



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

Submitted By: Confirmation & Email Distribution List
Receiving Lab: Canada-Whitehorse
Received: September 17, 2019
Report Date: November 13, 2019
Page: 1 of 6

CERTIFICATE OF ANALYSIS

WHI19000550.2

CLIENT JOB INFORMATION

Project: MacMillan Pass
Shipment ID: FWZ-19-BV-026
P.O. Number
Number of Samples: 138

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	133	Crush, split and pulverize 500g rock to 200 mesh			WHI
SLBHP	5	Sort, label and box pulps			WHI
CRUBW	133	Extra clean rock wash between samples in crusher			WHI
PULSW	133	Extra Wash with Silica between each sample			WHI
AQ270	138	1:1:1 Aqua Regia digestion ICP-ES/ICP-MS analysis	1	Completed	VAN
LF725	138	Li2B4O7/LiBO2 fusion, analysis by XRF		Completed	VAN
TC000	138	Total C/S Analysis by Leco	0.1	Completed	VAN
TC007	138	Graphite and Organic C by Leco After Ignition	0.1	Completed	VAN
TC006	138	Inorganic Carbon	0.2	Completed	VAN
TC009	138	Sulfide and Sulfate	0.1	Completed	VAN
SHP01	138	Per sample shipping charges for branch shipments			VAN
LF726	11	Li2B4O7/LiBO2 fusion, analysis by XRF		Completed	VAN
GC204	13	HF + AR digestion, analyzed by ICP & MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS

Version 2 : GC204-Ga Ge included. V205 from LF725 is Qualitative Data only.


MAY LAI
Data Validation Specialist

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:

November 13, 2019

Page:

2 of 6

Part:

1 of 4

CERTIFICATE OF ANALYSIS

WHI19000550.2

	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
3201191	Drill Core	1.13	5.0	16.1	52.9	1635	1.2	120.9	14.5	2081	6.20	118	1.4	0.9	58	5.7	33.6	<0.5	48	0.16	0.048			
3201192	Drill Core	1.12	4.3	24.2	1072.2	6185	1.0	64.7	8.3	677	2.84	50	1.8	1.7	233	8.6	24.0	<0.5	45	0.48	0.198			
3201193	Drill Core	1.33	7.2	26.9	71.6	1466	1.7	104.8	14.1	1456	5.29	120	2.1	1.4	125	4.5	37.5	<0.5	58	0.33	0.131			
3201194	Drill Core	1.43	6.5	23.6	323.8	885	2.8	475.2	71.8	9801	26.07	631	2.2	1.1	174	2.5	43.2	<0.5	168	0.61	0.157			
3201195	Drill Core	1.04	6.0	14.7	197.8	821	1.7	301.0	37.7	8632	22.65	355	2.9	1.2	178	2.7	24.3	<0.5	164	0.60	0.139			
3201196	Drill Core	1.05	7.2	35.2	107.8	11751	1.8	145.7	14.8	502	2.51	155	8.0	0.8	101	52.0	23.5	<0.5	123	0.23	0.122			
3201197	Drill Core	1.47	1.8	15.6	117.6	715	1.8	51.6	5.3	1711	4.87	42	1.5	0.9	81	9.0	14.7	<0.5	66	0.14	0.066			
3201198	Drill Core	1.64	1.0	51.3	55.9	43628	3.4	62.1	5.3	373	1.70	79	1.7	<0.5	55	135.0	14.8	<0.5	23	0.04	0.033			
3201199	Drill Core	0.71	2.3	22.4	77.2	23663	1.4	81.9	5.3	1695	5.53	73	14.1	<0.5	118	125.8	25.7	<0.5	104	0.10	0.107			
3201200	Rock Pulp	0.06	4.3	465.3	34958.2	48309	56.5	18.3	45.3	2362	7.23	152	1.6	7.0	26	171.7	48.9	<0.5	12	4.93	0.050			
3201201	Drill Core	0.40	1.5	62.8	57.6	78310	3.6	71.7	6.0	655	2.80	73	5.1	<0.5	43	238.3	20.8	<0.5	41	0.05	0.051			
3201202	Drill Core	0.61	1.8	62.6	58.0	75581	3.9	85.6	5.3	705	2.70	81	10.0	<0.5	80	217.7	24.8	<0.5	63	0.07	0.097			
3201203	Drill Core	0.84	1.6	122.4	124.2	115290	14.0	98.4	6.8	132	4.25	196	6.6	<0.5	171	530.2	60.8	<0.5	46	0.11	0.095			
3201204	Drill Core	1.24	2.4	27.8	113.3	6162	1.4	96.5	8.2	744	3.44	66	8.9	0.8	155	30.8	25.6	<0.5	56	0.12	0.090			
3201205	Drill Core	1.37	1.6	18.1	287.0	4806	1.2	46.1	4.6	2757	8.98	61	2.2	<0.5	30	25.0	16.7	<0.5	34	0.11	0.026			
3201206	Drill Core	2.10	2.6	23.1	40.0	1490	<0.5	38.7	9.8	19	0.52	58	5.1	1.8	169	9.2	11.5	<0.5	24	0.23	0.121			
3201207	Drill Core	1.67	2.2	25.2	72.6	7691	0.8	37.3	8.5	215	1.65	49	4.2	0.6	47	38.6	16.9	<0.5	20	0.07	0.046			
3201208	Drill Core	1.36	1.4	7.1	28.2	3951	<0.5	24.2	5.3	980	3.80	16	0.6	0.6	46	15.8	11.0	<0.5	22	0.09	0.037			
3201209	Drill Core	1.32	3.1	34.6	104.3	11776	1.3	46.6	14.8	1046	4.95	63	6.6	0.7	57	72.0	30.4	<0.5	31	0.10	0.056			
3201210	Drill Core	1.13	1.4	9.8	41.7	1527	0.6	33.5	10.5	771	2.99	32	1.6	0.5	28	10.5	14.6	<0.5	18	0.06	0.030			
3201211	Drill Core	0.99	1.6	10.9	43.3	4667	0.7	39.0	7.8	701	2.89	31	3.5	<0.5	51	28.8	15.8	<0.5	22	0.10	0.049			
3201212	Drill Core	1.07	3.6	93.2	101.0	72195	7.3	50.4	8.5	2368	8.54	68	11.6	1.3	129	475.1	23.5	<0.5	88	0.29	0.172			
3201213	Drill Core	0.73	1.6	145.4	120.9	91326	9.5	39.6	16.0	2054	7.16	71	1.5	1.5	115	441.5	38.8	<0.5	43	0.25	0.107			
3201214	Drill Core	1.68	3.4	85.8	103.3	25511	2.8	52.8	14.4	1372	5.88	75	1.0	1.4	116	125.5	41.3	<0.5	55	0.23	0.095			
3201215	Drill Core	2.24	2.3	55.0	49.6	8417	0.9	40.1	15.0	1686	5.64	49	1.1	1.7	101	50.6	18.6	<0.5	37	0.16	0.058			
3201216	Drill Core	1.55	1.8	9.5	33.5	109	<0.5	30.7	8.1	1929	6.30	39	2.2	1.5	97	3.3	12.3	<0.5	44	0.14	0.047			
3201217	Drill Core	2.08	2.3	27.3	59.9	101	1.2	44.2	12.1	2329	7.73	53	1.6	1.6	94	3.5	26.1	<0.5	70	0.19	0.061			
3201218	Drill Core	1.96	1.9	28.2	47.4	3757	0.8	39.6	11.0	1637	5.39	45	1.3	1.5	101	24.1	16.2	<0.5	36	0.18	0.074			
3201219	Drill Core	2.08	1.9	10.1	107.0	2457	0.7	34.6	10.9	2649	8.46	47	0.5	1.5	110	13.8	10.6	<0.5	53	0.22	0.070			
3201220	Drill Core	1.27	0.8	44.3	2.6	33	<0.5	4.0	8.2	446	2.82	<5	0.8	2.4	108	<0.5	<0.5	<0.5	104	1.16	0.053			



