	<0.5	59.9	<0.5	49	0.03	0.024			
3205718	Drill Core	4.43	35.7	43.2	120.4	26	1.9	107.4	9.6	79	4.24	42	2.7	<0.5	165	<0.5	47.1	<0.5	43	0.02	0.019			
3205719	Drill Core	4.20	68.6	60.0	206.9	29	2.4	137.9	8.9	90	5.85	74	4.5	0.7	160	<0.5	73.3	<0.5	60	0.05	0.024			
3205720	Rock Pulp	0.05	4.3	473.8	34816.4	49091	58.0	18.3	46.4	2199	7.40	151	1.4	5.7	23	172.6	46.9	<0.5	11	4.87	0.057			
3205721	Drill Core	2.22	91.7	64.4	238.9	19	2.7	207.6	13.5	91	6.46	89	7.6	0.6	161	<0.5	88.7	<0.5	67	0.02	0.019			
3205722	Drill Core	1.62	84.9	77.7	279.3	28	3.1	201.7	13.2	100	7.54	99	7.3	0.6	165	<0.5	97.0	<0.5	72	0.03	0.022			
3205723	Drill Core	4.50	38.4	75.5	174.8	27	2.7	262.4	31.3	130	5.95	68	4.9	<0.5	103	<0.5	83.0	<0.5	68	0.01	0.008			
3205724	Drill Core	5.36	43.9	84.8	261.3	38	3.3	386.4	37.5	198	10.37	85	3.3	<0.5	143	<0.5	108.5	<0.5	75	0.03	0.020			
3205725	Drill Core	4.62	33.0	75.1	249.5	29	3.1	283.9	34.1	140	14.85	90	3.3	<0.5	125	<0.5	102.8	<0.5	50	0.04	0.023			
3205726	Drill Core	4.00	59.7	60.7	206.3	36	2.8	322.1	24.8	136	6.82	105	4.0	<0.5	295	<0.5	103.3	<0.5	145	0.08	0.055			
3205727	Drill Core	4.09	42.3	64.7	188.7	32	3.4	404.6	35.7	225	10.48	122	3.2	<0.5	167	<0.5	101.9	<0.5	100	0.05	0.031			
3205728	Drill Core	3.96	42.7	45.5	178.8	23	2.3	276.3	21.4	110	7.37	116	3.1	<0.5	132	<0.5	82.2	<0.5	77	0.03	0.021			



BUREAU MINERAL LABORATORIES
VERITAS Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client:

Fireweed Zinc Ltd.

Suite 1020, 800 Pender Street

Vancouver British Columbia V5C 2V6 Canada

Project:

MacMillan Pass

Report Date:

February 19, 2021

Page:

3 of 6

Part:

2 of 3

CERTIFICATE OF ANALYSIS

WHI20000608.1

	Method Analyte Unit MDL	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF725	LF725	LF725	LF725	LF725
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	SiO2	Al2O3	Fe2O3	CaO	MgO
		ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	%	%
		0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01	0.01	0.01	0.01	0.01
3205699	Drill Core	3.0	25.1	0.01	2005	0.002	0.63	<0.01	0.14	1.0	0.88	4.9	2.0	2.59	<5	3	74.84	10.41	3.69	0.06	0.18
3205700	Rock Pulp	17.9	12.2	2.08	85	0.011	0.75	<0.01	0.50	<0.5	4.48	2.8	46.2	10.68	<5	<2	33.96	6.92	11.31	5.34	3.83
3205701	Drill Core	2.9	26.4	0.01	1273	0.002	0.46	<0.01	0.10	0.7	1.39	4.9	2.4	3.28	<5	5	74.25	9.30	4.74	0.05	0.18
3205702	Drill Core	2.3	24.6	<0.01	1278	0.001	0.39	<0.01	0.08	0.7	0.85	3.8	1.6	2.24	<5	4	80.48	6.41	3.53	0.04	0.13
3205703	Drill Core	2.8	18.5	0.01	480	0.001	0.47	<0.01	0.12	<0.5	1.44	2.3	3.1	6.61	<5	7	68.19	9.96	8.59	0.04	0.17
3205704	Drill Core	3.4	12.9	0.01	402	0.001	0.59	<0.01	0.14	<0.5	1.58	1.7	3.7	5.19	<5	5	70.50	10.06	6.90	0.03	0.17
3205705	Drill Core	2.2	17.7	0.01	212	0.001	0.46	<0.01	0.11	<0.5	8.31	1.3	3.6	9.23	<5	5	66.84	8.29	11.93	0.03	0.15
3205706	Drill Core	1.5	30.9	<0.01	169	0.001	0.25	<0.01	0.06	<0.5	13.68	0.7	5.3	13.53	<5	6	64.81	3.80	17.47	0.09	0.07
3205707	Drill Core	2.0	24.8	<0.01	117	0.001	0.34	<0.01	0.09	<0.5	30.57	0.8	9.1	15.16	<5	5	57.88	5.50	18.36	0.07	0.10
3205708	Drill Core	2.0	22.2	<0.01	157	0.001	0.39	<0.01	0.10	<0.5	28.34	0.9	9.4	13.35	<5	5	60.75	6.43	16.48	0.05	0.12
3205709	Drill Core	2.0	22.0	0.01	322	0.001	0.50	<0.01	0.13	<0.5	16.56	1.1	6.8	7.32	<5	11	66.93	9.61	8.95	0.06	0.16
3205710	Drill Core	1.0	21.4	<0.01	636	<0.001	0.32	<0.01	0.09	<0.5	10.65	0.8	4.7	4.78	<5	8	77.66	6.31	6.16	0.03	0.10
3205711	Drill Core	1.3	40.8	<0.01	203	0.003	0.38	<0.01	0.10	<0.5	5.01	1.3	2.2	11.68	<5	5	61.89	6.92	15.42	0.09	0.12
3205712	Drill Core	1.5	65.5	<0.01	158	0.002	0.40	<0.01	0.10	<0.5	4.15	1.8	3.2	11.83	<5	6	60.37	7.98	15.66	0.07	0.11
3205713	Drill Core	1.3	49.5	<0.01	411	0.002	0.39	<0.01	0.09	<0.5	3.00	1.9	2.3	7.14	<5	7	69.67	7.26	9.53	0.06	0.10
3205714	Drill Core	1.2	32.6	<0.01	592	0.003	0.34	<0.01	0.09	<0.5	2.21	1.3	2.0	7.18	<5	6	72.24	6.38	9.66	0.06	0.09
3205715	Drill Core	1.4	43.0	<0.01	125	0.002	0.30	<0.01	0.08	<0.5	3.52	1.0	3.7	15.27	<5	7	59.63	4.27	20.16	0.16	0.07
3205716	Drill Core	1.3	27.9	<0.01	714	0.001	0.27	<0.01	0.07	<0.5	1.78	0.8	1.5	4.68	<5	4	80.10	3.86	6.61	0.11	0.07
3205717	Drill Core	1.7	18.9	<0.01	646	0.001	0.33	<0.01	0.09	<0.5	1.59	1.0	1.4	6.19	<5	5	72.76	6.31	8.25	0.06	0.11
3205718	Drill Core	1.3	14.8	0.01	841	0.001	0.40	<0.01	0.13	<0.5	1.28	1.2	1.5	4.48	<5	5	72.79	8.74	6.05	0.06	0.17
3205719	Drill Core	2.3	18.0	0.03	577	0.005	0.33	<0.01	0.09	<0.5	1.78	1.0	2.2	6.13	<5	6	73.50	5.82	8.31	0.18	0.18
3205720	Rock Pulp	20.8	16.6	2.68	232	0.017	1.10	0.02	0.72	<0.5	0.74	2.6	42.5	7.73	<5	<2	38.21	7.68	10.83	6.90	4.86
3205721	Drill Core	2.4	18.4	0.01	596	0.002	0.31	<0.01	0.09	<0.5	1.91	1.5	2.6	6.94	<5	8	69.47	7.01	9.01	0.06	0.14
3205722	Drill Core	2.2	19.4	0.01	432	0.002	0.31	<0.01	0.09	<0.5	2.65	1.4	2.6	8.07	<5	9	67.50	6.60	10.84	0.06	0.13
3205723	Drill Core	1.2	25.2	0.01	693	0.001	0.37	<0.01	0.11	<0.5	1.85	2.6	1.7	6.43	<5	9	63.65	12.66	8.42	0.05	0.16
3205724	Drill Core	1.0	36.0	0.01	285	0.002	0.38	<0.01	0.11	<0.5	1.96	2.7	1.7	11.33	<5	10	56.51	10.56	14.68	0.07	0.14
3205725	Drill Core	0.7	34.3	0.01	142	0.002	0.33	<0.01	0.09	<0.5	1.46	2.2	1.6	16.47	<5	9	47.41	10.99	21.37	0.09	0.13
3205726	Drill Core	1.1	43.1	0.02	442	0.001	0.41	<0.01	0.11	<0.5	1.54	2.8	1.9	7.37	<5	17	63.98	8.44	9.74	0.15	0.17
3205727	Drill Core	0.8	42.0	<0.01	264	0.001	0.33	<0.01	0.10	<0.5	2.45	2.2	1.7	11.59	<5	12	58.34	9.48	14.96	0.10	0.14
3205728	Drill Core	0.8	33.7	<0.01	501	0.001	0.29	<0.01	0.08	<0.5	1.16	1.6	1.6	7.94	<5	9	68.12	7.55	10.45	0.07	0.11



BUREAU MINERAL LABORATORIES
VERITAS Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client:

Fireweed Zinc Ltd.

Suite 1020, 800 Pender Street

Vancouver British Columbia V5C 2V6 Canada

Project:

MacMillan Pass

Report Date:

February 19, 2021

Page:

3 of 6

Part: 3 of 3

CERTIFICATE OF ANALYSIS

WHI20000608.1

Method Analyte Unit MDL		LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC000	TC000	TC005	TC005	TC006	TC010	TC010	SPG04
		K2O	MnO	TiO2	P2O5	Cr2O3	Ba	Cu	Pb	Zn	LOI	SUM_T	V2O5	TOT/C	TOT/S	C/ORG	C/GRA	CO2	S/S-	SO4	Density
		%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g/cm3
		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-5.11	0.01	0.01	0.02	0.02	0.02	0.02	0.08	0.02	0.15
3205699	Drill Core	1.45	<0.01	0.76	0.25	0.03	2.02	<0.01	<0.01	<0.01	4.75	98.81	0.07	1.30	2.87	1.16	0.14	<0.08	1.88	2.95	2.85
3205700	Rock Pulp	3.51	0.17	0.22	0.09	0.01	0.08	0.03	4.83	10.70	15.09	99.36	0.01	2.45	11.31	0.39	<0.02	7.52	3.24	24.18	3.27
3205701	Drill Core	1.27	0.01	0.54	0.38	0.02	1.79	<0.01	0.02	0.03	6.84	99.74	0.10	2.83	3.61	2.57	0.25	<0.08	2.23	4.13	2.82
3205702	Drill Core	0.88	0.01	0.36	0.37	0.02	1.19	<0.01	0.02	0.02	5.59	99.25	0.07	3.15	2.26	2.86	0.29	<0.08	1.56	2.12	2.74
3205703	Drill Core	1.37	0.01	0.51	0.11	<0.01	1.98	<0.01	0.03	<0.01	8.19	99.50	0.06	2.71	6.50	2.63	0.07	<0.08	6.22	0.83	2.88
3205704	Drill Core	1.38	<0.01	0.49	0.06	<0.01	1.97	<0.01	<0.01	<0.01	7.03	98.94	0.06	2.34	5.31	2.32	0.03	<0.08	4.22	3.26	2.84
3205705	Drill Core	1.13	0.02	0.42	0.13	<0.01	1.52	<0.01	0.03	0.37	8.82	100.04	0.06	1.93	9.73	1.89	0.04	<0.08	7.63	6.29	2.95
3205706	Drill Core	0.47	0.01	0.40	0.15	0.01	0.61	<0.01	0.06	0.64	11.14	100.00	0.05	2.09	14.15	2.07	0.03	<0.08	11.13	9.05	3.05
3205707	Drill Core	0.76	<0.01	0.39	0.10	0.01	0.89	<0.01	0.08	1.63	12.15	98.52	0.05	2.02	15.62	1.97	0.04	<0.08	13.20	7.25	3.16
3205708	Drill Core	0.91	0.01	0.38	0.16	<0.01	1.12	<0.01	0.08	1.58	11.42	100.12	0.06	2.19	13.79	2.14	0.04	<0.08	11.72	6.20	3.10
3205709	Drill Core	1.31	0.01	0.54	0.21	0.01	1.65	<0.01	0.17	0.67	8.56	99.31	0.09	2.65	7.34	2.61	0.04	<0.08	6.07	3.81	2.91
3205710	Drill Core	0.86	<0.01	0.35	0.08	0.01	1.05	<0.01	0.15	0.34	5.94	99.35	0.06	2.09	4.97	2.05	0.04	<0.08	3.89	3.23	2.82
3205711	Drill Core	0.96	0.02	0.65	0.38	0.03	1.08	<0.01	0.13	0.07	10.79	98.77	0.07	2.28	12.46	2.25	0.03	<0.08	11.00	4.37	3.03
3205712	Drill Core	1.03	0.02	0.94	0.43	0.05	1.35	<0.01	0.13	<0.01	11.12	99.51	0.08	2.24	12.79	2.21	0.04	<0.08	11.14	4.94	3.04
3205713	Drill Core	0.93	0.02	0.96	0.44	0.04	1.17	<0.01	0.04	<0.01	8.34	98.78	0.11	2.60	7.43	2.55	0.06	<0.08	6.62	2.44	2.90
3205714	Drill Core	0.84	0.02	0.59	0.46	0.02	0.96	<0.01	0.03	<0.01	7.80	99.35	0.08	2.19	7.59	2.14	0.04	<0.08	6.30	3.89	2.89
3205715	Drill Core	0.55	0.01	0.39	0.55	0.02	0.62	<0.01	0.07	0.01	12.22	98.81	0.06	1.65	16.17	1.61	0.03	<0.08	12.52	10.94	3.13
3205716	Drill Core	0.50	0.02	0.26	0.59	<0.01	0.56	<0.01	0.03	<0.01	6.85	99.67	0.07	3.41	4.74	3.29	0.12	<0.08	4.04	2.10	2.76
3205717	Drill Core	0.88	<0.01	0.36	0.43	0.01	0.87	<0.01	0.03	<0.01	8.73	98.99	0.08	3.84	6.42	3.76	0.08	<0.08	5.26	3.48	2.87
3205718	Drill Core	1.28	0.01	0.45	0.51	0.01	1.05	<0.01	0.02	<0.01	7.58	98.94	0.08	3.31	4.50	3.18	0.12	<0.08	3.96	1.63	2.84
3205719	Drill Core	0.81	0.02	0.38	0.32	<0.01	0.64	<0.01	0.02	<0.01	8.85	99.22	0.09	4.14	6.28	3.97	0.17	<0.08	5.49	2.38	2.85
3205720	Rock Pulp	3.57	0.28	0.26	0.12	<0.01	0.08	0.04	3.50	4.94	16.35	99.29	<0.01	3.38	7.79	0.52	<0.02	10.44	3.17	13.85	3.11
3205721	Drill Core	0.98	0.01	0.50	0.37	0.01	0.72	<0.01	0.02	<0.01	10.71	99.20	0.14	5.34	7.02	5.15	0.18	<0.08	5.81	3.62	2.85
3205722	Drill Core	0.88	0.01	0.47	0.38	0.01	0.69	<0.01	0.04	<0.01	11.26	99.03	0.13	5.17	8.37	5.05	0.12	<0.08	7.43	2.83	2.91
3205723	Drill Core	1.41	0.02	0.99	0.40	0.03	1.17	<0.01	0.02	<0.01	9.68	98.96	0.17	3.48	6.48	3.38	0.10	<0.08	5.95	1.56	2.89
3205724	Drill Core	1.27	0.03	1.22	0.52	0.05	0.98	<0.01	0.03	<0.01	12.74	99.03	0.15	3.92	11.85	3.87	0.05	<0.08	9.96	5.66	3.07
3205725	Drill Core	1.10	0.02	1.16	0.45	0.04	0.86	<0.01	0.04	<0.01	15.31	99.20	0.11	2.81	17.39	2.78	0.03	<0.08	14.40	8.96	3.21
3205726	Drill Core	1.08	0.02	0.86	0.84	0.05	0.74	<0.01	0.02	<0.01	12.28	98.54	0.24	6.14	7.58	5.99	0.15	<0.08	6.84	2.22	3.01
3205727	Drill Core	1.13	0.03	1.05	0.58	0.06	0.78	<0.01	0.02	<0.01	12.63	99.48	0.21	3.70	11.79	3.66	0.04	<0.08	9.97	5.46	3.11
3205728	Drill Core	0.86	0.02	0.70	0.46	0.03	0.56	<0.01	0.02	<0.01	9.82	98.89	0.16	3.59	8.24	3.54	0.06	<0.08	6.90	4.03	2.94



Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client:

Fireweed Zinc Ltd.