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:

November 13, 2019

Page:

2 of 6

Part:

2 of 4

CERTIFICATE OF ANALYSIS

WHI19000550.2

	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
3201191	Drill Core	0.6	25.4	0.12	62	0.001	0.11	<0.01	0.03	<0.5	1.38	4.1	<0.5	1.52	<5	3	79.10	3.79	9.46	0.24	0.25
3201192	Drill Core	2.6	20.7	0.05	1499	0.003	0.37	<0.01	0.13	<0.5	1.41	2.2	1.0	1.62	<5	3	76.32	5.44	4.36	0.70	0.17
3201193	Drill Core	3.5	22.5	0.10	151	0.002	0.24	<0.01	0.09	<0.5	1.35	4.6	1.1	2.12	<5	4	78.45	6.00	8.01	0.48	0.24
3201194	Drill Core	1.2	259.1	0.59	78	0.006	0.46	<0.01	0.02	<0.5	1.08	17.1	0.5	1.78	<5	5	27.43	6.40	39.34	0.86	1.02
3201195	Drill Core	1.2	228.7	0.45	74	0.004	0.64	<0.01	0.02	<0.5	0.84	13.7	<0.5	0.63	<5	4	35.76	6.78	34.08	0.85	0.90
3201196	Drill Core	0.7	43.2	0.04	85	0.003	1.17	<0.01	0.04	<0.5	10.79	3.1	<0.5	1.54	<5	<2	81.97	5.31	3.74	0.34	0.09
3201197	Drill Core	1.6	17.5	0.11	90	0.001	0.35	<0.01	0.05	<0.5	0.77	3.8	<0.5	0.58	<5	<2	80.11	4.97	7.44	0.22	0.24
3201198	Drill Core	<0.5	12.8	0.03	60	<0.001	0.32	<0.01	0.03	<0.5	40.67	1.2	<0.5	2.57	<5	<2	85.28	2.68	2.64	0.06	0.08
3201199	Drill Core	0.8	29.8	0.12	3167	0.002	1.16	<0.01	0.03	<0.5	22.75	8.5	<0.5	1.72	<5	<2	75.41	4.20	8.31	0.16	0.24
3201200	Rock Pulp	24.6	14.9	2.66	263	0.020	1.02	0.01	0.75	0.5	1.20	2.9	46.7	8.09	<5	<2	38.20	7.61	10.90	6.93	4.88
3201201	Drill Core	0.6	18.8	0.06	117	0.002	0.55	<0.01	0.03	<0.5	70.86	3.9	<0.5	4.30	<5	<2	78.35	2.99	4.17	0.07	0.12
3201202	Drill Core	0.6	27.6	0.06	851	0.001	0.89	<0.01	0.03	<0.5	65.87	5.3	<0.5	4.13	5	<2	75.99	3.58	4.03	0.12	0.12
3201203	Drill Core	0.7	19.8	0.01	57	0.001	0.73	<0.01	0.03	<0.5	81.48	2.8	1.1	9.89	<5	<2	67.77	3.61	6.12	0.17	0.05
3201204	Drill Core	1.5	25.6	0.05	500	0.001	0.74	<0.01	0.05	<0.5	6.91	3.5	0.6	1.67	<5	<2	81.49	5.76	5.26	0.22	0.14
3201205	Drill Core	<0.5	8.9	0.25	36	<0.001	0.24	<0.01	0.01	<0.5	4.91	4.1	0.6	1.96	<5	<2	74.68	2.10	13.48	0.16	0.51
3201206	Drill Core	3.4	21.7	<0.01	186	0.001	0.44	<0.01	0.12	<0.5	1.68	1.7	0.6	0.54	<5	<2	79.63	11.82	0.95	0.36	0.11
3201207	Drill Core	0.7	13.3	0.04	3487	<0.001	0.27	<0.01	0.04	<0.5	6.18	1.4	<0.5	1.45	<5	<2	87.97	3.47	2.65	0.12	0.11
3201208	Drill Core	1.0	8.9	0.14	82	<0.001	0.18	<0.01	0.05	<0.5	3.37	2.1	<0.5	0.80	<5	<2	84.14	3.29	5.82	0.15	0.31
3201209	Drill Core	0.9	15.9	0.15	79	0.001	0.34	<0.01	0.05	<0.5	10.06	2.5	<0.5	2.50	<5	<2	81.38	3.22	7.32	0.15	0.28
3201210	Drill Core	0.7	8.3	0.09	68	<0.001	0.18	<0.01	0.04	<0.5	1.81	0.8	<0.5	0.83	<5	<2	87.30	3.05	4.66	0.09	0.21
3201211	Drill Core	0.6	10.3	0.08	77	<0.001	0.25	<0.01	0.05	<0.5	4.12	2.2	<0.5	1.03	<5	<2	87.51	2.97	4.48	0.15	0.19
3201212	Drill Core	1.7	35.6	0.30	145	0.003	1.06	<0.01	0.10	<0.5	60.76	6.1	<0.5	4.33	<5	<2	58.41	6.48	12.67	0.43	0.58
3201213	Drill Core	1.5	17.3	0.28	129	0.001	0.43	<0.01	0.08	<0.5	60.52	5.1	1.2	5.36	7	2	63.02	3.71	10.23	0.37	0.49
3201214	Drill Core	2.2	16.1	0.17	151	0.001	0.46	<0.01	0.11	<0.5	20.23	4.7	1.0	2.98	<5	3	69.54	6.13	8.74	0.33	0.39
3201215	Drill Core	2.9	14.5	0.19	138	0.001	0.37	<0.01	0.11	<0.5	7.58	3.2	0.6	1.17	<5	<2	71.80	8.54	8.49	0.24	0.41
3201216	Drill Core	3.0	17.1	0.22	133	<0.001	0.36	<0.01	0.10	<0.5	0.45	4.8	<0.5	0.33	<5	<2	70.00	9.21	9.64	0.22	0.50
3201217	Drill Core	2.9	18.0	0.26	136	<0.001	0.34	<0.01	0.10	<0.5	0.47	6.8	<0.5	0.53	<5	<2	67.68	8.57	11.67	0.27	0.56
3201218	Drill Core	2.4	13.7	0.18	137	0.002	0.39	<0.01	0.11	<0.5	2.90	3.6	<0.5	0.69	<5	<2	74.24	7.82	8.24	0.28	0.41
3201219	Drill Core	2.4	17.7	0.32	141	0.001	0.33	<0.01	0.10	<0.5	2.13	5.3	0.5	0.63	<5	<2	67.62	7.62	12.86	0.33	0.65
3201220	Drill Core	7.0	4.2	0.81	183	0.189	2.04	0.30	0.30	<0.5	0.17	3.8	<0.5	<0.05	6	<2	60.31	16.77	6.37	6.20	2.85



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: November 13, 2019

Page: 2 of 6

Part: 3 of 4

CERTIFICATE OF ANALYSIS

WHI19000550.2

Method Analyte Unit MDL		LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC000	TC000	TC005	TC005	TC006	TC008	TC008	LF726
		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	Zn
		%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		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	0.05	0.05
3201191	Drill Core	0.25	0.28	0.35	0.12	<0.01	0.06	<0.01	<0.01	0.18	5.37	99.55	0.02	1.47	1.65	0.41	0.04	3.74	1.33	0.97	
3201192	Drill Core	0.85	0.09	0.45	0.52	0.01	3.18	<0.01	0.11	0.66	4.25	97.71	0.04	0.98	2.56	0.53	0.13	1.16	1.47	3.26	
3201193	Drill Core	0.60	0.20	0.46	0.35	0.01	0.10	<0.01	0.02	0.16	5.92	101.11	0.05	1.95	2.27	1.10	0.15	2.57	1.99	0.82	
3201194	Drill Core	0.18	1.25	1.27	0.41	0.06	0.05	<0.01	0.04	0.09	20.78	99.26	0.06	6.56	1.91	1.16	0.03	19.70	1.05	2.58	
3201195	Drill Core	0.21	1.10	1.37	0.40	0.06	0.05	<0.01	0.03	0.09	18.05	99.82	0.06	5.85	0.72	1.14	0.03	17.14	0.24	1.44	
3201196	Drill Core	0.32	0.07	0.51	0.30	0.01	0.07	<0.01	0.02	1.25	3.86	98.21	0.04	0.60	1.76	0.38	0.03	0.69	1.09	1.99	
3201197	Drill Core	0.44	0.25	0.26	0.15	<0.01	0.08	<0.01	0.02	0.08	5.04	99.35	0.03	1.46	0.66	0.48	0.08	3.32	0.46	0.60	
3201198	Drill Core	0.24	0.06	0.09	0.07	<0.01	0.05	<0.01	0.01	4.33	2.60	99.27	<0.01	0.32	2.75	0.15	<0.02	0.60	0.76	5.99	
3201199	Drill Core	0.21	0.21	0.09	0.25	<0.01	0.39	<0.01	0.02	2.55	6.35	99.07	0.02	1.35	1.78	0.32	<0.02	3.71	0.33	4.35	
3201200	Rock Pulp	3.62	0.30	0.24	0.11	<0.01	0.08	0.04	3.61	5.03	16.66	99.91	<0.01	3.29	8.21	0.82	<0.02	9.04	4.21	11.99	
3201201	Drill Core	0.23	0.09	0.08	0.12	<0.01	0.05	<0.01	0.02	7.82	4.19	100.25	0.01	0.50	4.46	0.19	<0.02	1.09	0.75	11.13	
3201202	Drill Core	0.22	0.08	0.08	0.23	<0.01	0.13	<0.01	<0.01	7.58	4.74	98.83	0.01	0.54	4.46	0.20	<0.02	1.19	0.64	11.47	
3201203	Drill Core	0.23	0.03	0.14	0.24	<0.01	0.03	<0.01	0.02	11.64	6.72	99.76	0.01	0.28	9.86	0.19	0.04	0.20	4.26	16.77	
3201204	Drill Core	0.54	0.10	0.27	0.24	<0.01	0.13	<0.01	0.02	0.69	4.38	99.54	0.02	0.80	1.70	0.26	0.09	1.65	1.23	1.41	
3201205	Drill Core	0.14	0.38	0.08	0.07	<0.01	0.01	<0.01	0.04	0.53	7.53	99.86	<0.01	1.98	2.13	0.37	<0.02	5.86	1.48	1.96	
3201206	Drill Core	1.50	0.01	0.76	0.34	0.01	0.19	<0.01	0.01	0.16	3.24	99.30	0.04	0.71	0.61	0.52	0.19	<0.08	0.53	0.25	
3201207	Drill Core	0.45	0.04	0.18	0.13	0.01	0.49	<0.01	0.02	0.85	2.37	99.14	0.01	0.36	1.51	0.21	0.04	0.42	0.95	1.67	
3201208	Drill Core	0.48	0.14	0.20	0.09	<0.01	0.07	<0.01	0.01	0.44	3.58	98.91	0.01	0.99	0.81	0.28	0.04	2.46	0.50	0.94	
3201209	Drill Core	0.41	0.14	0.20	0.15	<0.01	0.06	<0.01	0.02	1.27	4.64	99.63	0.01	1.01	2.45	0.32	0.02	2.44	1.66	2.37	
3201210	Drill Core	0.40	0.11	0.13	0.06	<0.01	0.06	<0.01	0.02	0.16	2.85	99.20	0.01	0.73	0.83	0.23	0.03	1.73	0.64	0.55	
3201211	Drill Core	0.39	0.10	0.14	0.11	0.01	0.05	<0.01	0.01	0.51	2.94	99.73	0.01	0.67	1.07	0.23	0.03	1.52	0.75	0.96	
3201212	Drill Core	0.72	0.31	0.38	0.38	0.02	0.10	<0.01	0.01	7.34	9.78	99.49	0.04	2.19	4.25	0.55	0.02	5.91	0.59	10.99	
3201213	Drill Core	0.61	0.25	0.33	0.26	<0.01	0.08	<0.01	0.03	9.11	7.81	98.63	0.02	1.77	5.34	0.51	0.02	4.51	0.98	13.07	
3201214	Drill Core	0.91	0.18	0.38	0.23	0.02	0.12	<0.01	0.02	2.76	6.44	96.94	0.03	1.59	3.27	0.69	0.06	3.10	1.82	4.35	
3201215	Drill Core	1.07	0.21	0.49	0.16	0.02	0.14	<0.01	<0.01	0.92	6.32	99.15	0.03	1.66	1.15	0.57	0.05	3.80	0.60	1.66	
3201216	Drill Core	1.06	0.27	0.53	0.14	0.01	0.14	<0.01	0.01	0.01	6.91	98.75	0.02	1.90	0.34	0.55	0.04	4.82	0.23	0.34	
3201217	Drill Core	0.98	0.32	0.52	0.15	0.02	0.12	<0.01	0.01	0.01	7.99	98.99	0.03	2.36	0.61	0.73	0.06	5.76	0.45	0.49	
3201218	Drill Core	0.89	0.22	0.49	0.19	0.01	0.12	<0.01	0.01	0.42	5.98	99.50	0.03	1.73	0.70	0.62	0.10	3.74	0.37	0.99	
3201219	Drill Core	0.94	0.35	0.48	0.18	0.01	0.12	<0.01	0.02	0.27	8.27	99.87	0.03	2.53	0.66	0.69	0.09	6.42	0.36	0.90	
3201220	Drill Core	1.51	0.14	0.54	0.14	<0.01	0.05	<0.01	<0.01	<0.01	0.98	99.15	0.02	0.03	<0.02	0.03	<0.02	<0.08	<0.05	0.13	



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: November 13, 2019

Page: 2 of 6

Part: 4 of 4

CERTIFICATE OF ANALYSIS

WHI19000550.2

Method	GC204	GC204
Analyte	Ga	Ge
Unit	ppm	ppm
MDL	1	1
3201191	Drill Core	
3201192	Drill Core	
3201193	Drill Core	
3201194	Drill Core	
3201195	Drill Core	
3201196	Drill Core	
3201197	Drill Core	
3201198	Drill Core	
3201199	Drill Core	
3201200	Rock Pulp	
3201201	Drill Core	
3201202	Drill Core	
3201203	Drill Core	
3201204	Drill Core	
3201205	Drill Core	
3201206	Drill Core	
3201207	Drill Core	
3201208	Drill Core	
3201209	Drill Core	
3201210	Drill Core	
3201211	Drill Core	
3201212	Drill Core	12 29
3201213	Drill Core	
3201214	Drill Core	
3201215	Drill Core	
3201216	Drill Core	
3201217	Drill Core	
3201218	Drill Core	
3201219	Drill Core	
3201220	Drill Core	