Suite 1020, 800 Pender Street

Vancouver British Columbia V5C 2V6 Canada

Project:

MacMillan Pass

Report Date:

February 19, 2021

Page:

4 of 6

Part:

1 of 3

CERTIFICATE OF ANALYSIS

WHI20000608.1

	Method Analyte Unit MDL	WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
3205729	Drill Core	4.50	93.6	43.6	181.5	29	1.7	231.1	10.1	83	7.32	132	4.2	<0.5	116	<0.5	85.0	<0.5	119	0.01	0.015
3205730	Drill Core	3.62	41.0	60.3	263.3	65	2.9	222.4	16.3	80	6.08	106	3.4	<0.5	90	0.7	140.1	<0.5	73	0.01	0.013
3205731	Drill Core	5.79	3.5	66.4	6424.4	14399	8.3	654.1	109.0	51	11.52	159	2.6	0.7	496	84.3	262.7	<0.5	31	0.17	0.102
3205732	Drill Core	5.03	7.6	71.8	8826.4	11668	10.0	634.4	83.7	67	16.82	268	0.9	0.7	330	40.3	225.6	<0.5	23	0.14	0.079
3205733	Drill Core	5.66	3.6	81.4	>40000	26219	56.8	831.5	100.3	72	15.80	389	1.2	0.7	932	88.7	379.1	<0.5	38	0.41	0.225
3205734	Drill Core	6.00	36.7	97.4	13215.5	66361	26.3	305.7	21.6	143	25.08	359	10.4	<0.5	35	249.5	230.8	<0.5	69	0.01	0.013
3205735	Drill Core	6.61	22.7	91.7	12453.8	47407	26.1	311.2	25.3	99	29.79	416	7.8	<0.5	41	165.7	232.4	<0.5	61	0.01	0.014
3205736	Drill Core	6.33	20.5	67.0	17585.3	17899	31.8	486.7	39.9	98	31.94	652	8.6	0.5	128	66.6	269.5	<0.5	46	0.07	0.043
3205737	Drill Core	6.55	6.5	70.2	15046.9	33899	31.1	465.2	46.8	81	31.19	525	3.2	2.6	171	110.9	213.6	<0.5	29	0.13	0.062
3205738	Drill Core	6.31	24.4	76.8	5174.3	22084	18.1	191.3	15.2	236	33.32	498	3.5	0.7	89	67.2	184.8	<0.5	65	0.07	0.035
3205739	Drill Core	5.56	41.0	68.0	6671.8	43377	20.9	157.2	11.1	120	27.11	320	6.5	<0.5	38	147.4	161.1	<0.5	56	0.02	0.014
3205740	Rock	0.78	<0.5	<0.5	5.7	31	<0.5	0.9	<0.5	127	0.11	<5	<0.5	<0.5	75	<0.5	<0.5	<0.5	<10	31.62	0.008
3205741	Drill Core	2.75	57.2	47.1	5963.2	58710	17.3	222.2	14.2	148	10.18	253	10.0	0.7	103	199.7	126.2	<0.5	65	0.06	0.036
3205742	Drill Core	1.90	52.0	55.8	7860.5	79324	20.5	218.3	13.0	151	9.85	210	9.1	0.5	130	263.5	119.0	<0.5	60	0.08	0.040
3205743	Drill Core	5.31	45.2	53.4	5716.7	58224	18.5	212.9	13.8	227	18.77	268	7.6	<0.5	35	186.9	140.1	<0.5	62	0.02	0.012
3205744	Drill Core	4.73	91.4	60.2	7636.5	36121	20.0	237.8	11.9	463	9.95	198	14.9	0.5	56	109.8	121.4	<0.5	98	0.04	0.017
3205745	Drill Core	6.73	40.8	104.4	37412.0	90514	77.1	207.2	13.9	381	20.82	261	8.0	<0.5	31	269.2	201.2	<0.5	67	0.02	0.009
3205746	Drill Core	5.30	41.9	96.0	9253.0	81116	27.1	150.3	12.5	3207	27.61	222	8.5	<0.5	35	232.0	136.5	<0.5	110	0.08	0.013
3205747	Drill Core	4.64	17.3	74.3	11966.8	90720	28.1	286.8	29.2	3370	28.03	352	6.5	0.9	116	257.4	169.2	<0.5	95	0.14	0.045
3205748	Drill Core	6.96	19.7	93.4	8098.4	144957	29.6	227.9	23.0	1011	27.94	363	4.9	<0.5	58	482.3	195.4	<0.5	60	0.05	0.024
3205749	Drill Core	6.09	41.3	74.6	2796.5	47877	14.9	158.0	13.9	1398	30.07	274	6.1	<0.5	23	147.9	138.5	<0.5	93	0.02	0.007
3205750	Drill Core	1.98	80.1	145.4	2098.0	873	23.5	417.7	32.3	97	26.47	662	137.9	3.2	320	119.3	162.7	<0.5	155	0.05	0.119
3205751	Drill Core	6.92	7.3	106.7	751.8	403	4.7	237.2	18.7	70	33.37	491	2.8	<0.5	89	1.2	151.7	<0.5	54	0.06	0.027
3205752	Drill Core	7.35	11.5	106.6	843.9	7608	4.9	311.5	20.5	64	31.24	659	3.6	<0.5	129	21.1	186.6	<0.5	64	0.09	0.043
3205753	Drill Core	6.77	16.6	106.8	756.0	4693	4.1	440.8	52.1	74	24.77	584	4.1	<0.5	132	13.5	166.9	<0.5	68	0.09	0.050
3205754	Drill Core	3.85	35.7	94.3	1315.7	9461	3.7	434.6	53.8	69	18.87	480	6.9	<0.5	80	35.9	98.2	<0.5	64	0.04	0.028
3205755	Drill Core	3.86	34.3	127.4	6204.4	9402	9.2	538.9	62.7	91	16.45	514	4.0	0.5	480	23.9	117.6	<0.5	69	0.21	0.106
3205756	Drill Core	5.80	2.6	64.7	4563.1	9437	7.2	692.2	82.9	46	23.44	771	0.7	1.3	637	24.0	106.1	<0.5	42	0.29	0.138
3205757	Drill Core	5.38	45.3	74.1	2848.8	1385	4.6	791.0	90.9	65	23.56	561	0.7	0.5	350	3.9	132.2	<0.5	27	0.15	0.073
3205758	Drill Core	6.23	2.9	85.3	1377.6	1708	3.3	991.5	111.0	92	23.93	687	0.6	<0.5	494	4.0	139.9	<0.5	39	0.21	0.102



Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client:

Fireweed Zinc Ltd.

Suite 1020, 800 Pender Street

Vancouver British Columbia V5C 2V6 Canada

Project:

MacMillan Pass

Report Date:

February 19, 2021

Page:

4 of 6

Part:

2 of 3

CERTIFICATE OF ANALYSIS

WHI20000608.1

	Method	Analyte	Unit	MDL	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF725	LF725	LF725	LF725	LF725			
					La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	SiO2	Al2O3	Fe2O3	CaO	MgO
					ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	%	%
					0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01	0.01	0.01	0.01
3205729	Drill Core				1.1	21.3	<0.01	486	<0.001	0.31	<0.01	0.10	<0.5	0.88	1.2	2.0	7.92	<5	11	66.97	6.95	10.60	0.04	0.12
3205730	Drill Core				1.1	22.6	<0.01	463	<0.001	0.31	<0.01	0.09	<0.5	1.90	1.3	2.2	6.48	<5	7	69.64	7.95	8.93	0.03	0.12
3205731	Drill Core				2.3	56.9	<0.01	291	0.003	0.22	<0.01	0.04	<0.5	16.04	2.1	1.1	13.57	<5	<2	46.49	14.75	16.93	0.27	0.03
3205732	Drill Core				1.2	53.6	<0.01	122	0.002	0.20	<0.01	0.04	<0.5	13.71	0.6	1.7	19.44	<5	<2	43.99	9.17	24.96	0.22	0.03
3205733	Drill Core				1.7	80.5	<0.01	157	0.002	0.30	<0.01	0.06	<0.5	30.25	0.7	2.8	19.70	<5	<2	31.35	11.65	23.51	0.63	0.04
3205734	Drill Core				0.5	24.5	<0.01	44	<0.001	0.11	<0.01	0.03	<0.5	73.92	0.8	2.8	>30	<5	4	29.72	1.22	36.71	0.04	0.02
3205735	Drill Core				1.2	31.0	<0.01	69	0.001	0.17	<0.01	0.04	<0.5	55.55	0.9	2.5	>30	5	2	19.84	2.24	43.68	0.03	0.03
3205736	Drill Core				1.1	44.3	<0.01	59	0.002	0.23	<0.01	0.05	<0.5	21.13	1.0	4.4	>30	<5	2	17.69	3.71	45.94	0.11	0.04
3205737	Drill Core				1.2	34.9	<0.01	59	0.002	0.22	<0.01	0.04	<0.5	37.51	1.3	2.3	>30	6	<2	16.55	4.76	44.20	0.17	0.05
3205738	Drill Core				<0.5	18.3	<0.01	66	<0.001	0.09	<0.01	0.03	<0.5	26.04	1.1	6.3	>30	6	4	19.00	1.06	48.59	0.09	0.02
3205739	Drill Core				<0.5	11.6	<0.01	45	<0.001	0.10	<0.01	0.03	<0.5	51.32	0.8	3.1	>30	7	5	29.66	1.25	38.71	0.03	0.04
3205740	Rock				1.4	<0.5	0.96	17	0.002	0.03	<0.01	<0.01	<0.5	<0.05	3.6	<0.5	0.06	<5	<2	10.08	0.18	0.21	47.85	3.42
3205741	Drill Core				0.9	14.6	0.01	277	0.003	0.16	<0.01	0.05	<0.5	66.10	0.9	2.8	14.28	7	9	58.59	2.95	14.83	0.10	0.07
3205742	Drill Core				0.9	13.4	0.01	257	<0.001	0.15	<0.01	0.04	<0.5	90.77	0.8	3.1	14.84	8	9	57.58	2.75	14.18	0.11	0.07
3205743	Drill Core				<0.5	13.2	0.02	181	<0.001	0.11	<0.01	0.03	<0.5	63.56	0.9	2.4	23.30	8	7	45.06	1.45	26.82	0.03	0.06
3205744	Drill Core				0.8	17.1	0.04	275	<0.001	0.18	<0.01	0.04	<0.5	39.69	1.1	2.7	12.48	7	9	61.93	2.66	14.66	0.06	0.12
3205745	Drill Core				<0.5	14.2	0.03	188	<0.001	0.10	<0.01	0.02	<0.5	97.99	0.9	3.7	26.48	11	9	34.08	1.29	29.09	0.03	0.08
3205746	Drill Core				<0.5	18.3	0.26	122	<0.001	0.10	<0.01	0.02	<0.5	82.85	1.9	3.8	27.08	9	8	24.72	1.02	38.16	0.10	0.45
3205747	Drill Core				1.3	45.1	0.30	99	0.003	0.23	<0.01	0.02	<0.5	88.63	2.1	3.4	26.88	11	5	21.47	1.80	38.45	0.18	0.51
3205748	Drill Core				0.6	24.6	0.10	104	0.002	0.12	<0.01	0.01	<0.5	153.00	1.3	3.6	>30	9	7	14.73	1.22	38.89	0.07	0.17
3205749	Drill Core				<0.5	15.1	0.13	99	<0.001	0.10	<0.01	0.02	<0.5	53.51	1.2	3.5	>30	8	5	23.73	1.14	42.53	0.03	0.23
3205750	Drill Core				9.8	83.0	<0.01	129	0.002	0.41	<0.01	0.04	25.2	3.37	11.5	3.2	29.49	23	5	30.40	4.17	38.51	0.09	0.05
3205751	Drill Core				0.5	21.1	<0.01	94	<0.001	0.12	<0.01	0.03	0.6	2.65	<0.5	4.3	>30	<5	2	22.24	1.46	48.15	0.08	0.01
3205752	Drill Core				0.6	29.2	<0.01	118	<0.001	0.14	<0.01	0.03	<0.5	10.28	0.6	4.2	>30	<5	3	24.95	1.92	45.45	0.12	0.03
3205753	Drill Core				0.6	32.4	<0.01	128	<0.001	0.18	<0.01	0.05	<0.5	7.00	1.1	4.1	27.58	<5	3	37.75	3.14	36.20	0.13	0.03
3205754	Drill Core				0.9	63.5	<0.01	151	0.002	0.22	<0.01	0.05	0.6	9.89	1.3	2.7	21.32	<5	3	49.90	2.97	26.84	0.08	0.06
3205755	Drill Core				1.3	80.0	<0.01	185	0.002	0.36	<0.01	0.08	<0.5	9.72	0.9	2.8	19.04	<5	4	49.92	5.98	23.52	0.29	0.07
3205756	Drill Core				1.3	102.9	0.01	115	0.002	0.46	<0.01	0.10	<0.5	8.62	<0.5	1.8	27.21	<5	<2	29.54	8.95	34.06	0.40	0.06
3205757	Drill Core				1.4	72.9	0.02	106	0.002	0.31	<0.01	0.06	<0.5	2.12	<0.5	1.8	26.82	<5	<2	28.95	9.27	35.44	0.24	0.08
3205758	Drill Core				1.1	117.9	0.02	110	0.002	0.40	<0.01	0.06	<0.5	2.49	0.6	2.8	27.02	<5	<2	28.38	9.78	35.18	0.29	0.08



BUREAU MINERAL LABORATORIES
VERITAS Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: Fireweed Zinc Ltd.
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: MacMillan Pass
Report Date: February 19, 2021

Page: 4 of 6

Part: 3 of 3

CERTIFICATE OF ANALYSIS

WHI20000608.1

Method Analyte Unit MDL		LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC000	TC000	TC005	TC005	TC006	TC010	TC010	SPG04
		K2O	MnO	TiO2	P2O5	Cr2O3	Ba	Cu	Pb	Zn	LOI	SUM_T	V2O5	TOT/C	TOT/S	C/ORG	C/GRA	CO2	S/S-	SO4	Density
		%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-5.11	0.01	0.01	0.02	0.02	0.02	0.02	0.08	0.02	0.15
3205729	Drill Core	0.98	0.02	0.36	0.33	0.01	0.56	<0.01	0.02	<0.01	12.68	99.79	0.21	6.66	8.29	6.49	0.16	<0.08	7.45	2.53	2.88
3205730	Drill Core	0.94	0.01	0.42	0.23	0.01	0.55	<0.01	0.04	<0.01	10.29	99.34	0.15	4.83	6.96	4.73	0.10	<0.08	5.97	2.99	2.90
3205731	Drill Core	0.59	0.01	3.05	0.87	0.22	0.62	<0.01	0.66	1.49	12.16	98.69	0.11	0.50	14.74	0.48	0.02	<0.08	12.63	6.32	3.28
3205732	Drill Core	0.50	<0.01	1.97	0.39	0.13	0.46	<0.01	0.90	1.19	14.89	99.31	0.06	0.51	21.05	0.50	<0.02	<0.08	16.82	12.67	3.41
3205733	Drill Core	0.80	0.02	2.68	1.02	0.20	0.80	<0.01	6.15	2.71	15.52	98.40	0.10	0.41	21.90	0.39	<0.02	<0.08	16.79	15.31	3.69
3205734	Drill Core	0.16	0.02	0.12	0.04	<0.01	0.12	<0.01	1.34	6.75	21.93	100.06	0.05	1.82	31.76	1.79	0.02	<0.08	24.95	20.40	3.81
3205735	Drill Core	0.28	0.02	0.47	0.07	0.02	0.22	<0.01	1.25	4.82	24.83	99.22	0.05	1.18	37.70	1.16	<0.02	<0.08	29.98	23.13	4.20
3205736	Drill Core	0.41	0.01	0.80	0.14	0.04	0.34	<0.01	1.71	1.73	25.46	98.81	0.05	0.97	37.40	0.96	<0.02	<0.08	29.63	23.28	4.28
3205737	Drill Core	0.50	<0.01	1.15	0.20	0.06	0.44	<0.01	1.42	3.43	24.67	98.71	0.04	0.54	37.66	0.50	0.02	<0.08	29.73	23.76	4.23
3205738	Drill Core	0.14	0.03	0.12	0.10	<0.01	0.10	<0.01	0.51	2.23	26.67	99.31	0.04	1.35	41.55	1.31	0.03	<0.08	31.27	30.80	4.23
3205739	Drill Core	0.19	0.02	0.08	0.04	0.01	0.13	<0.01	0.63	4.52	23.12	99.66	0.05	2.45	35.04	2.39	0.05	<0.08	25.92	27.32	3.85
3205740	Rock	<0.01	0.03	<0.01	0.01	<0.01	<0.01	<0.01	0.01	<0.01	37.70	99.53	<0.01	10.50	0.06	0.38	<0.02	37.07	<0.02	<0.15	2.77
3205741	Drill Core	0.44	0.02	0.33	0.12	0.02	0.25	<0.01	0.57	6.06	12.65	98.64	0.10	3.44	14.69	3.35	0.08	<0.08	11.46	9.68	3.13
3205742	Drill Core	0.41	0.02	0.31	0.14	0.01	0.24	<0.01	0.75	8.01	12.38	99.06	0.09	3.22	15.75	3.12	0.06	0.12	12.14	10.82	3.10
3205743	Drill Core	0.21	0.03	0.13	0.04	0.01	0.12	<0.01	0.55	6.00	17.48	99.56	0.06	2.63	25.12	2.54	0.05	0.11	18.83	18.84	3.48
3205744	Drill Core	0.40	0.07	0.15	0.06	0.01	0.22	<0.01	0.73	3.66	13.42	99.14	0.11	4.95	13.25	4.76	0.08	0.40	9.69	10.68	3.10
3205745	Drill Core	0.18	0.06	0.08	0.03	<0.01	0.11	<0.01	3.81	9.25	19.16	99.91	0.06	2.24	28.55	2.10	0.04	0.36	22.38	18.49	3.70
3205746	Drill Core	0.15	0.39	0.06	0.03	<0.01	0.10	<0.01	0.89	8.21	23.35	99.81	0.06	3.28	28.46	2.08	0.04	4.24	22.06	19.17	3.85
3205747	Drill Core	0.18	0.41	0.44	0.12	0.02	0.13	<0.01	1.14	9.13	22.96	99.40	0.05	2.42	28.39	1.17	0.02	4.51	20.99	22.17	3.92
3205748	Drill Core	0.13	0.13	0.28	0.07	0.01	0.10	<0.01	0.75	14.53	24.48	99.30	0.04	1.50	37.32	1.09	0.03	1.41	28.23	27.23	4.17
3205749	Drill Core	0.14	0.17	0.08	0.02	<0.01	0.08	<0.01	0.28	4.93	24.88	99.55	0.06	2.67	34.42	2.15	0.04	1.79	26.24	24.51	3.91
3205750	Drill Core	0.33	0.01	0.39	0.34	0.03	0.21	<0.01	0.20	0.09	23.46	98.39	0.11	2.63	32.49	2.55	0.08	<0.08	23.47	27.02	3.75
3205751	Drill Core	0.19	0.01	0.06	0.09	<0.01	0.12	<0.01	0.08	0.04	26.40	98.99	0.04	1.80	40.35	1.75	0.05	<0.08	26.86	40.42	4.03
3205752	Drill Core	0.25	0.01	0.09	0.15	0.01	0.15	<0.01	0.09	0.75	25.56	99.78	0.07	2.34	37.83	2.28	0.06	<0.08	25.39	37.27	4.03
3205753	Drill Core	0.38	<0.01	0.32	0.17	0.03	0.25	<0.01	0.08	0.47	20.71	99.90	0.09	2.62	29.87	2.55	0.06	<0.08	17.13	38.17	3.69
3205754	Drill Core	0.38	<0.01	0.41	0.12	0.03	0.25	<0.01	0.14	0.91	16.18	98.56	0.07	1.95	23.08	1.85	0.09	<0.08	16.94	18.40	3.37
3205755	Drill Core	0.73	0.02	1.11	0.44	0.09	0.52	<0.01	0.59	0.92	14.86	99.48	0.09	1.89	19.85	1.76	0.14	<0.08	15.36	13.45	3.32
3205756	Drill Core	1.01	0.01	2.08	0.58	0.16	0.79	<0.01	0.45	0.93	19.28	98.82	0.07	0.28	28.25	0.27	<0.02	<0.08	21.29	20.85	3.70
3205757	Drill Core	0.90	<0.01	2.13	0.62	0.18	0.65	<0.01	0.28	0.15	19.91	99.05	0.06	0.47	29.00	0.44	0.03	<0.08	23.12	17.62	3.76
3205758	Drill Core	1.01	0.02	2.16	0.68	0.20	0.81	<0.01	0.15	0.17	19.75	98.93	0.06	0.27	28.31	0.25	<0.02	<0.08	23.72	13.75	3.71



BUREAU MINERAL LABORATORIES
VERITAS Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client:

Fireweed Zinc Ltd.

Suite 1020, 800 Pender Street

Vancouver British Columbia V5C 2V6 Canada

Project:

MacMillan Pass

Report Date:

February 19, 2021

Page:

5 of 6

Part:

1 of 3

CERTIFICATE OF ANALYSIS

WHI20000608.1

Method Analyte Unit MDL			WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	
			Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
			kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
			0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
3205759	Drill Core	5.32	3.5	68.9	1102.5	179	2.7	646.8	86.9	65	17.99	485	0.5	0.6	467	<0.5	107.5	<0.5	48	0.17	0.088	
3205760	Rock Pulp	0.04	6.4	1312.3	>40000	168186	199.2	21.1	111.6	3573	11.88	242	0.8	2.1	22	610.7	116.4	0.5	<10	4.26	0.030	
3205761	Drill Core	2.73	5.1	68.5	1818.9	463	3.6	708.4	72.2	73	22.09	510	<0.5	0.5	954	1.0	120.4	<0.5	44	0.36	0.184	
3205762	Drill Core	2.02	5.7	68.4	1786.3	379	3.5	682.9	72.0	69	21.75	505	<0.5	<0.5	900	0.8	125.2	<0.5	43	0.34	0.176	
3205763	Drill Core	5.99	35.7	112.8	2219.4	11030	6.3	670.4	74.1	169	18.95	693	4.0	<0.5	383	24.3	271.8	<0.5	56	0.12	0.079	
3205764	Drill Core	4.51	16.8	120.7	4587.7	2748	9.4	786.8	101.5	123	18.20	759	2.4	0.7	289	6.9	285.7	<0.5	27	0.13	0.063	
3205765	Drill Core	5.26	3.5	95.7	3182.2	420	5.6	960.7	120.0	62	16.76	778	0.7	0.8	600	0.9	290.6	<0.5	26	0.25	0.123	
3205766	Drill Core	6.26	1.3	198.9	3867.0	17974	9.7	585.0	57.7	155	31.09	1026	<0.5	<0.5	197	47.2	158.6	<0.5	36	0.10	0.045	
3205767	Drill Core	5.73	4.3	116.3	2787.7	2685	5.1	953.8	116.9	102	21.45	823	<0.5	0.8	367	7.1	179.3	<0.5	61	0.17	0.076	
3205768	Drill Core	5.25	4.9	176.4	17449.8	9584	20.3	1095.4	125.7	110	15.38	1017	<0.5	0.8	660	23.6	359.3	<0.5	40	0.32	0.153	
3205769	Drill Core	5.74	2.9	217.5	13791.9	8381	14.3	917.9	117.5	122	21.18	891	<0.5	1.0	400	18.8	204.4	<0.5	49	0.20	0.092	
3205770	Drill Core	5.89	3.6	221.6	>40000	483	94.8	1028.0	113.0	462	17.34	996	0.5	0.6	1008	3.8	367.7	<0.5	76	0.58	0.284	
3205771	Drill Core	5.42	3.8	193.8	>40000	4201	54.5	1350.4	154.2	1841	13.82	1356	<0.5	1.1	1466	10.9	537.7	<0.5	107	0.79	0.349	
3205772	Drill Core	5.33	3.9	63.0	15062.4	3726	13.2	934.3	95.4	6054	21.55	934	<0.5	2.6	785	8.4	174.0	<0.5	114	0.51	0.170	
3205773	Drill Core	4.96	2.3	25.5	9671.0	375	7.8	675.6	66.3	8450	24.77	732	<0.5	1.6	724	1.0	133.6	<0.5	95	0.54	0.170	
3205774	Drill Core	5.57	2.9	74.7	33951.3	4786	29.7	1200.0	119.7	5458	21.14	1254	<0.5	1.0	1247	11.5	290.9	<0.5	98	0.90	0.368	
3205775	Drill Core	5.60	2.5	123.5	26374.7	13775	25.9	1085.8	116.4	5923	24.61	1094	<0.5	1.6	896	28.3	246.0	<0.5	97	0.65	0.238	
3205776	Drill Core	4.55	3.0	60.1	2145.5	18220	2.8	578.6	86.8	4899	16.07	512	<0.5	1.2	707	34.8	75.0	<0.5	89	0.44	0.157	
3205777	Drill Core	4.93	2.9	56.4	5989.9	15591	8.0	800.4	103.1	6481	21.02	714	<0.5	1.7	1004	29.9	129.5	<0.5	130	0.63	0.235	
3205778	Drill Core	4.30	3.1	54.8	1326.3	12094	1.7	396.1	69.5	8903	22.06	216	3.4	1.6	987	22.5	61.4	<0.5	136	0.70	0.231	
3205779	Drill Core	5.31	2.4	64.2	1431.7	13569	1.8	280.5	73.1	9098	21.57	154	<0.5	1.7	1178	21.4	68.6	<0.5	101	0.77	0.264	
3205780	Rock	0.87	<0.5	0.8	3.2	14	<0.5	<0.5	<0.5	103	0.09	<5	<0.5	<0.5	74	<0.5	<0.5	<0.5	<10	29.55	0.008	
3205781	Drill Core	2.80	3.3	42.5	3938.6	2022	4.1	1252.7	140.7	4502	13.51	1531	<0.5	2.1	664	3.3	201.8	<0.5	77	0.45	0.189	
3205782	Drill Core	2.11	3.8	41.2	4925.9	1675	5.1	1281.6	150.1	4038	12.85	1577	<0.5	2.5	724	4.1	230.2	<0.5	81	0.47	0.194	
3205783	Drill Core	6.49	5.3	56.2	3483.2	8428	5.6	559.6	81.9	6866	20.96	484	2.4	1.8	602	20.2	128.6	<0.5	93	0.60	0.200	
3205784	Drill Core	5.91	28.6	98.4	4923.6	66014	12.1	96.1	7.3	8860	24.69	187	6.6	0.6	83	200.1	71.5	<0.5	75	0.27	0.046	
3205785	Drill Core	4.46	17.8	62.7	6003.3	55420	14.0	81.2	4.6	9931	29.98	240	4.8	<0.5	36	161.6	67.4	<0.5	55	0.26	0.019	
3205786	Drill Core	6.19	19.6	41.3	13103.0	25661	24.8	83.7	4.8	7860	30.12	236	6.3	0.5	50	74.9	90.0	<0.5	51	0.24	0.032	
3205787	Drill Core	4.36	9.7	34.7	7218.4	7820	14.1	61.1	6.1	4962	20.06	233	3.4	0.7	22	26.5	72.7	<0.5	46	0.13	0.012	
3205788	Drill Core	4.94	17.7	65.3	6057.2	51420	12.3	77.7	6.7	4088	15.71	164	4.8	0.8	30	143.5	70.2	<0.5	46	0.14	0.026	



Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client:

Fireweed Zinc Ltd.