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:

November 13, 2019

Page:

3 of 6

Part:

1 of 4

CERTIFICATE OF ANALYSIS

WHI19000550.2

	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
3201221	Drill Core	1.76	2.0	64.9	440.0	31366	2.7	33.9	10.2	1247	4.33	40	0.9	1.7	121	131.2	16.0	<0.5	36	0.21	0.084			
3201222	Drill Core	1.89	2.0	30.0	480.6	25840	2.8	38.0	11.3	1431	4.73	47	1.2	1.7	126	113.8	16.6	<0.5	38	0.22	0.098			
3201223	Drill Core	1.60	1.8	13.8	845.1	13869	1.9	43.3	18.4	3318	10.99	57	<0.5	1.1	67	76.0	16.9	<0.5	41	0.17	0.046			
3201224	Drill Core	2.19	1.5	39.9	3056.3	42874	6.5	35.4	12.9	2068	7.57	52	<0.5	1.3	79	227.4	19.5	<0.5	41	0.18	0.062			
3201225	Drill Core	1.44	1.7	65.1	235.4	54859	3.9	40.1	12.5	2223	7.63	53	0.6	1.2	93	349.9	22.9	<0.5	36	0.20	0.072			
3201226	Drill Core	1.68	2.6	70.6	424.5	37405	4.5	44.1	16.4	2176	7.65	64	0.8	1.4	74	267.1	35.9	<0.5	46	0.17	0.057			
3201227	Drill Core	1.72	3.8	51.8	144.3	21609	2.8	44.4	11.5	1091	4.68	43	0.9	1.4	90	130.3	38.8	<0.5	36	0.16	0.074			
3201228	Drill Core	2.86	6.0	75.8	174.9	15622	3.4	59.9	13.6	232	1.92	71	3.4	1.4	71	79.2	48.3	<0.5	29	0.11	0.058			
3201229	Drill Core	2.51	2.9	940.6	2868.3	>200000	57.3	82.6	25.4	73	2.24	268	0.8	0.7	25	1823.5	238.5	<0.5	<10	0.09	0.028			
3201230	Drill Core	2.02	0.5	790.4	2000.5	>200000	50.2	63.6	33.3	287	2.96	146	<0.5	<0.5	21	2508.8	267.3	<0.5	<10	0.05	<0.001			
3201231	Drill Core	1.96	1.2	625.1	640.2	>200000	49.4	53.8	33.1	3530	13.67	147	<0.5	1.2	18	1882.5	313.6	<0.5	62	0.12	0.017			
3201232	Drill Core	1.95	<0.5	174.7	453.6	89465	12.6	27.3	14.3	8131	27.47	62	<0.5	<0.5	9	440.0	95.6	<0.5	40	0.29	0.004			
3201233	Drill Core	1.34	0.5	333.8	164.5	>200000	22.7	19.6	5.1	3813	15.97	30	0.7	<0.5	16	994.0	131.1	<0.5	44	0.12	0.010			
3201234	Drill Core	1.29	0.8	95.8	141.9	51041	6.1	19.9	5.6	7005	24.30	28	<0.5	0.6	27	360.7	49.0	<0.5	57	0.22	0.022			
3201235	Drill Core	1.81	1.5	184.1	358.8	84968	13.7	44.9	9.3	2777	10.23	72	0.9	1.6	67	582.5	90.1	<0.5	39	0.25	0.079			
3201236	Drill Core	1.88	2.8	46.2	221.6	12703	3.1	82.9	17.0	653	5.87	231	2.4	2.4	120	109.2	36.8	<0.5	37	0.24	0.114			
3201237	Drill Core	1.58	1.5	18.2	99.5	3814	1.3	60.9	10.7	1708	9.52	170	1.4	1.6	70	35.5	25.2	<0.5	34	0.19	0.080			
3201238	Drill Core	2.05	2.4	54.6	129.7	11293	2.2	69.4	15.9	2624	10.96	150	2.1	1.9	74	92.0	26.1	<0.5	74	0.26	0.108			
3201239	Drill Core	0.92	2.3	73.0	92.9	40007	3.5	65.6	15.3	1071	4.85	82	3.8	1.6	71	277.9	28.7	<0.5	85	0.21	0.118			
3201240	Rock Pulp	0.04	3.6	459.6	35155.6	47834	56.0	16.1	42.9	2250	7.42	150	1.7	6.4	24	166.6	46.5	<0.5	<10	4.75	0.055			
3201241	Drill Core	2.01	2.6	475.2	962.0	>200000	41.6	100.9	38.0	738	8.47	276	1.5	1.0	36	1475.0	250.2	<0.5	38	0.11	0.055			
3201242	Drill Core	1.99	2.3	434.2	1661.0	>200000	37.7	101.0	29.5	828	9.33	286	1.4	1.0	30	1367.3	208.9	<0.5	35	0.09	0.050			
3201243	Drill Core	2.15	3.2	117.0	329.8	45687	9.1	104.6	19.9	243	9.56	435	0.8	1.5	45	367.7	79.7	<0.5	21	0.12	0.052			
3201244	Drill Core	1.81	3.6	46.9	96.1	16902	2.4	56.4	15.0	1140	5.34	101	0.9	2.0	62	145.0	39.4	<0.5	48	0.14	0.059			
3201245	Drill Core	1.40	3.7	36.1	105.1	3600	1.8	65.0	14.0	1961	7.26	79	1.2	1.9	63	29.2	35.4	<0.5	79	0.16	0.059			
3201246	Drill Core	2.39	3.2	55.6	173.0	15090	3.6	75.4	19.9	1134	7.23	184	0.9	2.1	68	102.6	46.8	<0.5	40	0.16	0.059			
3201247	Drill Core	1.19	3.3	48.4	99.9	24902	4.2	54.0	15.5	1813	6.26	62	1.0	1.9	59	170.3	31.7	<0.5	49	0.18	0.068			
3201248	Drill Core	2.22	2.5	118.3	423.9	71802	14.2	88.3	22.2	263	6.29	324	0.9	1.6	45	420.4	66.3	<0.5	18	0.11	0.048			
3201249	Drill Core	1.77	1.9	234.2	482.2	154215	26.2	83.2	24.5	911	7.23	285	0.7	1.3	40	1121.2	100.1	<0.5	24	0.16	0.063			
3201250	Drill Core	2.02	1.7	352.5	798.2	190186	38.4	68.2	18.2	2028	10.22	174	0.6	1.1	28	1414.4	148.1	<0.5	34	0.15	0.039			



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:

November 13, 2019

Page:

3 of 6

Part:

2 of 4

CERTIFICATE OF ANALYSIS

WHI19000550.2

	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
3201221	Drill Core	2.9	16.6	0.17	299	0.001	0.50	<0.01	0.12	<0.5	24.08	3.2	<0.5	1.98	<5	<2	73.85	7.08	6.55	0.31	0.37
3201222	Drill Core	3.0	18.6	0.20	437	0.002	0.52	<0.01	0.11	<0.5	20.66	2.7	<0.5	1.67	<5	<2	74.24	7.05	7.24	0.32	0.39
3201223	Drill Core	1.9	17.0	0.38	112	0.001	0.36	<0.01	0.08	<0.5	10.59	4.2	<0.5	1.49	<5	<2	64.13	5.47	16.69	0.26	0.70
3201224	Drill Core	2.0	18.0	0.28	130	0.001	0.44	<0.01	0.10	<0.5	31.14	4.4	<0.5	2.55	<5	2	67.34	5.40	10.84	0.25	0.53
3201225	Drill Core	1.8	17.7	0.26	140	0.001	0.43	<0.01	0.11	<0.5	43.50	3.6	<0.5	3.26	6	2	67.07	5.78	11.11	0.29	0.53
3201226	Drill Core	2.0	14.8	0.28	140	<0.001	0.29	<0.01	0.11	<0.5	29.00	5.1	0.7	2.62	<5	<2	66.04	6.61	10.95	0.23	0.51
3201227	Drill Core	2.4	12.1	0.17	180	0.001	0.44	<0.01	0.13	<0.5	18.04	2.8	1.0	2.08	<5	3	74.91	7.45	6.98	0.22	0.35
3201228	Drill Core	2.5	13.2	0.04	228	0.001	0.39	<0.01	0.14	<0.5	12.06	1.9	1.1	2.02	<5	<2	79.70	8.18	3.03	0.16	0.16
3201229	Drill Core	0.9	5.0	0.01	104	0.010	0.15	<0.01	<0.01	<0.5	268.37	<0.5	2.6	19.95	13	<2	34.58	2.81	3.27	0.13	0.06
3201230	Drill Core	<0.5	1.3	0.07	121	<0.001	0.21	<0.01	<0.01	<0.5	309.22	<0.5	0.9	23.81	7	12	20.13	2.53	4.26	0.06	0.11
3201231	Drill Core	0.5	13.7	0.62	87	<0.001	0.63	<0.01	0.03	<0.5	209.81	7.9	1.4	16.01	11	8	18.84	2.33	19.62	0.16	1.04
3201232	Drill Core	<0.5	7.5	0.99	35	<0.001	0.22	<0.01	<0.01	<0.5	71.46	7.7	0.7	4.50	<5	<2	21.56	0.98	40.73	0.40	1.64
3201233	Drill Core	<0.5	11.2	0.55	133	0.001	1.14	<0.01	0.03	<0.5	195.01	6.0	2.5	14.01	14	6	19.49	3.76	22.79	0.17	0.96
3201234	Drill Core	0.8	16.9	0.76	187	<0.001	0.50	<0.01	0.05	<0.5	42.53	9.9	0.7	2.82	<5	<2	29.39	4.92	36.52	0.31	1.32
3201235	Drill Core	2.3	18.5	0.32	301	0.002	0.36	<0.01	0.10	<0.5	70.71	5.1	0.9	4.62	<5	<2	55.96	4.72	14.24	0.35	0.62
3201236	Drill Core	3.6	16.4	0.10	552	0.001	0.59	0.01	0.19	<0.5	11.75	2.5	2.2	4.53	<5	2	70.96	8.80	8.50	0.35	0.26
3201237	Drill Core	2.1	18.0	0.23	401	0.001	0.47	<0.01	0.12	<0.5	4.24	3.6	1.4	4.32	<5	<2	67.64	6.22	13.83	0.26	0.44
3201238	Drill Core	2.3	26.8	0.38	463	0.002	0.53	<0.01	0.13	<0.5	10.59	7.6	1.5	3.54	<5	<2	63.07	6.02	15.68	0.37	0.68
3201239	Drill Core	3.8	26.4	0.15	690	0.001	0.90	<0.01	0.10	<0.5	32.58	3.6	1.2	3.38	<5	3	71.15	6.46	7.17	0.31	0.33
3201240	Rock Pulp	21.2	13.6	2.67	241	0.016	0.98	0.01	0.64	0.6	1.70	2.9	43.9	7.82	<5	<2	38.21	7.69	11.01	6.94	4.87
3201241	Drill Core	1.3	13.3	0.16	100	<0.001	0.48	<0.01	0.06	<0.5	182.41	3.8	2.0	18.18	14	5	38.92	3.73	11.79	0.15	0.33
3201242	Drill Core	1.2	14.7	0.18	90	<0.001	0.49	<0.01	0.06	<0.5	184.54	3.8	1.7	18.57	12	6	39.51	3.57	12.93	0.13	0.37
3201243	Drill Core	2.1	12.2	0.08	402	0.001	0.51	<0.01	0.12	<0.5	38.85	1.2	4.5	11.61	<5	2	61.95	6.34	13.89	0.17	0.22
3201244	Drill Core	2.8	14.4	0.19	485	0.001	0.56	<0.01	0.14	<0.5	14.50	4.4	2.0	2.53	<5	<2	70.04	9.51	7.97	0.21	0.43
3201245	Drill Core	2.3	19.1	0.28	627	<0.001	0.62	<0.01	0.14	<0.5	3.79	6.1	1.6	1.50	<5	<2	67.05	9.29	10.84	0.23	0.60
3201246	Drill Core	2.9	12.3	0.17	633	0.001	0.51	<0.01	0.15	<0.5	13.21	4.0	2.6	4.81	<5	2	63.74	10.53	10.60	0.22	0.43
3201247	Drill Core	2.0	17.6	0.27	574	<0.001	0.57	<0.01	0.14	<0.5	20.95	5.2	1.7	2.28	<5	2	63.11	11.18	9.32	0.27	0.56
3201248	Drill Core	1.7	9.3	0.06	483	<0.001	0.48	<0.01	0.13	<0.5	56.38	1.4	3.2	9.24	<5	<2	59.40	9.31	9.03	0.17	0.22
3201249	Drill Core	1.4	10.0	0.16	291	<0.001	0.36	<0.01	0.11	<0.5	111.71	2.7	2.1	12.14	<5	6	51.74	5.80	10.36	0.23	0.34
3201250	Drill Core	1.0	10.1	0.32	348	<0.001	0.35	<0.01	0.09	<0.5	137.41	4.1	2.0	13.56	7	5	38.91	6.39	14.54	0.22	0.65