Suite 1020, 800 Pender Street

Vancouver British Columbia V5C 2V6 Canada

Project:

MacMillan Pass

Report Date:

February 19, 2021

Page:

5 of 6

Part:

2 of 3

CERTIFICATE OF ANALYSIS

WHI20000608.1

	Method Analyte Unit MDL	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF725	LF725	LF725	LF725	LF725
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	SiO2	Al2O3	Fe2O3	CaO	MgO
		ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	%	%
		0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01	0.01	0.01	0.01	0.01
3205759	Drill Core	1.4	91.3	0.01	149	0.002	0.37	<0.01	0.08	<0.5	1.13	0.6	2.2	21.24	<5	<2	39.42	10.80	27.08	0.24	0.08
3205760	Rock Pulp	7.0	13.6	2.03	203	0.005	0.41	<0.01	0.15	<0.5	2.54	1.3	62.0	19.04	8	4	14.26	2.50	17.10	6.01	3.51
3205761	Drill Core	2.2	76.0	<0.01	122	0.002	0.38	<0.01	0.11	<0.5	1.56	0.6	1.2	25.10	<5	<2	32.61	9.23	31.79	0.49	0.07
3205762	Drill Core	1.7	73.1	<0.01	152	0.002	0.39	<0.01	0.09	<0.5	1.40	0.7	1.2	24.65	<5	<2	34.23	9.19	31.42	0.46	0.06
3205763	Drill Core	1.4	65.3	<0.01	108	0.001	0.34	<0.01	0.07	<0.5	14.66	1.4	3.0	21.90	<5	3	37.28	9.31	27.49	0.17	0.07
3205764	Drill Core	1.0	71.7	0.02	136	0.002	0.32	<0.01	0.05	<0.5	6.44	1.1	5.7	20.91	<5	2	39.99	10.04	26.70	0.18	0.08
3205765	Drill Core	1.8	100.3	0.01	231	0.002	0.32	<0.01	0.04	<0.5	1.47	<0.5	1.3	19.36	<5	<2	41.99	11.66	24.63	0.34	0.06
3205766	Drill Core	0.5	70.3	0.01	89	0.001	0.23	<0.01	0.03	<0.5	21.25	<0.5	2.5	>30	<5	<2	19.59	4.65	45.40	0.14	0.04
3205767	Drill Core	1.2	161.4	0.03	150	0.003	0.51	<0.01	0.04	<0.5	3.42	<0.5	2.3	23.62	<5	<2	32.49	11.60	31.52	0.23	0.09
3205768	Drill Core	1.8	136.3	0.03	271	0.002	0.50	<0.01	0.05	<0.5	10.09	0.6	2.5	17.20	<5	<2	38.98	13.95	22.16	0.44	0.10
3205769	Drill Core	1.1	124.8	0.04	243	0.002	0.50	<0.01	0.04	<0.5	8.78	<0.5	2.7	23.20	<5	<2	30.83	11.28	31.35	0.29	0.10
3205770	Drill Core	2.5	282.3	0.15	470	0.005	1.35	<0.01	0.05	<0.5	1.43	2.2	1.6	17.13	5	<2	33.90	8.26	24.40	0.80	0.27
3205771	Drill Core	3.7	622.8	0.38	580	0.009	2.58	<0.01	0.07	<0.5	4.42	4.1	1.3	6.35	10	<2	42.14	12.27	19.76	1.07	0.69
3205772	Drill Core	2.2	539.9	0.78	451	0.003	1.92	<0.01	0.05	<0.5	3.69	12.0	0.9	4.27	6	<2	29.46	9.74	33.67	0.76	1.38
3205773	Drill Core	2.4	337.1	0.82	406	0.003	1.20	<0.01	0.05	<0.5	0.69	12.1	0.8	3.41	<5	<2	25.45	6.81	39.23	0.79	1.43
3205774	Drill Core	1.9	411.7	0.58	518	0.004	1.68	<0.01	0.05	<0.5	5.11	8.5	2.5	7.37	6	<2	29.79	8.06	32.19	1.30	1.01
3205775	Drill Core	2.2	424.4	0.68	414	0.003	1.67	<0.01	0.04	<0.5	15.89	10.5	2.6	10.94	6	<2	21.61	7.34	39.00	0.96	1.20
3205776	Drill Core	2.4	420.4	0.62	418	0.003	1.78	<0.01	0.05	<0.5	18.35	8.5	0.6	2.57	7	<2	45.06	8.75	23.95	0.65	1.07
3205777	Drill Core	3.4	588.9	0.74	421	0.004	2.37	<0.01	0.05	<0.5	17.32	14.3	1.2	3.95	9	<2	33.03	8.86	31.99	0.88	1.26
3205778	Drill Core	3.0	543.5	0.93	673	0.004	1.94	<0.01	0.05	<0.5	13.60	17.8	0.6	1.72	8	<2	29.32	9.08	34.22	1.03	1.62
3205779	Drill Core	2.7	429.7	0.99	372	0.004	1.36	<0.01	0.04	<0.5	14.36	16.4	0.9	2.80	6	<2	27.99	8.72	33.54	1.11	1.69
3205780	Rock	1.4	0.9	0.61	25	0.002	0.07	<0.01	0.02	<0.5	<0.05	<0.5	<0.5	<0.05	<5	<2	11.83	0.97	0.19	47.22	2.49
3205781	Drill Core	9.3	586.3	0.64	348	0.004	1.62	<0.01	0.04	<0.5	2.22	8.7	1.1	2.66	6	<2	49.35	11.65	19.67	0.65	1.09
3205782	Drill Core	3.3	636.5	0.62	351	0.003	1.70	<0.01	0.04	<0.5	1.98	7.9	0.9	2.37	5	<2	49.19	12.03	18.48	0.65	1.04
3205783	Drill Core	2.2	413.0	0.79	332	0.004	1.36	<0.01	0.04	<0.5	8.38	11.8	0.9	5.97	6	<2	32.41	8.84	32.50	0.89	1.34
3205784	Drill Core	<0.5	25.6	0.75	105	<0.001	0.33	<0.01	0.02	<0.5	65.89	5.0	0.9	9.64	5	2	25.14	1.44	37.82	0.40	1.29
3205785	Drill Core	<0.5	13.0	0.86	71	<0.001	0.14	<0.01	0.01	<0.5	51.59	3.1	1.5	13.11	<5	2	16.03	0.73	45.80	0.38	1.48
3205786	Drill Core	<0.5	13.3	0.68	175	<0.001	0.20	<0.01	0.03	<0.5	26.67	3.0	1.8	15.46	<5	<2	18.69	1.23	45.86	0.35	1.21
3205787	Drill Core	0.7	13.9	0.48	204	<0.001	0.22	<0.01	0.04	<0.5	8.47	3.1	2.2	9.91	<5	<2	47.18	2.00	30.24	0.19	0.83
3205788	Drill Core	0.8	15.1	0.42	199	<0.001	0.31	<0.01	0.04	<0.5	55.10	2.5	1.1	8.96	5	<2	50.57	2.38	23.02	0.20	0.67



BUREAU MINERAL LABORATORIES
VERITAS Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client:

Fireweed Zinc Ltd.

Suite 1020, 800 Pender Street

Vancouver British Columbia V5C 2V6 Canada

Project:

MacMillan Pass

Report Date:

February 19, 2021

Page:

5 of 6

Part: 3 of 3

CERTIFICATE OF ANALYSIS

WHI20000608.1

	Method Analyte Unit MDL	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC000	TC000	TC005	TC005	TC006	TC010	TC010	SPG04
		K2O	MnO	TiO2	P2O5	Cr2O3	Ba	Cu	Pb	Zn	LOI	SUM_T	V2O5	TOT/C	TOT/S	C/ORG	C/GRA	CO2	S/S-	SO4	Density
		%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g/cm3
		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-5.11	0.01	0.01	0.02	0.02	0.02	0.02	0.08	0.02	0.15
3205759	Drill Core	1.17	<0.01	2.34	0.70	0.17	0.84	<0.01	0.12	0.01	15.97	99.19	0.09	0.50	21.85	0.47	0.03	<0.08	17.19	13.96	3.54
3205760	Rock Pulp	0.91	0.46	0.08	0.07	<0.01	0.14	0.13	12.74	17.24	13.86	94.41	<0.01	2.89	19.84	0.49	0.04	8.69	13.42	19.23	3.82
3205761	Drill Core	1.00	<0.01	2.13	1.09	0.15	0.74	<0.01	0.18	0.05	18.37	98.14	0.09	0.54	26.12	0.51	0.03	<0.08	20.19	17.77	3.71
3205762	Drill Core	1.03	0.01	2.17	0.99	0.15	0.73	<0.01	0.18	0.03	18.03	98.90	0.09	0.54	26.02	0.51	0.03	<0.08	20.64	16.12	3.67
3205763	Drill Core	1.00	0.03	1.93	1.07	0.14	0.85	<0.01	0.23	1.09	17.81	98.98	0.10	2.05	22.03	1.99	0.06	<0.08	19.13	8.69	3.52
3205764	Drill Core	0.81	0.02	1.97	0.37	0.12	0.67	<0.01	0.42	0.27	16.42	98.35	0.07	1.18	22.53	1.14	0.04	<0.08	16.45	18.22	3.50
3205765	Drill Core	0.66	<0.01	2.64	0.74	0.17	0.53	<0.01	0.30	0.04	14.81	98.76	0.07	0.40	19.66	0.38	0.03	<0.08	16.12	10.61	3.42
3205766	Drill Core	0.36	0.02	0.91	0.19	0.06	0.29	0.02	0.40	1.79	24.37	98.82	0.03	0.27	38.03	0.23	<0.02	<0.08	28.34	29.03	4.10
3205767	Drill Core	0.84	0.01	2.45	0.47	0.16	0.71	<0.01	0.28	0.27	17.84	99.28	0.07	0.39	25.46	0.32	0.05	<0.08	13.54	35.71	3.68
3205768	Drill Core	0.94	0.02	2.90	0.77	0.19	0.83	0.02	1.72	0.95	14.04	98.59	0.07	0.45	17.91	0.38	0.05	<0.08	12.71	15.58	3.42
3205769	Drill Core	0.88	0.02	2.45	0.37	0.11	0.80	0.02	1.37	0.84	17.87	99.16	0.05	0.32	24.98	0.26	0.04	<0.08	18.27	20.10	3.75
3205770	Drill Core	0.53	0.06	1.97	0.79	0.13	0.47	0.02	12.02	0.04	13.39	98.16	0.05	0.63	17.56	0.41	0.05	0.63	10.55	21.00	3.79
3205771	Drill Core	0.63	0.24	2.89	1.05	0.21	0.51	0.02	6.72	0.42	9.91	99.30	0.08	1.57	6.43	0.84	0.04	2.55	3.28	9.43	3.37
3205772	Drill Core	0.55	0.80	2.11	0.57	0.16	0.46	<0.01	1.57	0.38	17.25	99.23	0.06	4.40	4.31	1.55	0.06	10.25	3.09	3.63	3.45
3205773	Drill Core	0.42	1.07	1.67	0.54	0.11	0.38	<0.01	0.95	0.04	20.35	99.45	0.05	5.84	3.36	1.63	0.04	15.29	2.49	2.61	3.55
3205774	Drill Core	0.48	0.70	2.12	1.06	0.14	0.42	<0.01	3.48	0.47	16.38	98.12	0.06	3.68	7.46	1.26	0.03	8.80	5.92	4.62	3.55
3205775	Drill Core	0.41	0.76	1.86	0.68	0.13	0.35	0.01	2.76	1.40	19.90	99.09	0.05	4.12	11.53	1.45	<0.02	9.75	9.60	5.79	3.67
3205776	Drill Core	0.48	0.63	2.14	0.46	0.13	0.44	<0.01	0.21	1.79	12.34	98.70	0.05	3.37	2.83	2.06	0.03	4.73	2.12	2.13	3.20
3205777	Drill Core	0.40	0.84	2.12	0.61	0.16	0.35	<0.01	0.60	1.55	15.57	98.78	0.06	4.10	3.95	1.38	<0.02	9.90	3.13	2.45	3.36
3205778	Drill Core	0.46	1.16	2.23	0.65	0.16	0.40	<0.01	0.14	1.23	17.65	99.82	0.06	5.08	1.86	1.55	<0.02	12.91	1.45	1.25	3.42
3205779	Drill Core	0.47	1.18	2.16	0.70	0.14	0.38	<0.01	0.15	1.36	18.30	98.37	0.05	5.09	2.89	1.57	<0.02	12.85	2.51	1.13	3.40
3205780	Rock	0.24	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	36.73	99.76	<0.01	10.21	<0.02	0.24	0.04	36.39	<0.02	<0.15	2.78
3205781	Drill Core	0.54	0.56	2.88	0.48	0.21	0.43	<0.01	0.37	0.20	10.67	98.97	0.07	2.50	2.79	1.09	<0.02	5.09	2.26	1.60	3.10
3205782	Drill Core	0.57	0.50	2.92	0.49	0.23	0.45	<0.01	0.47	0.16	10.22	97.64	0.07	2.39	2.53	1.21	0.02	4.22	2.05	1.45	3.15
3205783	Drill Core	0.45	0.87	2.02	0.52	0.13	0.32	<0.01	0.35	0.85	17.36	99.20	0.06	4.28	6.09	1.68	<0.02	9.49	4.90	3.58	3.42
3205784	Drill Core	0.13	1.11	0.10	0.12	<0.01	0.04	<0.01	0.49	6.76	22.63	99.21	0.02	6.64	9.91	2.51	0.02	15.06	7.88	6.09	3.57
3205785	Drill Core	0.08	1.25	0.05	0.05	<0.01	0.02	<0.01	0.61	5.70	26.20	99.86	0.02	6.82	13.13	2.36	<0.02	16.28	10.65	7.43	3.85
3205786	Drill Core	0.15	0.99	0.10	0.09	<0.01	0.06	<0.01	1.29	2.60	25.54	98.97	0.01	6.09	15.86	2.09	<0.02	14.64	13.74	6.35	3.83
3205787	Drill Core	0.28	0.62	0.14	0.03	<0.01	0.18	<0.01	0.71	0.77	16.17	99.65	0.02	3.70	10.41	1.31	0.03	8.67	8.27	6.43	3.35
3205788	Drill Core	0.31	0.51	0.16	0.06	<0.01	0.16	<0.01	0.59	5.18	13.94	99.14	0.02	3.54	9.29	1.53	0.03	7.26	7.36	5.76	3.24



BUREAU MINERAL LABORATORIES
VERITAS Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: MacMillan Pass
Report Date: February 19, 2021

Page: 6 of 6

Part: 1 of 3

CERTIFICATE OF ANALYSIS

WHI20000608.1

	Method Analyte Unit MDL	WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
3205789	Drill Core	3.91	34.5	61.8	2275.1	54607	9.6	111.5	6.9	7713	22.18	162	10.0	0.6	54	155.0	81.9	<0.5	85	0.29	0.051
3205790	Drill Core	5.74	24.9	83.0	15233.9	66421	34.4	110.0	7.6	6651	26.46	212	4.8	0.8	30	219.3	119.9	<0.5	81	0.23	0.033
3205791	Drill Core	5.19	12.1	21.2	1050.7	139	4.1	74.2	5.8	4098	20.12	152	4.1	1.2	44	<0.5	56.7	<0.5	94	0.15	0.038
3205792	Drill Core	6.25	16.1	33.7	480.7	24364	4.5	62.4	5.4	6389	22.18	162	3.4	1.0	38	91.2	50.2	<0.5	147	0.22	0.033
3205793	Drill Core	5.09	6.9	53.6	608.1	52082	6.3	60.6	5.5	4602	25.81	237	2.3	0.9	17	191.2	79.9	<0.5	91	0.12	0.016



BUREAU MINERAL LABORATORIES
VERITAS Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: MacMillan Pass
Report Date: February 19, 2021

Page: 6 of 6

Part: 2 of 3

CERTIFICATE OF ANALYSIS

WHI20000608.1

	Method Analyte Unit MDL	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF725	LF725	LF725	LF725	LF725
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	SiO2	Al2O3	Fe2O3	CaO	MgO
		ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	%	%
		0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01	0.01	0.01	0.01	0.01
3205789	Drill Core	<0.5	21.3	0.73	154	0.001	0.30	<0.01	0.04	<0.5	61.24	4.5	2.2	8.23	<5	2	31.31	2.37	33.91	0.42	1.28
3205790	Drill Core	<0.5	19.2	0.61	88	<0.001	0.29	<0.01	0.02	<0.5	69.03	3.2	4.8	17.01	6	2	21.22	1.65	39.91	0.34	1.05
3205791	Drill Core	1.1	13.6	0.43	217	0.001	0.27	<0.01	0.06	<0.5	1.20	2.0	1.1	12.47	<5	<2	46.49	3.26	30.56	0.23	0.71
3205792	Drill Core	0.7	15.4	0.61	192	0.001	0.34	<0.01	0.06	<0.5	22.52	3.0	1.0	10.61	<5	<2	37.66	3.18	33.23	0.32	1.05
3205793	Drill Core	0.7	17.3	0.51	104	0.001	0.33	<0.01	0.03	<0.5	49.99	2.5	1.4	20.75	<5	<2	28.30	1.79	39.02	0.17	0.87