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: November 13, 2019

Page: 3 of 6

Part: 3 of 4

CERTIFICATE OF ANALYSIS

WHI19000550.2

Method Analyte Unit MDL		LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC000	TC000	TC005	TC005	TC006	TC008	TC008	LF726
		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	Zn
		%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		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	0.05	0.05
3201221	Drill Core	0.91	0.15	0.49	0.21	<0.01	0.15	<0.01	0.05	3.13	5.28	99.40	0.03	1.31	2.05	0.52	0.08	2.58	0.42	4.89	
3201222	Drill Core	0.91	0.17	0.52	0.23	0.01	0.15	<0.01	0.06	2.64	5.54	100.21	0.03	1.45	1.72	0.59	0.08	2.88	0.37	4.06	
3201223	Drill Core	0.65	0.45	0.39	0.11	<0.01	0.09	<0.01	0.09	1.49	9.56	100.55	0.02	2.91	1.49	0.69	0.06	7.90	0.48	3.03	
3201224	Drill Core	0.78	0.28	0.43	0.14	<0.01	0.11	<0.01	0.30	4.47	7.28	99.40	0.03	1.96	2.76	0.63	<0.02	4.79	0.49	6.80	
3201225	Drill Core	0.80	0.28	0.44	0.18	<0.01	0.13	<0.01	0.02	5.75	7.34	101.24	0.03	1.90	3.44	0.58	<0.02	4.80	0.46	8.93	
3201226	Drill Core	0.89	0.28	0.38	0.13	<0.01	0.14	<0.01	0.04	3.86	7.71	98.80	0.04	2.05	2.81	0.61	0.03	5.14	0.76	6.15	
3201227	Drill Core	1.12	0.15	0.42	0.16	<0.01	0.17	<0.01	0.01	2.14	5.24	99.95	0.04	1.37	2.26	0.72	0.03	2.30	1.12	3.44	
3201228	Drill Core	1.40	0.05	0.49	0.15	<0.01	0.22	<0.01	<0.01	1.48	3.62	99.15	0.05	0.82	2.22	0.65	0.05	0.44	1.52	2.09	
3201229	Drill Core	0.46	0.03	0.21	0.10	<0.01	0.08	0.08	0.29	>24	10.83	100.30	0.01	0.27	19.75	0.22	<0.02	0.10	16.34	10.23	37.7
3201230	Drill Core	0.37	0.05	0.10	0.03	<0.01	0.08	0.06	0.21	>24	12.96	100.31	0.01	0.32	24.97	0.18	<0.02	0.49	22.01	8.87	47.7
3201231	Drill Core	0.24	0.46	0.20	0.05	<0.01	0.02	0.05	0.07	>24	17.04	100.43	0.02	3.01	16.59	0.61	<0.02	8.74	2.92	41.01	33.3
3201232	Drill Core	0.07	1.05	0.02	0.01	<0.01	0.02	0.02	0.05	9.19	22.52	100.56	0.01	6.83	4.90	0.75	<0.02	22.28	0.20	14.09	
3201233	Drill Core	0.23	0.51	0.08	0.03	<0.01	0.07	0.03	0.02	>24	17.20	100.56	0.01	3.23	14.19	0.52	<0.02	9.93	1.31	38.64	28.9
3201234	Drill Core	0.50	0.90	0.22	0.05	<0.01	0.15	<0.01	<0.01	5.39	19.73	100.87	0.03	5.94	3.14	0.76	<0.02	18.98	<0.05	9.51	
3201235	Drill Core	0.87	0.37	0.49	0.21	<0.01	0.25	0.01	0.03	8.48	9.71	98.52	0.03	2.41	5.14	0.54	<0.02	6.81	0.90	12.74	
3201236	Drill Core	1.63	0.10	0.73	0.27	0.02	0.46	<0.01	0.02	1.20	6.03	99.81	0.04	0.94	4.88	0.51	0.05	1.40	4.07	2.43	
3201237	Drill Core	1.09	0.23	0.50	0.19	<0.01	0.39	<0.01	<0.01	0.37	8.08	99.47	0.02	1.64	4.81	0.52	0.03	3.99	4.21	1.80	
3201238	Drill Core	1.09	0.32	0.57	0.24	<0.01	0.36	<0.01	0.01	1.08	9.53	99.43	0.04	2.36	3.85	0.63	0.04	6.22	2.70	3.44	
3201239	Drill Core	1.01	0.14	0.50	0.29	0.01	0.41	<0.01	<0.01	4.08	5.76	98.80	0.03	1.04	3.62	0.44	<0.02	2.15	1.44	6.52	
3201240	Rock Pulp	3.61	0.30	0.26	0.11	<0.01	0.08	0.04	3.62	5.05	16.54	100.08	<0.01	3.20	8.10	0.38	<0.02	10.29	4.30	11.41	
3201241	Drill Core	0.57	0.11	0.28	0.15	<0.01	0.24	0.04	0.10	>24	12.36	100.08	0.02	0.80	19.34	0.45	<0.02	1.20	8.19	33.45	25.8
3201242	Drill Core	0.55	0.12	0.29	0.13	0.01	0.24	0.04	0.17	23.77	12.47	100.32	0.02	0.82	18.41	0.43	<0.02	1.36	7.65	32.28	
3201243	Drill Core	1.15	0.05	0.45	0.13	0.01	0.43	<0.01	0.03	4.80	8.77	99.76	0.03	0.74	12.13	0.61	0.03	0.38	10.07	6.19	
3201244	Drill Core	1.76	0.15	0.59	0.15	0.01	0.67	<0.01	<0.01	1.67	6.11	99.90	0.04	1.49	2.82	0.79	0.04	2.41	1.86	2.88	
3201245	Drill Core	1.68	0.25	0.52	0.15	0.01	0.69	<0.01	<0.01	0.36	7.65	99.62	0.05	2.07	1.65	0.78	0.06	4.52	1.15	1.52	
3201246	Drill Core	2.01	0.15	0.63	0.15	0.01	0.79	<0.01	0.02	1.44	7.77	99.10	0.05	1.42	5.27	0.73	0.04	2.35	4.37	2.70	
3201247	Drill Core	2.08	0.23	0.69	0.18	0.02	0.84	<0.01	<0.01	2.42	7.31	99.08	0.05	1.80	2.57	0.77	0.02	3.69	1.28	3.89	
3201248	Drill Core	1.75	0.05	0.56	0.12	0.02	0.79	<0.01	0.04	7.26	7.59	98.33	0.04	0.62	9.55	0.49	0.02	0.40	6.33	9.65	
3201249	Drill Core	1.08	0.14	0.41	0.16	<0.01	0.47	0.02	0.05	15.88	9.62	100.44	0.03	0.91	12.68	0.43	<0.02	1.72	5.38	21.90	
3201250	Drill Core	1.15	0.28	0.37	0.11	<0.01	0.56	0.03	0.08	18.96	12.60	99.76	0.03	1.65	13.77	0.47	<0.02	4.26	4.72	27.16	



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: November 13, 2019

Page: 3 of 6

Part: 4 of 4

CERTIFICATE OF ANALYSIS

WHI19000550.2

Method	GC204	GC204
Analyte	Ga	Ge
Unit	ppm	ppm
MDL	1	1
3201221	Drill Core	
3201222	Drill Core	
3201223	Drill Core	
3201224	Drill Core	
3201225	Drill Core	
3201226	Drill Core	
3201227	Drill Core	
3201228	Drill Core	
3201229	Drill Core	23 225
3201230	Drill Core	13 241
3201231	Drill Core	15 163
3201232	Drill Core	
3201233	Drill Core	20 167
3201234	Drill Core	
3201235	Drill Core	
3201236	Drill Core	
3201237	Drill Core	
3201238	Drill Core	
3201239	Drill Core	
3201240	Rock Pulp	
3201241	Drill Core	19 72
3201242	Drill Core	
3201243	Drill Core	
3201244	Drill Core	
3201245	Drill Core	
3201246	Drill Core	
3201247	Drill Core	
3201248	Drill Core	
3201249	Drill Core	15 86
3201250	Drill Core	



Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Project: MacMillan Pass
Report Date: November 13, 2019