BUREAU MINERAL LABORATORIES
VERITAS Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: MacMillan Pass
Report Date: February 19, 2021

Page: 6 of 6

Part: 3 of 3

CERTIFICATE OF ANALYSIS

WHI20000608.1

	Method	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC000	TC000	TC005	TC005	TC006	TC010	TC010	SPG04
	Analyte	K2O	MnO	TiO2	P2O5	Cr2O3	Ba	Cu	Pb	Zn	LOI	SUM_T	V2O5	TOT/C	TOT/S	C/ORG	C/GRA	CO2	S/S-	SO4	Density
	Unit	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g/cm3
	MDL	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-5.11	0.01	0.01	0.02	0.02	0.02	0.02	0.08	0.02	0.15	0.01
3205789	Drill Core	0.34	0.97	0.17	0.15	<0.01	0.12	<0.01	0.22	5.52	21.08	99.33	0.03	6.75	8.58	3.02	0.02	13.57	6.85	5.16	3.41
3205790	Drill Core	0.19	0.82	0.16	0.09	<0.01	0.06	<0.01	1.48	6.67	23.71	99.16	0.03	5.35	17.72	2.04	<0.02	12.08	14.65	9.20	3.72
3205791	Drill Core	0.52	0.52	0.24	0.10	<0.01	0.19	<0.01	0.11	0.01	16.49	99.53	0.05	3.11	13.04	1.27	<0.02	6.71	10.67	7.10	3.35
3205792	Drill Core	0.47	0.79	0.22	0.09	<0.01	0.15	<0.01	0.05	2.40	18.79	99.08	0.06	4.50	10.81	1.55	0.03	10.72	8.75	6.16	3.37
3205793	Drill Core	0.22	0.56	0.16	0.04	<0.01	0.07	<0.01	0.06	5.20	21.47	99.31	0.03	3.05	21.57	1.04	<0.02	7.30	18.14	10.28	3.74



**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:

Fireweed Zinc Ltd.

Suite 1020, 800 Pender Street

Vancouver British Columbia V5C 2V6 Canada

Project:

MacMillan Pass

Report Date:

February 19, 2021

Page:

1 of 7

Part:

1 of 3

QUALITY CONTROL REPORT

WHI20000608.1

	Method	WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
3205719	Drill Core	4.20	68.6	60.0	206.9	29	2.4	137.9	8.9	90	5.85	74	4.5	0.7	160	<0.5	73.3	<0.5	60	0.05	0.024
3205755	Drill Core	3.86	34.3	127.4	6204.4	9402	9.2	538.9	62.7	91	16.45	514	4.0	0.5	480	23.9	117.6	<0.5	69	0.21	0.106
3205783	Drill Core	6.49	5.3	56.2	3483.2	8428	5.6	559.6	81.9	6866	20.96	484	2.4	1.8	602	20.2	128.6	<0.5	93	0.60	0.200
Pulp Duplicates																					
3205669	Drill Core	3.89	21.3	57.6	737.1	295	6.1	130.8	13.9	58	8.55	345	3.5	1.1	95	3.9	73.0	<0.5	26	0.06	0.046
REP 3205669	QC																				
3205672	Drill Core	4.04	23.3	71.5	170.3	31	2.9	111.8	10.8	49	2.85	58	5.9	0.9	55	7.3	40.9	<0.5	36	0.02	0.026
REP 3205672	QC																				
3205674	Drill Core	3.19	21.8	80.9	184.4	462	1.3	95.9	10.9	39	3.23	45	14.1	0.9	52	13.6	28.9	<0.5	40	0.02	0.031
REP 3205674	QC																				
3205675	Drill Core	2.07	24.7	115.8	179.9	488	1.1	100.9	15.1	48	4.10	58	22.2	0.9	90	19.7	27.2	<0.5	41	0.03	0.042
REP 3205675	QC		23.1	111.8	174.5	482	1.1	98.1	15.4	48	4.02	58	21.9	0.9	87	18.6	26.6	<0.5	40	0.03	0.041
3205677	Drill Core	2.50	32.6	140.6	589.2	174	1.1	107.8	12.1	39	4.75	59	129.9	1.0	261	57.5	40.4	<0.5	98	0.06	0.123
REP 3205677	QC																				
3205684	Drill Core	2.58	18.2	43.3	194.0	562	0.9	92.9	10.0	43	2.17	37	17.1	1.6	92	171.0	22.7	<0.5	58	0.03	0.043
REP 3205684	QC																				
3205693	Drill Core	4.80	18.8	66.1	182.1	128	2.3	105.9	15.7	58	3.66	73	4.3	0.8	58	17.4	34.6	<0.5	39	0.02	0.032
REP 3205693	QC																				
3205695	Drill Core	3.35	30.9	85.8	303.2	191	2.9	80.7	17.1	44	4.89	98	6.1	1.2	44	35.2	72.3	<0.5	32	0.02	0.026
REP 3205695	QC																				
3205702	Drill Core	1.75	43.0	41.5	137.7	267	0.7	100.7	8.5	84	2.38	45	19.6	0.7	151	107.0	34.2	<0.5	67	0.02	0.041
REP 3205702	QC																				
REP 3205705	QC																				
3205708	Drill Core	4.84	28.3	49.4	827.2	16137	5.4	130.1	10.0	72	11.55	273	2.9	0.7	95	52.1	135.6	<0.5	49	0.03	0.021
REP 3205708	QC		28.5	49.5	824.0	16301	5.4	131.6	10.1	74	11.58	276	2.9	0.7	98	52.7	137.8	<0.5	49	0.03	0.022
3205711	Drill Core	4.10	23.0	47.8	1190.0	736	4.1	208.1	20.4	116	10.85	133	2.6	0.5	171	8.8	84.6	<0.5	46	0.05	0.034
REP 3205711	QC																				
3205717	Drill Core	3.97	39.4	43.5	169.5	24	2.3	122.0	9.2	84	5.79	60	4.3	0.6	167	<0.5	59.9	<0.5	49	0.03	0.024
REP 3205717	QC																				



**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:

Fireweed Zinc Ltd.

Suite 1020, 800 Pender Street

Vancouver British Columbia V5C 2V6 Canada

Project:

MacMillan Pass

Report Date:

February 19, 2021

Page:

1 of 7

Part:

2 of 3

QUALITY CONTROL REPORT

WHI20000608.1

	Method Analyte Unit MDL	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF725	LF725	LF725	LF725	LF725
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	SiO2	Al2O3	Fe2O3	CaO	MgO
		ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	%	%
		0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01	0.01	0.01	0.01	0.01
3205719	Drill Core	2.3	18.0	0.03	577	0.005	0.33	<0.01	0.09	<0.5	1.78	1.0	2.2	6.13	<5	6	73.50	5.82	8.31	0.18	0.18
3205755	Drill Core	1.3	80.0	<0.01	185	0.002	0.36	<0.01	0.08	<0.5	9.72	0.9	2.8	19.04	<5	4	49.92	5.98	23.52	0.29	0.07
3205783	Drill Core	2.2	413.0	0.79	332	0.004	1.36	<0.01	0.04	<0.5	8.38	11.8	0.9	5.97	6	<2	32.41	8.84	32.50	0.89	1.34
Pulp Duplicates																					
3205669	Drill Core	2.9	18.7	<0.01	239	<0.001	0.24	<0.01	0.07	<0.5	2.72	1.2	6.8	9.50	<5	4	68.51	6.56	11.99	0.09	0.11
REP 3205669	QC																				
3205672	Drill Core	2.1	17.9	0.01	271	<0.001	0.32	<0.01	0.09	<0.5	1.51	2.0	2.4	3.04	<5	10	80.59	7.18	4.14	0.04	0.14
REP 3205672	QC																80.44	7.13	4.14	0.04	0.13
3205674	Drill Core	2.4	21.1	0.01	220	<0.001	0.30	<0.01	0.08	<0.5	2.17	3.7	1.8	3.53	<5	9	80.38	7.28	4.58	0.03	0.17
REP 3205674	QC																				
3205675	Drill Core	3.0	27.6	0.01	239	<0.001	0.35	<0.01	0.10	<0.5	2.33	3.5	2.3	4.42	<5	5	76.96	7.75	5.59	0.04	0.14
REP 3205675	QC	3.0	26.1	<0.01	232	0.001	0.32	<0.01	0.09	<0.5	2.40	3.7	2.2	4.31	<5	6					
3205677	Drill Core	10.7	88.5	<0.01	275	<0.001	0.45	<0.01	0.05	<0.5	2.04	14.0	1.5	5.19	14	13	75.34	6.18	6.78	0.09	0.11
REP 3205677	QC																				
3205684	Drill Core	5.0	33.3	0.01	482	<0.001	0.30	<0.01	0.08	<0.5	2.85	4.4	1.8	2.19	6	3	80.47	6.09	3.16	0.05	0.15
REP 3205684	QC																80.44	6.10	3.14	0.04	0.13
3205693	Drill Core	2.4	25.6	0.01	1078	0.001	0.36	<0.01	0.09	<0.5	1.86	3.4	2.8	3.86	<5	7	75.99	7.68	5.10	0.03	0.15
REP 3205693	QC																				
3205695	Drill Core	3.0	30.4	0.01	1046	0.002	0.44	<0.01	0.10	<0.5	2.83	3.7	3.0	5.32	<5	5	73.94	8.02	6.93	0.04	0.15
REP 3205695	QC																				
3205702	Drill Core	2.3	24.6	<0.01	1278	0.001	0.39	<0.01	0.08	0.7	0.85	3.8	1.6	2.24	<5	4	80.48	6.41	3.53	0.04	0.13
REP 3205702	QC																				
REP 3205705	QC																66.72	8.38	11.54	0.03	0.15
3205708	Drill Core	2.0	22.2	<0.01	157	0.001	0.39	<0.01	0.10	<0.5	28.34	0.9	9.4	13.35	<5	5	60.75	6.43	16.48	0.05	0.12
REP 3205708	QC	2.1	22.7	<0.01	204	0.001	0.39	<0.01	0.11	<0.5	28.86	0.9	9.4	13.43	<5	5					
3205711	Drill Core	1.3	40.8	<0.01	203	0.003	0.38	<0.01	0.10	<0.5	5.01	1.3	2.2	11.68	<5	5	61.89	6.92	15.42	0.09	0.12
REP 3205711	QC																				
3205717	Drill Core	1.7	18.9	<0.01	646	0.001	0.33	<0.01	0.09	<0.5	1.59	1.0	1.4	6.19	<5	5	72.76	6.31	8.25	0.06	0.11
REP 3205717	QC																72.86	6.29	8.28	0.06	0.12



Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

QUALITY CONTROL REPORT

WHI20000608.1

Method	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC000	TC000	TC005	TC005	TC006	TC010	TC010	SPG04
Analyte	K2O	MnO	TiO2	P2O5	Cr2O3	Ba	Cu	Pb	Zn	LOI	SUM_T	V2O5	TOT/C	TOT/S	C/ORG	C/GRA	CO2	S/S-	SO4	Density
Unit	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g/cm3
MDL	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-5.11	0.01	0.01	0.02	0.02	0.02	0.02	0.08	0.02	0.15	0.01
3205719 Drill Core	0.81	0.02	0.38	0.32	<0.01	0.64	<0.01	0.02	<0.01	8.85	99.22	0.09	4.14	6.28	3.97	0.17	<0.08	5.49	2.38	2.85
3205755 Drill Core	0.73	0.02	1.11	0.44	0.09	0.52	<0.01	0.59	0.92	14.86	99.48	0.09	1.89	19.85	1.76	0.14	<0.08	15.36	13.45	3.32
3205783 Drill Core	0.45	0.87	2.02	0.52	0.13	0.32	<0.01	0.35	0.85	17.36	99.20	0.06	4.28	6.09	1.68	<0.02	9.49	4.90	3.58	3.42
Pulp Duplicates																				
3205669 Drill Core	0.72	<0.01	0.41	0.12	<0.01	0.27	<0.01	0.05	0.03	9.31	98.32	0.06	2.15	9.78	2.11	0.05	<0.08	7.20	7.73	2.93
REP 3205669 QC																	<0.08			
3205672 Drill Core	0.87	<0.01	0.32	0.08	<0.01	0.29	<0.01	<0.01	<0.01	5.93	99.73	0.07	2.61	3.37	2.53	0.09	<0.08	2.12	3.74	2.78
REP 3205672 QC	0.87	0.01	0.32	0.07	<0.01	0.28	<0.01	<0.01	<0.01	5.93	99.50	0.07								
3205674 Drill Core	0.83	<0.01	0.32	0.09	0.01	0.24	<0.01	<0.01	0.05	5.58	99.70	0.07	1.92	3.77	1.86	0.05	<0.08	2.46	3.92	2.79
REP 3205674 QC																0.06				
3205675 Drill Core	0.93	<0.01	0.35	0.12	<0.01	0.27	<0.01	<0.01	0.04	6.45	98.83	0.05	2.18	4.60	2.11	0.06	<0.08	2.68	5.76	2.77
REP 3205675 QC																				
3205677 Drill Core	0.62	0.01	0.26	0.31	0.01	0.24	<0.01	0.04	0.02	8.04	98.16	0.09	2.99	5.60	2.92	0.07	<0.08	3.61	5.97	2.79
REP 3205677 QC																		3.94		
3205684 Drill Core	0.89	0.01	0.27	0.12	0.03	0.67	<0.01	<0.01	0.06	7.54	99.69	0.07	4.70	2.51	3.63	1.07	<0.08	1.48	3.10	2.72
REP 3205684 QC	0.88	0.01	0.27	0.13	<0.01	0.69	<0.01	<0.01	0.06	7.54	99.60	0.07								
3205693 Drill Core	1.09	0.01	0.37	0.10	<0.01	1.33	<0.01	<0.01	0.01	7.37	99.50	0.06	3.51	4.05	3.11	0.39	<0.08	2.40	4.94	2.78
REP 3205693 QC													3.49	4.14						
3205695 Drill Core	1.11	<0.01	0.38	0.08	<0.01	1.59	<0.01	0.02	0.02	7.06	99.62	0.04	2.33	5.67	2.22	0.11	<0.08	3.07	7.78	2.83
REP 3205695 QC																				2.85
3205702 Drill Core	0.88	0.01	0.36	0.37	0.02	1.19	<0.01	0.02	0.02	5.59	99.25	0.07	3.15	2.26	2.86	0.29	<0.08	1.56	2.12	2.74
REP 3205702 QC																	<0.08			
REP 3205705 QC	1.14	0.02	0.43	0.14	<0.01	1.54	<0.01	0.03	0.35	8.69	99.53	0.06								
3205708 Drill Core	0.91	0.01	0.38	0.16	<0.01	1.12	<0.01	0.08	1.58	11.42	100.12	0.06	2.19	13.79	2.14	0.04	<0.08	11.72	6.20	3.10
REP 3205708 QC																0.03				
3205711 Drill Core	0.96	0.02	0.65	0.38	0.03	1.08	<0.01	0.13	0.07	10.79	98.77	0.07	2.28	12.46	2.25	0.03	<0.08	11.00	4.37	3.03
REP 3205711 QC																		9.94		
3205717 Drill Core	0.88	<0.01	0.36	0.43	0.01	0.87	<0.01	0.03	<0.01	8.73	98.99	0.08	3.84	6.42	3.76	0.08	<0.08	5.26	3.48	2.87
REP 3205717 QC	0.88	0.02	0.36	0.43	<0.01	0.86	<0.01	0.02	<0.01	8.73	99.09	0.08								



**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:

Fireweed Zinc Ltd.

Suite 1020, 800 Pender Street

Vancouver British Columbia V5C 2V6 Canada

Project:

MacMillan Pass

Report Date:

February 19, 2021

Page:

2 of 7

Part:

1 of 3

QUALITY CONTROL REPORT

WHI20000608.1

		WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
3205728	Drill Core	3.96	42.7	45.5	178.8	23	2.3	276.3	21.4	110	7.37	116	3.1	<0.5	132	<0.5	82.2	<0.5	77	0.03	0.021
REP 3205728	QC																				
3205730	Drill Core	3.62	41.0	60.3	263.3	65	2.9	222.4	16.3	80	6.08	106	3.4	<0.5	90	0.7	140.1	<0.5	73	0.01	0.013
REP 3205730	QC																				
3205737	Drill Core	6.55	6.5	70.2	15046.9	33899	31.1	465.2	46.8	81	31.19	525	3.2	2.6	171	110.9	213.6	<0.5	29	0.13	0.062
REP 3205737	QC																				
REP 3205739	QC																				
3205743	Drill Core	5.31	45.2	53.4	5716.7	58224	18.5	212.9	13.8	227	18.77	268	7.6	<0.5	35	186.9	140.1	<0.5	62	0.02	0.012
REP 3205743	QC		43.6	52.4	5641.5	56554	18.1	212.0	13.1	216	18.18	259	7.4	<0.5	36	184.4	134.5	<0.5	62	0.02	0.011
3205747	Drill Core	4.64	17.3	74.3	11966.8	90720	28.1	286.8	29.2	3370	28.03	352	6.5	0.9	116	257.4	169.2	<0.5	95	0.14	0.045
REP 3205747	QC																				
3205751	Drill Core	6.92	7.3	106.7	751.8	403	4.7	237.2	18.7	70	33.37	491	2.8	<0.5	89	1.2	151.7	<0.5	54	0.06	0.027
REP 3205751	QC																				
3205763	Drill Core	5.99	35.7	112.8	2219.4	11030	6.3	670.4	74.1	169	18.95	693	4.0	<0.5	383	24.3	271.8	<0.5	56	0.12	0.079
REP 3205763	QC																				
3205766	Drill Core	6.26	1.3	198.9	3867.0	17974	9.7	585.0	57.7	155	31.09	1026	<0.5	<0.5	197	47.2	158.6	<0.5	36	0.10	0.045
REP 3205766	QC																				
3205772	Drill Core	5.33	3.9	63.0	15062.4	3726	13.2	934.3	95.4	6054	21.55	934	<0.5	2.6	785	8.4	174.0	<0.5	114	0.51	0.170
REP 3205772	QC																				
3205775	Drill Core	5.60	2.5	123.5	26374.7	13775	25.9	1085.8	116.4	5923	24.61	1094	<0.5	1.6	896	28.3	246.0	<0.5	97	0.65	0.238
REP 3205775	QC		2.5	128.5	26278.9	13838	25.8	1080.8	111.3	5967	24.90	1106	<0.5	1.2	912	28.7	244.8	<0.5	99	0.64	0.250
3205776	Drill Core	4.55	3.0	60.1	2145.5	18220	2.8	578.6	86.8	4899	16.07	512	<0.5	1.2	707	34.8	75.0	<0.5	89	0.44	0.157
REP 3205776	QC																				
3205779	Drill Core	5.31	2.4	64.2	1431.7	13569	1.8	280.5	73.1	9098	21.57	154	<0.5	1.7	1178	21.4	68.6	<0.5	101	0.77	0.264
REP 3205779	QC																				
3205780	Rock	0.87	<0.5	0.8	3.2	14	<0.5	<0.5	<0.5	103	0.09	<5	<0.5	<0.5	74	<0.5	<0.5	<0.5	<10	29.55	0.008
REP 3205780	QC																				
3205788	Drill Core	4.94	17.7	65.3	6057.2	51420	12.3	77.7	6.7	4088	15.71	164	4.8	0.8	30	143.5	70.2	<0.5	46	0.14	0.026
REP 3205788	QC																				



**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:

Fireweed Zinc Ltd.

Suite 1020, 800 Pender Street

Vancouver British Columbia V5C 2V6 Canada

Project:

MacMillan Pass

Report Date:

February 19, 2021

Page:

2 of 7

Part:

2 of 3

QUALITY CONTROL REPORT

WHI20000608.1

		AQ270 La ppm 0.5	AQ270 Cr ppm 0.5	AQ270 Mg % 0.01	AQ270 Ba ppm 5	AQ270 Ti % 0.001	AQ270 Al % 0.01	AQ270 Na % 0.01	AQ270 K % 0.01	AQ270 W ppm 0.5	AQ270 Hg ppm 0.05	AQ270 Sc ppm 0.5	AQ270 Ti ppm 0.5	AQ270 S % 0.05	AQ270 Ga ppm 5	AQ270 Se ppm 2	LF725 SiO2 % 0.01	LF725 Al2O3 % 0.01	LF725 Fe2O3 % 0.01	LF725 CaO % 0.01	LF725 MgO % 0.01
3205728	Drill Core	0.8	33.7	<0.01	501	0.001	0.29	<0.01	0.08	<0.5	1.16	1.6	1.6	7.94	<5	9	68.12	7.55	10.45	0.07	0.11
REP 3205728	QC																				
3205730	Drill Core	1.1	22.6	<0.01	463	<0.001	0.31	<0.01	0.09	<0.5	1.90	1.3	2.2	6.48	<5	7	69.64	7.95	8.93	0.03	0.12
REP 3205730	QC																				
3205737	Drill Core	1.2	34.9	<0.01	59	0.002	0.22	<0.01	0.04	<0.5	37.51	1.3	2.3	>30	6	<2	16.55	4.76	44.20	0.17	0.05
REP 3205737	QC																				
REP 3205739	QC																30.82	1.26	38.35	0.03	0.02
3205743	Drill Core	<0.5	13.2	0.02	181	<0.001	0.11	<0.01	0.03	<0.5	63.56	0.9	2.4	23.30	8	7	45.06	1.45	26.82	0.03	0.06
REP 3205743	QC	<0.5	13.1	0.01	171	<0.001	0.10	<0.01	0.03	<0.5	62.86	0.8	2.4	22.88	8	7					
3205747	Drill Core	1.3	45.1	0.30	99	0.003	0.23	<0.01	0.02	<0.5	88.63	2.1	3.4	26.88	11	5	21.47	1.80	38.45	0.18	0.51
REP 3205747	QC																				
3205751	Drill Core	0.5	21.1	<0.01	94	<0.001	0.12	<0.01	0.03	0.6	2.65	<0.5	4.3	>30	<5	2	22.24	1.46	48.15	0.08	0.01
REP 3205751	QC																22.34	1.45	48.29	0.08	0.02
3205763	Drill Core	1.4	65.3	<0.01	108	0.001	0.34	<0.01	0.07	<0.5	14.66	1.4	3.0	21.90	<5	3	37.28	9.31	27.49	0.17	0.07
REP 3205763	QC																				
3205766	Drill Core	0.5	70.3	0.01	89	0.001	0.23	<0.01	0.03	<0.5	21.25	<0.5	2.5	>30	<5	<2	19.59	4.65	45.40	0.14	0.04
REP 3205766	QC																				
3205772	Drill Core	2.2	539.9	0.78	451	0.003	1.92	<0.01	0.05	<0.5	3.69	12.0	0.9	4.27	6	<2	29.46	9.74	33.67	0.76	1.38
REP 3205772	QC																29.53	9.74	33.66	0.76	1.37
3205775	Drill Core	2.2	424.4	0.68	414	0.003	1.67	<0.01	0.04	<0.5	15.89	10.5	2.6	10.94	6	<2	21.61	7.34	39.00	0.96	1.20
REP 3205775	QC	2.6	432.7	0.69	417	0.004	1.68	<0.01	0.04	<0.5	15.78	10.5	2.6	10.96	6	<2					
3205776	Drill Core	2.4	420.4	0.62	418	0.003	1.78	<0.01	0.05	<0.5	18.35	8.5	0.6	2.57	7	<2	45.06	8.75	23.95	0.65	1.07
REP 3205776	QC																				
3205779	Drill Core	2.7	429.7	0.99	372	0.004	1.36	<0.01	0.04	<0.5	14.36	16.4	0.9	2.80	6	<2	27.99	8.72	33.54	1.11	1.69
REP 3205779	QC																				
3205780	Rock	1.4	0.9	0.61	25	0.002	0.07	<0.01	0.02	<0.5	<0.05	<0.5	<0.5	<0.05	<5	<2	11.83	0.97	0.19	47.22	2.49
REP 3205780	QC																11.72	1.00	0.19	47.29	2.49
3205788	Drill Core	0.8	15.1	0.42	199	<0.001	0.31	<0.01	0.04	<0.5	55.10	2.5	1.1	8.96	5	<2	50.57	2.38	23.02	0.20	0.67
REP 3205788	QC																				



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:

Fireweed Zinc Ltd.

Suite 1020, 800 Pender Street

Vancouver British Columbia V5C 2V6 Canada

Project:

MacMillan Pass

Report Date:

February 19, 2021

Page:

2 of 7

Part: 3 of 3

QUALITY CONTROL REPORT

WHI20000608.1

		LF725 K2O %	LF725 MnO %	LF725 TiO2 %	LF725 P2O5 %	LF725 Cr2O3 %	LF725 Ba %	LF725 Cu %	LF725 Pb %	LF725 Zn %	LF725 LOI %	LF725 SUM_T %	LF725 V2O5 %	TC000 TOT/C %	TC000 TOT/S %	TC005 C/ORG %	TC005 C/GRA %	TC006 CO2 %	TC010 S/S- %	TC010 SO4 %	SPG04 Density g/cm3		
		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-5.11	0.01	0.01	0.02	0.02	0.02	0.02	0.08	0.02	0.15	0.01		
3205728	Drill Core	0.86	0.02	0.70	0.46	0.03	0.56	<0.01	0.02	<0.01	9.82	98.89	0.16	3.59	8.24	3.54	0.06	<0.08	6.90	4.03	2.94		
REP 3205728	QC													3.62	8.30								
3205730	Drill Core	0.94	0.01	0.42	0.23	0.01	0.55	<0.01	0.04	<0.01	10.29	99.34	0.15	4.83	6.96	4.73	0.10	<0.08	5.97	2.99	2.90		
REP 3205730	QC													2.88									
3205737	Drill Core	0.50	<0.01	1.15	0.20	0.06	0.44	<0.01	1.42	3.43	24.67	98.71	0.04	0.54	37.66	0.50	0.02	<0.08	29.73	23.76	4.23		
REP 3205737	QC													<0.08									
REP 3205739	QC	0.18	0.02	0.08	0.04	<0.01	0.12	<0.01	0.57	4.41	22.59	99.73	0.05										
3205743	Drill Core	0.21	0.03	0.13	0.04	0.01	0.12	<0.01	0.55	6.00	17.48	99.56	0.06	2.63	25.12	2.54	0.05	0.11	18.83	18.84	3.48		
REP 3205743	QC													0.05									
3205747	Drill Core	0.18	0.41	0.44	0.12	0.02	0.13	<0.01	1.14	9.13	22.96	99.40	0.05	2.42	28.39	1.17	0.02	4.51	20.99	22.17	3.92		
REP 3205747	QC													22.10									
3205751	Drill Core	0.19	0.01	0.06	0.09	<0.01	0.12	<0.01	0.08	0.04	26.40	98.99	0.04	1.80	40.35	1.75	0.05	<0.08	26.86	40.42	4.03		
REP 3205751	QC	0.19	<0.01	0.06	0.09	0.01	0.12	<0.01	0.09	0.04	26.40	99.24	0.04										
3205763	Drill Core	1.00	0.03	1.93	1.07	0.14	0.85	<0.01	0.23	1.09	17.81	98.98	0.10	2.05	22.03	1.99	0.06	<0.08	19.13	8.69	3.52		
REP 3205763	QC													2.04	23.08								
3205766	Drill Core	0.36	0.02	0.91	0.19	0.06	0.29	0.02	0.40	1.79	24.37	98.82	0.03	0.27	38.03	0.23	<0.02	<0.08	28.34	29.03	4.10		
REP 3205766	QC													4.14									
3205772	Drill Core	0.55	0.80	2.11	0.57	0.16	0.46	<0.01	1.57	0.38	17.25	99.23	0.06	4.40	4.31	1.55	0.06	10.25	3.09	3.63	3.45		
REP 3205772	QC	0.54	0.80	2.12	0.57	0.16	0.51	<0.01	1.51	0.38	17.25	99.26	0.06										
3205775	Drill Core	0.41	0.76	1.86	0.68	0.13	0.35	0.01	2.76	1.40	19.90	99.09	0.05	4.12	11.53	1.45	<0.02	9.75	9.60	5.79	3.67		
REP 3205775	QC													<0.02									
3205776	Drill Core	0.48	0.63	2.14	0.46	0.13	0.44	<0.01	0.21	1.79	12.34	98.70	0.05	3.37	2.83	2.06	0.03	4.73	2.12	2.13	3.20		
REP 3205776	QC													3.20									
3205779	Drill Core	0.47	1.18	2.16	0.70	0.14	0.38	<0.01	0.15	1.36	18.30	98.37	0.05	5.09	2.89	1.57	<0.02	12.85	2.51	1.13	3.40		
REP 3205779	QC													2.43									
3205780	Rock	0.24	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	36.73	99.76	<0.01	10.21	<0.02	0.24	0.04	36.39	<0.02	<0.15	2.78		
REP 3205780	QC	0.24	0.02	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	36.73	99.73	<0.01	35.63									
3205788	Drill Core	0.31	0.51	0.16	0.06	<0.01	0.16	<0.01	0.59	5.18	13.94	99.14	0.02	3.54	9.29	1.53	0.03	7.26	7.36	5.76	3.24		
REP 3205788	QC													3.51	9.21								



**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:

Fireweed Zinc Ltd.

Suite 1020, 800 Pender Street

Vancouver British Columbia V5C 2V6 Canada

Project:

MacMillan Pass

Report Date:

February 19, 2021

Page:

3 of 7

Part:

1 of 3

QUALITY CONTROL REPORT

WHI20000608.1

		WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
Core Reject Duplicates																					
3205671	Drill Core	3.70	24.2	76.9	384.0	1951	4.2	134.6	12.4	36	3.99	77	7.7	1.1	58	22.6	51.0	<0.5	39	0.02	0.023
DUP 3205671	QC		24.3	75.6	377.3	1881	4.1	132.8	12.7	34	3.93	74	7.6	1.1	54	20.9	49.5	<0.5	37	0.02	0.023
3205705	Drill Core	4.18	26.7	48.1	227.1	3743	1.9	114.9	10.2	72	8.32	91	2.9	1.0	68	23.3	73.9	<0.5	41	0.01	0.016
DUP 3205705	QC		27.2	48.4	228.4	3621	1.8	117.3	10.4	70	8.07	91	2.9	1.0	63	22.3	73.9	<0.5	35	0.01	0.016
3205739	Drill Core	5.56	41.0	68.0	6671.8	43377	20.9	157.2	11.1	120	27.11	320	6.5	<0.5	38	147.4	161.1	<0.5	56	0.02	0.014
DUP 3205739	QC		42.5	70.2	6168.2	43157	20.7	156.9	10.0	123	26.99	325	6.9	<0.5	38	145.2	163.0	<0.5	57	0.02	0.012
3205773	Drill Core	4.96	2.3	25.5	9671.0	375	7.8	675.6	66.3	8450	24.77	732	<0.5	1.6	724	1.0	133.6	<0.5	95	0.54	0.170
DUP 3205773	QC		2.4	25.8	9632.1	395	7.8	683.4	67.7	8439	24.88	736	<0.5	1.2	753	1.0	134.1	<0.5	94	0.55	0.171
Reference Materials																					
STD AMIS0330	Standard																				
STD AMIS0349	Standard																				
STD AMIS0342	Standard																				
STD AMIS0330	Standard																				
STD AMIS0349	Standard																				
STD AMIS0330	Standard																				
STD AMIS0330	Standard																				
STD AMIS0349	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD GGC-09	Standard																				



**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:

Fireweed Zinc Ltd.

Suite 1020, 800 Pender Street

Vancouver British Columbia V5C 2V6 Canada

Project:

MacMillan Pass

Report Date:

February 19, 2021

Page:

3 of 7

Part:

2 of 3

QUALITY CONTROL REPORT

WHI20000608.1

		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF725	LF725	LF725	LF725	LF725	
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	SiO2	Al2O3	Fe2O3	CaO	MgO
		ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	%	%
		0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01	0.01	0.01	0.01	0.01
Core Reject Duplicates																					
3205671	Drill Core	2.5	19.0	0.01	307	0.001	0.32	<0.01	0.10	<0.5	5.33	2.0	3.1	4.42	<5	11	75.72	8.96	5.54	0.03	0.16
DUP 3205671	QC	2.3	17.8	0.01	283	0.001	0.31	<0.01	0.10	<0.5	4.97	2.2	2.9	4.42	<5	11	76.17	9.02	5.48	0.03	0.16
3205705	Drill Core	2.2	17.7	0.01	212	0.001	0.46	<0.01	0.11	<0.5	8.31	1.3	3.6	9.23	<5	5	66.84	8.29	11.93	0.03	0.15
DUP 3205705	QC	2.0	16.6	0.01	288	0.001	0.41	<0.01	0.11	<0.5	8.21	1.2	3.6	8.90	<5	5	66.80	8.43	11.55	0.04	0.13
3205739	Drill Core	<0.5	11.6	<0.01	45	<0.001	0.10	<0.01	0.03	<0.5	51.32	0.8	3.1	>30	7	5	29.66	1.25	38.71	0.03	0.04
DUP 3205739	QC	<0.5	11.6	<0.01	53	<0.001	0.10	<0.01	0.03	<0.5	53.20	0.9	3.0	>30	8	6	29.85	1.26	38.78	0.03	0.04
3205773	Drill Core	2.4	337.1	0.82	406	0.003	1.20	<0.01	0.05	<0.5	0.69	12.1	0.8	3.41	<5	<2	25.45	6.81	39.23	0.79	1.43
DUP 3205773	QC	1.9	334.6	0.82	401	0.003	1.17	<0.01	0.04	<0.5	0.72	13.4	0.8	3.20	<5	<2	25.26	6.83	39.23	0.80	1.46
Reference Materials																					
STD AMIS0330	Standard																				
STD AMIS0349	Standard																				
STD AMIS0342	Standard																				
STD AMIS0330	Standard																				
STD AMIS0349	Standard																				
STD AMIS0330	Standard																				
STD AMIS0330	Standard																				
STD AMIS0349	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD GGC-09	Standard																				



Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

QUALITY CONTROL REPORT

WHI20000608.1

		LF725 K2O %	LF725 MnO %	LF725 TiO2 %	LF725 P2O5 %	LF725 Cr2O3 %	LF725 Ba %	LF725 Cu %	LF725 Pb %	LF725 Zn %	LF725 LOI %	LF725 SUM_T %	LF725 V2O5 %	TC000 TOT/C %	TC000 TOT/S %	TC005 C/ORG %	TC005 C/GRA %	TC006 CO2 %	TC010 S/S- %	TC010 SO4 %	SPG04 Density g/cm3	
		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-5.11	0.01	0.01	0.02	0.02	0.02	0.02	0.08	0.02	0.15	0.01	
Core Reject Duplicates																						
3205671	Drill Core	1.00	<0.01	0.41	0.08	<0.01	0.35	<0.01	0.02	0.19	6.39	99.09	0.08	1.99	4.68	1.94	0.05	<0.08	3.06	4.85	2.79	
DUP 3205671	QC	1.00	<0.01	0.43	0.07	0.01	0.35	<0.01	0.02	0.18	6.44	99.55	0.07	1.97	4.57	1.91	0.05	<0.08	3.02	4.65	2.81	
3205705	Drill Core	1.13	0.02	0.42	0.13	<0.01	1.52	<0.01	0.03	0.37	8.82	100.04	0.06	1.93	9.73	1.89	0.04	<0.08	7.63	6.29	2.95	
DUP 3205705	QC	1.14	0.01	0.45	0.13	<0.01	1.54	<0.01	0.04	0.35	8.82	99.81	0.06	1.89	9.18	1.85	0.03	<0.08	7.75	4.29	2.94	
3205739	Drill Core	0.19	0.02	0.08	0.04	0.01	0.13	<0.01	0.63	4.52	23.12	99.66	0.05	2.45	35.04	2.39	0.05	<0.08	25.92	27.32	3.85	
DUP 3205739	QC	0.18	0.02	0.07	0.05	<0.01	0.13	<0.01	0.58	4.37	23.12	99.67	0.05	2.21	33.46	2.14	0.06	<0.08	23.56	29.66	3.78	
3205773	Drill Core	0.42	1.07	1.67	0.54	0.11	0.38	<0.01	0.95	0.04	20.35	99.45	0.05	5.84	3.36	1.63	0.04	15.29	2.49	2.61	3.55	
DUP 3205773	QC	0.42	1.08	1.68	0.56	0.12	0.36	<0.01	0.98	0.04	20.33	99.33	0.05	5.85	3.49	2.27	0.04	12.98	2.17	3.95	3.54	
Reference Materials																						
STD AMIS0330	Standard																					3.19
STD AMIS0349	Standard																					2.80
STD AMIS0342	Standard																					2.70
STD AMIS0330	Standard																					3.25
STD AMIS0349	Standard																					2.86
STD AMIS0330	Standard																					3.25
STD AMIS0330	Standard																					3.24
STD AMIS0349	Standard																					2.86
STD COO2	Standard																					3.46
STD COO2	Standard																					3.54
STD COO2	Standard																					3.41
STD COO2	Standard																					3.53
STD COO2	Standard																					3.41
STD COO2	Standard																					3.43
STD COO2	Standard																					3.46
STD COO2	Standard																					3.27
STD COO2	Standard																					3.43
STD COO2	Standard																					3.38
STD GGC-09	Standard																					2.39



Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: MacMillan Pass
Report Date: February 19, 2021

Page: 4 of 7

Part: 1 of 3

QUALITY CONTROL REPORT

WHI20000608.1

		WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01
STD GGC-09	Standard																			
STD GGC-09	Standard																			
STD GGC-09	Standard																			
STD GGC-09	Standard																			
STD GGC-10	Standard																			
STD GGC-10	Standard																			
STD GGC-10	Standard																			
STD GGC-10	Standard																			
STD GGC-10	Standard																			
STD GS311-1	Standard																			
STD GS311-1	Standard																			
STD GS311-1	Standard																			
STD GS311-1	Standard																			
STD GS314-1	Standard																			
STD GS314-1	Standard																			
STD GS314-1	Standard																			
STD GS314-1	Standard																			
STD GS910-4	Standard																			
STD GS910-4	Standard																			
STD GS910-4	Standard																			
STD GS910-4	Standard																			
STD OREAS135	Standard		8.7	301.8	17575.5	28237	55.6	38.4	31.5	4047	9.03	913	9.0	9.9	26	72.3	40.0	4.7	34	1.87
STD OREAS135	Standard		7.4	270.4	16937.7	27587	54.3	34.6	29.2	3932	8.83	930	9.1	11.2	24	66.1	37.5	4.7	33	1.82
STD OREAS133B(D)	Standard																			
STD OREAS133B(D)	Standard																			
STD OREAS133B(D)	Standard																			
STD OREAS133B(D)	Standard																			
STD OREAS605	Standard		5.1	47308.3	868.6	2152	975.7	1618.6	95.4	82	3.74	1704	0.9	2.5	48	14.5	286.4	19.5	<10	0.18
STD OREAS605	Standard		5.0	48802.6	879.3	2207	973.4	1638.7	103.8	87	3.71	1674	0.9	2.4	48	14.7	283.4	18.5	<10	0.18
STD OREAS605	Standard		4.5	46814.1	889.5	2075	>1000	1519.3	96.2	80	3.65	1675	0.9	2.7	51	15.5	303.7	20.6	<10	0.18



**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:

Fireweed Zinc Ltd.

Suite 1020, 800 Pender Street

Vancouver British Columbia V5C 2V6 Canada

Project:

MacMillan Pass

Report Date:

February 19, 2021

Page:

4 of 7

Part:

2 of 3

QUALITY CONTROL REPORT

WHI20000608.1

		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF725	LF725	LF725	LF725	LF725	
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	SiO2	Al2O3	Fe2O3	CaO	MgO
		ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	%	%
		0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01	0.01	0.01	0.01	0.01
STD GGC-09	Standard																				
STD GGC-09	Standard																				
STD GGC-09	Standard																				
STD GGC-09	Standard																				
STD GGC-10	Standard																				
STD GGC-10	Standard																				
STD GGC-10	Standard																				
STD GGC-10	Standard																				
STD GGC-10	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS314-1	Standard																				
STD GS314-1	Standard																				
STD GS314-1	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD OREAS135	Standard	37.5	26.2	0.85	375	0.028	1.22	0.02	0.58	3.0	1.23	3.4	6.7	7.08	<5	<2					
STD OREAS135	Standard	37.7	22.9	0.84	384	0.028	1.14	0.02	0.51	2.8	1.08	3.7	6.2	7.12	<5	<2					
STD OREAS133B(D)	Standard																33.66	6.82	11.53	5.31	3.80
STD OREAS133B(D)	Standard																33.71	6.85	11.62	5.32	3.80
STD OREAS133B(D)	Standard																33.65	6.87	11.59	5.31	3.75
STD OREAS133B(D)	Standard																33.84	6.91	11.60	5.30	3.80
STD OREAS605	Standard	7.6	28.8	0.03	210	0.011	0.74	0.03	0.14	7.5	1.66	1.3	15.8	7.77	7	81					
STD OREAS605	Standard	7.7	32.3	0.03	196	0.012	0.82	0.03	0.14	7.0	1.61	1.0	15.7	7.68	7	80					
STD OREAS605	Standard	7.8	27.3	0.03	188	0.010	0.71	0.03	0.13	7.5	1.53	1.5	16.3	7.68	6	76					



**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:

Fireweed Zinc Ltd.

Suite 1020, 800 Pender Street

Vancouver British Columbia V5C 2V6 Canada

Project:

MacMillan Pass

Report Date:

February 19, 2021

Page:

4 of 7

Part:

3 of 3

QUALITY CONTROL REPORT

WHI20000608.1

		LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC000	TC000	TC005	TC005	TC006	TC010	TC010	SPG04	
		K2O	MnO	TiO2	P2O5	Cr2O3	Ba	Cu	Pb	Zn	LOI	SUM_T	V2O5	TOT/C	TOT/S	C/ORG	C/GRA	CO2	S/S-	SO4	Density	
		%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g/cm3	
		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-5.11	0.01	0.01	0.02	0.02	0.02	0.02	0.08	0.02	0.15	0.01	
STD GGC-09	Standard																	2.38				
STD GGC-09	Standard																	2.25				
STD GGC-09	Standard																	2.31				
STD GGC-09	Standard																	2.36				
STD GGC-10	Standard																	4.96				
STD GGC-10	Standard																	4.85				
STD GGC-10	Standard																	4.58				
STD GGC-10	Standard																	4.68				
STD GGC-10	Standard																	4.84				
STD GS311-1	Standard													0.93	2.44							
STD GS311-1	Standard													0.98	2.39							
STD GS311-1	Standard													1.01	2.33							
STD GS311-1	Standard													0.98	2.28							
STD GS314-1	Standard													1.34	29.30							
STD GS314-1	Standard													1.39	29.30							
STD GS314-1	Standard													1.33	28.76							
STD GS910-4	Standard													2.61	8.69							
STD GS910-4	Standard													2.65	8.22							
STD GS910-4	Standard													2.74	8.64							
STD GS910-4	Standard													2.64	8.15							
STD OREAS135	Standard																					
STD OREAS135	Standard																					
STD OREAS133B(D)	Standard	3.48	0.16	0.22	0.10	<0.01	0.08	0.03	5.04	11.41	13.03	98.06	0.02									
STD OREAS133B(D)	Standard	3.48	0.15	0.23	0.09	<0.01	0.06	0.03	5.06	11.36	13.03	98.16	<0.01									
STD OREAS133B(D)	Standard	3.47	0.16	0.23	0.09	<0.01	0.07	0.03	5.06	11.35	13.03	98.03	<0.01									
STD OREAS133B(D)	Standard	3.47	0.16	0.23	0.09	<0.01	0.07	0.03	5.08	11.46	13.03	98.49	<0.01									
STD OREAS605	Standard																					
STD OREAS605	Standard																					
STD OREAS605	Standard																					



**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:

Fireweed Zinc Ltd.

Suite 1020, 800 Pender Street

Vancouver British Columbia V5C 2V6 Canada

Project:

MacMillan Pass

Report Date:

February 19, 2021

Page:

5 of 7

Part:

1 of 3

QUALITY CONTROL REPORT

WHI20000608.1

		WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
STD OREAS605	Standard		4.6	46740.8	858.9	2156	972.2	1602.9	96.8	82	3.70	1683	0.9	2.8	50	15.0	298.4	18.5	<10	0.17	0.011
STD OREAS605	Standard		5.0	50052.3	878.3	2172	971.6	1642.2	100.3	88	3.79	1710	0.9	2.6	54	14.9	311.5	20.5	<10	0.17	0.010
STD OREAS72B	Standard																				
STD OREAS72B	Standard																				
STD OREAS72B	Standard																				
STD OREAS72B	Standard																				
STD OREAS927-AR	Standard		1.0	10481.4	208.9	697	4.6	29.9	29.6	1051	8.18	11	1.6	12.3	13	1.1	1.3	66.1	33	0.30	0.053
STD OREAS927-AR	Standard		1.0	10747.6	220.0	714	4.2	28.4	30.4	1051	8.02	11	1.7	13.7	11	1.0	1.2	70.4	33	0.31	0.054
STD OREAS927-AR	Standard		1.2	10737.8	223.2	713	4.8	30.7	30.7	1048	8.19	15	1.8	13.4	12	1.2	1.3	70.2	35	0.30	0.058
STD RTS-3A	Standard																				
STD RTS-3A	Standard																				
STD RTS-3A	Standard																				
STD RTS-3A	Standard																				
STD RTS-3A	Standard																				
STD SY-4(D)	Standard																				
STD SY-4(D)	Standard																				
STD SY-4(D)	Standard																				
STD SY-4(D)	Standard																				
STD AMIS0342 Expected																					
STD AMIS0330 Expected																					
STD AMIS0349 Expected																					
STD GS311-1 Expected																					
STD GS910-4 Expected																					
STD GS314-1 Expected																					
STD OREAS135 Expected			8.25	294	17000	28000	55.2	36	29.6	3960	8.97	937	9.4	10.4	26.5	67	38	5.1	33.4	1.83	0.086
STD OREAS605 Expected			4.75	49800	856	2170	984	1568	96	83.44	3.6707	1674	0.9		49	13.6	290	19	7.8	0.182	0.0105
STD OREAS927-AR Expected			1.06	10715	203	726	4.9	30.9	29.4	1110	8.15	13.5	1.7	12.5	13.1	1.1	1.3	66	34	0.3	0.054
STD SY-4(D) Expected																					
STD OREAS72B Expected																					



Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Project: MacMillan Pass
Report Date: February 19, 2021

Page: 5 of 7

Part: 2 of 3

QUALITY CONTROL REPORT

WHI20000608.1

		AQ270 La ppm 0.5	AQ270 Cr ppm 0.5	AQ270 Mg % 0.01	AQ270 Ba ppm 5	AQ270 Ti % 0.001	AQ270 Al % 0.01	AQ270 Na % 0.01	AQ270 K % 0.01	AQ270 W ppm 0.5	AQ270 Hg ppm 0.05	AQ270 Sc ppm 0.5	AQ270 Ti ppm 0.5	AQ270 S % 0.05	AQ270 Ga ppm 5	AQ270 Se ppm 2	LF725 SiO2 % 0.01	LF725 Al2O3 % 0.01	LF725 Fe2O3 % 0.01	LF725 CaO % 0.01	LF725 MgO % 0.01
STD OREAS605	Standard	7.7	29.5	0.03	180	0.011	0.77	0.03	0.15	6.4	1.77	1.2	14.9	7.71	7	80					
STD OREAS605	Standard	7.8	33.5	0.03	164	0.011	0.82	0.03	0.15	7.3	1.65	1.6	15.2	7.70	7	82					
STD OREAS72B	Standard																51.27	8.96	9.85	3.97	16.05
STD OREAS72B	Standard																51.06	8.94	9.89	3.98	16.10
STD OREAS72B	Standard																51.19	8.95	9.89	3.96	16.08
STD OREAS72B	Standard																51.06	8.97	9.89	3.97	16.03
STD OREAS927-AR	Standard	27.4	42.6	1.91	46	0.088	3.25	<0.01	0.26	4.8	0.16	4.5	<0.5	1.73	9	16					
STD OREAS927-AR	Standard	28.1	40.4	1.90	52	0.085	3.16	<0.01	0.26	5.3	0.05	5.5	<0.5	1.79	9	15					
STD OREAS927-AR	Standard	30.0	42.8	1.93	52	0.093	3.40	<0.01	0.27	4.7	0.12	5.3	<0.5	1.73	9	16					
STD RTS-3A	Standard																				
STD RTS-3A	Standard																				
STD RTS-3A	Standard																				
STD RTS-3A	Standard																				
STD SY-4(D)	Standard																49.75	20.69	6.17	7.97	0.52
STD SY-4(D)	Standard																49.67	20.73	6.17	8.00	0.53
STD SY-4(D)	Standard																49.90	20.79	6.17	7.99	0.53
STD SY-4(D)	Standard																49.94	20.84	6.21	7.98	0.53
STD AMIS0342 Expected																					
STD AMIS0330 Expected																					
STD AMIS0349 Expected																					
STD GS311-1 Expected																					
STD GS910-4 Expected																					
STD GS314-1 Expected																					
STD OREAS135 Expected		39.8	22	0.833	366	0.026	1.09	0.017	0.487	2.93	1.21	3.51	6.27	7.08	4.8						
STD OREAS605 Expected		7.5	28.8	0.0289	222	0.0103	0.73	0.0328	0.134	7.1	1.7	1.3	15.5	7.86	6.7	77					
STD OREAS927-AR Expected		26.9	41.7	1.94	51.4	0.085	3.25	0.011	0.27	4.9	0.12	4.74		1.77	9.09	15.5					
STD SY-4(D) Expected																	49.9	20.69	6.21	8.05	0.54
STD OREAS72B Expected																	51.17	8.97	9.724	3.96	15.933



Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: MacMillan Pass
Report Date: February 19, 2021

Page: 5 of 7

Part: 3 of 3

QUALITY CONTROL REPORT

WHI20000608.1

		LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC000	TC000	TC005	TC005	TC006	TC010	TC010	SPG04	
		K2O	MnO	TiO2	P2O5	Cr2O3	Ba	Cu	Pb	Zn	LOI	SUM_T	V2O5	TOT/C	TOT/S	C/ORG	C/GRA	CO2	S/S-	SO4	Density
		%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g/cm3
		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-5.11	0.01	0.01	0.02	0.02	0.02	0.02	0.08	0.02	0.15	0.01
STD OREAS605	Standard																				
STD OREAS605	Standard																				
STD OREAS72B	Standard	1.34	0.13	0.34	0.06	0.15	0.03	0.02	<0.01	<0.01	5.23	98.72	0.01								
STD OREAS72B	Standard	1.32	0.13	0.35	0.06	0.15	0.03	0.02	<0.01	<0.01	4.97	98.31	0.01								
STD OREAS72B	Standard	1.33	0.13	0.35	0.06	0.15	0.03	0.02	<0.01	<0.01	5.04	98.49	0.01								
STD OREAS72B	Standard	1.34	0.13	0.35	0.06	0.14	0.03	0.02	<0.01	0.01	5.27	98.59	0.01								
STD OREAS927-AR	Standard																				
STD OREAS927-AR	Standard																				
STD OREAS927-AR	Standard																				
STD RTS-3A	Standard																			7.03	
STD RTS-3A	Standard																			6.84	
STD RTS-3A	Standard																			7.01	
STD RTS-3A	Standard																			6.30	
STD RTS-3A	Standard																			7.07	
STD SY-4(D)	Standard	1.66	0.11	0.30	0.14	<0.01	0.03	<0.01	<0.01	0.01	4.56	99.03	<0.01								
STD SY-4(D)	Standard	1.66	0.11	0.30	0.14	<0.01	0.04	<0.01	0.02	0.01	4.56	99.04	<0.01								
STD SY-4(D)	Standard	1.66	0.11	0.30	0.14	<0.01	0.03	<0.01	0.02	0.01	4.56	99.34	<0.01								
STD SY-4(D)	Standard	1.66	0.11	0.30	0.14	<0.01	0.04	<0.01	0.02	0.01	4.56	99.48	<0.01								
STD AMIS0342 Expected																					2.67
STD AMIS0330 Expected																					3.21
STD AMIS0349 Expected																					2.77
STD GS311-1 Expected														1.02	2.35						
STD GS910-4 Expected														2.65	8.27						
STD GS314-1 Expected														1.41	29.11						
STD OREAS135 Expected																					
STD OREAS605 Expected																					
STD OREAS927-AR Expected																					
STD SY-4(D) Expected		1.66	0.108	0.287	0.131	0.0345						4.56									
STD OREAS72B Expected		1.313	0.13	0.355	0.061	0.142	0.0335	0.0193				5.12									



**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:

Fireweed Zinc Ltd.

Suite 1020, 800 Pender Street

Vancouver British Columbia V5C 2V6 Canada

Project:

MacMillan Pass

Report Date:

February 19, 2021

Page:

6 of 7

Part:

1 of 3

QUALITY CONTROL REPORT

WHI20000608.1

		WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01
STD OREAS133B(D) Expected																				
STD GGC-10 Expected																				
STD GGC-09 Expected																				
STD RTS-3A Expected																				
STD COO2 Expected																				
BLK	Blank		<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01
BLK	Blank		<0.5	<0.5	<0.5	5	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01
BLK	Blank																			
BLK	Blank		<0.5	<0.5	1.0	<5	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank		<0.5	<0.5	1.1	<5	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01
BLK	Blank																			
BLK	Blank																			
SI BLK	Blank																			
SI BLK	Blank																			
BLK	Blank																			
BLK	Blank		<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01
SI BLK	Blank																			
SI BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			



**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:

Fireweed Zinc Ltd.

Suite 1020, 800 Pender Street

Vancouver British Columbia V5C 2V6 Canada

Project:

MacMillan Pass

Report Date:

February 19, 2021

Page:

6 of 7

Part:

2 of 3

QUALITY CONTROL REPORT

WHI20000608.1

		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF725	LF725	LF725	LF725	LF725
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	SiO2	Al2O3	Fe2O3	CaO	MgO
		ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	%	%
		0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01	0.01	0.01	0.01	0.01
STD OREAS133B(D) Expected																	33.83	6.91	11.67	5.4	3.73
STD GGC-10 Expected																					
STD GGC-09 Expected																					
STD RTS-3A Expected																					
STD COO2 Expected																					
BLK	Blank	<0.5	<0.5	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	<0.05	<0.5	<0.5	<0.05	<5	<2					
BLK	Blank	<0.5	<0.5	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	<0.05	<0.5	<0.5	<0.05	<5	<2					
BLK	Blank																				
BLK	Blank	<0.5	<0.5	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	<0.05	<0.5	<0.5	<0.05	<5	<2					
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.5	<0.5	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	<0.05	<0.5	<0.5	<0.05	<5	<2					
BLK	Blank																				
BLK	Blank																				
SI BLK	Blank																99.70	0.29	0.02	<0.01	<0.01
SI BLK	Blank																99.10	0.29	0.03	<0.01	0.01
BLK	Blank																				
BLK	Blank	<0.5	<0.5	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	<0.05	<0.5	<0.5	<0.05	<5	<2					
SI BLK	Blank																99.53	0.29	0.02	0.02	<0.01
SI BLK	Blank																98.65	0.31	0.01	<0.01	0.02
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				



**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:

Fireweed Zinc Ltd.

Suite 1020, 800 Pender Street

Vancouver British Columbia V5C 2V6 Canada

Project:

MacMillan Pass

Report Date:

February 19, 2021

Page:

6 of 7

Part:

3 of 3

QUALITY CONTROL REPORT

WHI20000608.1

		LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC000	TC000	TC005	TC005	TC006	TC010	TC010	SPG04
		K2O	MnO	TiO2	P2O5	Cr2O3	Ba	Cu	Pb	Zn	LOI	SUM_T	V2O5	TOT/C	TOT/S	C/ORG	C/GRA	CO2	S/S-	SO4
		%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-5.11	0.01	0.01	0.02	0.02	0.02	0.02	0.08	0.02	0.15
STD OREAS133B(D) Expected							0.08	0.032	5.06	11.35										
STD GGC-10 Expected																		4.79		
STD GGC-09 Expected																		2.41		
STD RTS-3A Expected																			7	
STD COO2 Expected																		3.43		
BLK	Blank																			
BLK	Blank																			
BLK	Blank																	<0.02		
BLK	Blank																			
BLK	Blank													<0.02	<0.02					
BLK	Blank													<0.02	<0.02					
BLK	Blank													<0.02	<0.02					
BLK	Blank													<0.02	<0.02					
BLK	Blank																	<0.02		
BLK	Blank																	<0.02		
BLK	Blank																	<0.02		
SI BLK	Blank	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.00	99.97	<0.01							
SI BLK	Blank	<0.01	<0.01	0.03	<0.01	<0.01	0.04	<0.01	<0.01	<0.01	0.00	99.50	<0.01							
BLK	Blank																		<0.02	
BLK	Blank																			
SI BLK	Blank	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.00	99.86	<0.01							
SI BLK	Blank	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.00	99.02	<0.01							
BLK	Blank																		<0.02	
BLK	Blank																		<0.02	
BLK	Blank																		<0.02	
BLK	Blank																		<0.02	
BLK	Blank																		<0.02	
BLK	Blank																		<0.08	
BLK	Blank																		<0.08	



**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:

Fireweed Zinc Ltd.

Suite 1020, 800 Pender Street

Vancouver British Columbia V5C 2V6 Canada

Project:

MacMillan Pass

Report Date:

February 19, 2021

Page:

7 of 7

Part:

1 of 3

QUALITY CONTROL REPORT

WHI20000608.1

		WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
Prep Wash																				
ROCK-WHI	Prep Blank		0.8	2.3	1.7	50	<0.5	1.2	3.4	483	1.93	<5	0.5	2.2	35	<0.5	<0.5	<0.5	23	0.74
ROCK-WHI	Prep Blank		0.7	2.1	1.8	42	<0.5	1.2	3.6	461	1.96	<5	<0.5	2.4	19	<0.5	<0.5	<0.5	24	0.58



Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: **Fireweed Zinc Ltd.**
Suite 1020, 800 Pender Street
Vancouver British Columbia V5C 2V6 Canada

Project: MacMillan Pass
Report Date: February 19, 2021

Page: 7 of 7

Part: 2 of 3

QUALITY CONTROL REPORT

WHI20000608.1

		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF725	LF725	LF725	LF725	LF725
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	SiO2	Al2O3	Fe2O3	CaO	MgO
		ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	%	%
		0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01	0.01	0.01	0.01	0.01
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
ROCK-WHI	Prep Blank	6.5	2.9	0.47	66	0.106	0.83	0.07	0.09	<0.5	<0.05	3.2	<0.5	<0.05	<5	<2	71.18	14.12	3.18	2.50	0.86
ROCK-WHI	Prep Blank	6.5	2.9	0.46	51	0.109	0.85	0.08	0.08	<0.5	<0.05	2.9	<0.5	<0.05	<5	<2	71.45	14.09	3.27	2.31	0.85



**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:

Fireweed Zinc Ltd.

Suite 1020, 800 Pender Street

Vancouver British Columbia V5C 2V6 Canada

Project:

MacMillan Pass

Report Date:

February 19, 2021

Page:

7 of 7

Part:

3 of 3

QUALITY CONTROL REPORT

WHI20000608.1

		LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC000	TC000	TC005	TC005	TC006	TC010	TC010	SPG04
		K2O	MnO	TiO2	P2O5	Cr2O3	Ba	Cu	Pb	Zn	LOI	SUM_T	V2O5	TOT/C	TOT/S	C/ORG	C/GRA	CO2	S/S-	SO4
		%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-5.11	0.01	0.01	0.02	0.02	0.02	0.02	0.08	0.02	0.15
																				0.01
BLK	Blank																			<0.08
BLK	Blank																			<0.02
BLK	Blank																			<0.08
BLK	Blank																			<0.08
Prep Wash																				
ROCK-WHI	Prep Blank	2.10	0.09	0.34	0.10	<0.01	0.08	<0.01	<0.01	<0.01	0.89	99.96	0.01	0.11	<0.02	<0.02	<0.02	0.40	<0.02	<0.15
ROCK-WHI	Prep Blank	2.06	0.08	0.34	0.10	<0.01	0.09	<0.01	<0.01	<0.01	0.68	99.87	<0.01	0.06	<0.02	<0.02	<0.02	0.22	<0.02	<0.15