Page: 4 of 6

Part: 1 of 4

CERTIFICATE OF ANALYSIS

WHI19000550.2

	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
3201251	Drill Core	2.54	1.3	598.0	1252.9	>200000	67.9	96.4	16.4	752	14.54	448	0.6	0.5	21	1943.0	255.2	<0.5	19	0.11	0.040			
3201252	Drill Core	1.25	1.5	44.8	2.6	161	<0.5	4.9	9.7	475	3.00	<5	0.7	2.1	88	0.8	<0.5	<0.5	102	1.07	0.064			
3201253	Drill Core	2.42	<0.5	675.4	4876.0	>200000	101.2	107.3	13.3	1498	7.29	239	<0.5	1.9	8	2554.7	300.8	<0.5	15	0.06	<0.001			
3201254	Drill Core	2.40	<0.5	656.6	5879.3	>200000	96.1	117.9	18.1	1222	7.47	300	<0.5	1.0	12	2505.0	293.5	<0.5	14	0.05	0.019			
3201255	Drill Core	1.03	0.8	800.2	2419.1	>200000	105.8	156.8	25.2	81	2.98	277	<0.5	0.7	19	2687.0	367.4	<0.5	12	0.06	0.028			
3201256	Drill Core	0.79	1.1	777.7	2660.6	>200000	91.2	616.9	63.0	114	6.61	958	<0.5	<0.5	23	3067.6	418.8	<0.5	<10	0.10	0.045			
3201257	Drill Core	0.85	21.8	319.5	372.5	>200000	30.2	175.7	17.8	98	6.63	402	2.5	0.6	30	1908.8	128.7	<0.5	40	0.07	0.046			
3201258	Drill Core	1.96	12.1	69.8	934.0	8002	7.3	90.9	14.0	64	20.70	380	1.9	0.8	58	45.9	83.3	<0.5	35	0.02	0.022			
3201259	Drill Core	2.91	3.3	73.6	1071.7	6057	9.5	37.9	5.0	38	31.40	419	0.9	0.6	18	32.8	116.3	0.5	13	<0.01	0.017			
3201260	Rock Pulp	0.04	2.6	225.2	18366.0	29375	35.3	25.9	18.6	1850	5.32	84	1.8	7.7	24	98.9	51.4	0.7	10	5.28	0.056			
3201261	Drill Core	1.17	19.6	81.7	5623.0	27286	8.5	110.7	11.5	45	7.42	185	2.2	1.6	39	97.0	122.3	<0.5	54	0.03	0.018			
3201262	Drill Core	0.94	21.9	99.6	6225.1	34189	9.5	132.3	13.2	56	8.28	198	2.0	1.6	38	124.5	148.9	<0.5	40	0.03	0.016			
3201263	Drill Core	2.00	27.2	47.7	332.1	1453	2.9	129.1	11.9	32	3.81	96	2.0	1.9	33	5.3	79.4	<0.5	33	0.04	0.010			
3201264	Drill Core	1.54	18.7	43.7	4665.9	533	9.8	115.0	9.0	47	7.72	117	1.9	1.4	29	3.0	101.0	<0.5	32	0.03	0.013			
3201265	Drill Core	1.68	17.8	40.0	532.9	1534	2.9	83.1	7.6	47	10.55	131	1.9	0.9	38	7.9	79.0	<0.5	29	0.05	0.026			
3201266	Drill Core	2.23	24.5	50.9	566.5	1722	2.5	122.3	10.0	36	6.94	126	2.1	1.8	29	5.2	101.2	<0.5	23	0.04	0.013			
3201267	Drill Core	1.33	23.9	50.2	785.8	2168	2.2	110.9	10.3	41	6.97	136	2.6	2.3	33	5.7	93.9	<0.5	21	0.04	0.016			
3201268	Drill Core	1.91	29.0	64.5	591.0	1999	2.2	132.5	11.9	52	8.64	192	2.7	2.1	26	6.0	152.5	<0.5	27	0.03	0.011			
3201269	Drill Core	2.27	28.5	61.7	377.6	298	1.6	133.5	10.9	38	4.34	160	3.1	2.1	24	8.2	120.7	<0.5	33	0.03	0.014			
3201270	Drill Core	1.61	12.6	56.7	23218.2	11411	28.0	73.9	8.0	53	11.19	242	2.3	0.9	39	34.0	162.4	<0.5	32	0.04	0.027			
3201271	Drill Core	1.60	17.5	57.1	247.1	4742	1.0	87.3	10.7	32	3.87	68	2.5	1.5	33	22.2	68.2	<0.5	30	0.03	0.014			
3201272	Drill Core	1.87	19.4	53.2	234.1	430	0.8	100.0	10.9	31	5.65	82	2.3	1.7	30	2.5	80.5	<0.5	35	0.02	0.011			
3201273	Drill Core	1.40	19.4	63.4	274.8	156	0.9	98.4	13.1	44	4.03	83	2.4	1.6	32	6.5	81.1	<0.5	32	0.02	0.011			
3201274	Drill Core	1.73	12.9	75.8	190.1	40	1.0	76.3	9.1	36	3.62	68	2.1	1.5	37	1.0	57.2	<0.5	40	0.02	0.013			
3201275	Drill Core	1.54	17.7	61.9	186.0	91	0.6	100.9	11.4	27	3.92	72	2.8	1.5	61	8.4	66.5	<0.5	44	0.02	0.020			
3201276	Drill Core	1.55	17.9	49.2	225.9	44	0.5	94.6	10.5	28	4.10	69	2.6	1.5	63	4.2	58.6	<0.5	36	0.03	0.027			
3201277	Drill Core	1.53	20.3	55.4	187.0	130	0.5	101.8	11.7	32	3.25	71	2.7	2.3	40	2.9	52.2	<0.5	46	0.02	0.016			
3201278	Drill Core	1.73	14.1	54.1	226.8	119	0.6	79.4	11.2	29	3.96	64	2.7	2.0	59	3.2	52.5	<0.5	34	0.04	0.029			
3201279	Drill Core	1.44	14.5	49.3	247.8	60	<0.5	93.5	12.5	30	4.50	76	3.3	2.0	57	2.9	51.4	<0.5	31	0.03	0.026			
3201280	Rock	1.19	1.4	53.3	2.5	36	<0.5	4.0	8.2	428	2.84	<5	1.0	2.5	107	<0.5	<0.5	<0.5	100	1.12	0.058			



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:

November 13, 2019

Page:

4 of 6

Part:

2 of 4

CERTIFICATE OF ANALYSIS

WHI19000550.2

	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
3201251	Drill Core	0.5	7.3	0.08	60	0.001	0.21	<0.01	0.04	<0.5	211.41	1.0	6.2	26.31	6	5	22.87	2.86	20.49	0.15	0.19
3201252	Drill Core	6.6	6.7	0.86	174	0.181	2.00	0.27	0.30	<0.5	<0.05	4.0	<0.5	<0.05	6	<2	60.42	16.92	6.40	6.21	2.87
3201253	Drill Core	<0.5	5.5	0.18	211	0.009	0.14	<0.01	<0.01	<0.5	312.64	2.4	1.1	22.92	14	3	20.79	1.75	10.23	0.08	0.32
3201254	Drill Core	<0.5	4.0	0.15	224	<0.001	0.15	<0.01	<0.01	<0.5	311.47	1.3	1.1	23.81	12	8	17.90	2.06	10.91	0.08	0.27
3201255	Drill Core	0.5	5.0	<0.01	218	<0.001	0.16	<0.01	<0.01	<0.5	347.96	<0.5	1.9	21.92	9	<2	25.44	2.91	4.46	0.08	0.04
3201256	Drill Core	<0.5	13.1	0.01	126	<0.001	0.14	<0.01	<0.01	<0.5	354.13	<0.5	6.1	26.99	8	<2	13.17	3.04	9.32	0.15	0.03
3201257	Drill Core	<0.5	15.0	<0.01	91	0.001	0.29	<0.01	0.04	<0.5	154.60	0.8	1.6	18.23	<5	6	42.98	3.10	9.45	0.11	0.04
3201258	Drill Core	0.9	13.1	<0.01	51	<0.001	0.30	<0.01	0.02	0.7	13.62	0.7	3.8	23.31	<5	2	45.28	3.58	30.48	0.04	0.05
3201259	Drill Core	<0.5	6.2	<0.01	34	<0.001	0.14	<0.01	0.01	0.5	13.57	<0.5	5.0	>30	<5	<2	24.19	0.69	48.64	0.02	0.02
3201260	Rock Pulp	25.8	13.2	2.82	147	0.017	1.00	0.01	0.73	0.7	1.24	2.7	29.5	4.74	<5	<2	43.90	8.67	8.36	7.46	5.42
3201261	Drill Core	2.3	16.9	0.01	248	<0.001	0.48	<0.01	0.09	<0.5	27.03	<0.5	5.0	9.91	<5	6	64.86	7.46	11.35	0.05	0.10
3201262	Drill Core	3.1	14.5	0.01	303	<0.001	0.29	<0.01	0.06	<0.5	36.22	0.5	4.8	11.12	<5	6	61.00	7.88	12.09	0.06	0.10
3201263	Drill Core	3.8	14.4	0.02	1180	<0.001	0.40	<0.01	0.10	<0.5	3.08	0.9	4.7	4.43	<5	3	68.56	11.57	6.13	0.07	0.21
3201264	Drill Core	2.5	16.8	0.01	458	<0.001	0.34	<0.01	0.09	1.9	2.30	0.5	3.6	8.91	<5	11	66.12	8.36	11.54	0.06	0.14
3201265	Drill Core	1.5	14.7	<0.01	232	0.001	0.30	<0.01	0.07	<0.5	3.28	0.6	2.5	12.13	<5	6	64.62	5.94	15.75	0.09	0.11
3201266	Drill Core	3.7	12.5	<0.01	585	<0.001	0.34	<0.01	0.10	<0.5	3.31	1.1	2.9	8.14	<5	6	64.69	10.22	10.59	0.07	0.18
3201267	Drill Core	4.2	11.7	0.01	586	<0.001	0.36	<0.01	0.11	<0.5	3.95	1.0	2.8	8.21	<5	5	63.90	10.68	10.51	0.07	0.20
3201268	Drill Core	3.9	20.1	0.01	376	0.001	0.41	<0.01	0.11	<0.5	4.54	0.6	3.6	10.03	<5	6	60.21	10.80	12.77	0.06	0.19
3201269	Drill Core	4.0	23.6	0.01	1204	<0.001	0.45	<0.01	0.12	<0.5	2.72	0.9	3.6	5.00	<5	4	68.55	10.97	6.88	0.06	0.20
3201270	Drill Core	1.5	11.9	<0.01	221	0.001	0.27	<0.01	0.06	<0.5	20.57	<0.5	4.1	13.57	<5	12	61.11	4.46	16.76	0.07	0.08
3201271	Drill Core	3.1	10.9	<0.01	861	0.001	0.38	<0.01	0.10	<0.5	5.45	1.1	4.3	4.68	<5	12	73.25	8.95	6.23	0.05	0.17
3201272	Drill Core	3.0	14.3	0.01	659	0.001	0.40	<0.01	0.11	<0.5	2.12	0.7	4.8	6.37	<5	11	70.33	9.24	8.77	0.05	0.19
3201273	Drill Core	3.1	21.8	0.01	1123	0.001	0.41	<0.01	0.11	<0.5	2.05	0.5	2.6	4.50	<5	6	72.55	9.61	6.27	0.04	0.18
3201274	Drill Core	3.1	15.6	<0.01	987	0.001	0.43	<0.01	0.12	<0.5	1.39	0.9	2.1	4.10	<5	12	74.69	9.06	5.88	0.04	0.18
3201275	Drill Core	3.5	18.3	<0.01	762	0.003	0.45	<0.01	0.12	<0.5	1.49	1.3	3.6	4.54	<5	9	71.94	9.69	6.28	0.04	0.20
3201276	Drill Core	3.4	12.5	<0.01	1130	0.001	0.44	<0.01	0.11	<0.5	1.67	0.7	4.5	4.74	<5	6	72.92	9.17	6.60	0.07	0.19
3201277	Drill Core	4.4	11.0	0.01	1698	0.001	0.46	<0.01	0.13	<0.5	1.62	1.0	3.7	3.66	<5	8	73.64	9.24	5.03	0.04	0.20
3201278	Drill Core	4.0	11.4	<0.01	975	0.001	0.48	<0.01	0.13	<0.5	1.75	0.9	3.8	4.46	<5	9	74.51	8.66	6.20	0.07	0.19
3201279	Drill Core	4.2	12.2	<0.01	841	0.001	0.47	<0.01	0.13	<0.5	1.84	0.9	3.9	5.15	<5	4	71.87	9.47	7.19	0.05	0.20
3201280	Rock	7.2	4.6	0.85	189	0.190	2.04	0.29	0.31	<0.5	<0.05	4.4	<0.5	<0.05	5	<2	61.06	17.09	6.40	6.31	2.89



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:

November 13, 2019

Page:

4 of 6

Part: 3 of 4

CERTIFICATE OF ANALYSIS

WHI19000550.2

	Method	Analyte	Unit	MDL	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC000	TC000	TC005	TC005	TC006	TC008	TC008	LF726	
					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	Zn
					%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
					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	0.05	0.05
3201251	Drill Core	0.48	0.11	0.17	0.10	<0.01	0.38	0.04	0.13	>24	17.00	99.96	0.02	0.59	27.27	0.24	<0.02	1.26	13.85	40.26	28.9			
3201252	Drill Core	1.52	0.15	0.54	0.13	<0.01	0.06	<0.01	<0.01	<0.01	0.91	99.48	0.03	0.03	<0.02	<0.02	<0.02	<0.08	<0.05	0.41				
3201253	Drill Core	0.31	0.20	0.11	0.05	<0.01	0.16	0.05	0.48	>24	14.77	99.99	0.01	0.82	24.34	0.19	<0.02	2.30	11.05	39.87	41.0			
3201254	Drill Core	0.36	0.18	0.14	0.04	<0.01	0.19	0.05	0.63	>24	15.34	100.74	0.01	0.72	26.35	0.20	<0.02	1.88	11.92	43.29	42.0			
3201255	Drill Core	0.54	0.04	0.20	0.07	<0.01	0.29	0.06	0.24	>24	12.33	100.15	0.02	0.15	24.45	0.14	<0.02	<0.08	18.29	18.49	42.6			
3201256	Drill Core	0.50	0.04	0.84	0.12	0.04	0.46	0.06	0.28	>24	15.54	100.01	0.02	0.15	28.88	0.13	<0.02	<0.08	11.49	52.17	45.2			
3201257	Drill Core	0.44	0.03	0.52	0.13	0.02	0.52	0.02	0.03	>24	11.70	100.85	0.04	1.08	18.40	1.03	0.04	0.08	7.37	33.09	25.7			
3201258	Drill Core	0.27	0.03	0.20	0.04	<0.01	0.37	<0.01	0.10	0.79	18.11	99.62	0.02	1.16	25.06	1.11	0.04	<0.08	24.41	1.94				
3201259	Drill Core	0.05	0.03	0.03	0.03	<0.01	0.23	<0.01	0.11	0.59	25.47	100.33	<0.01	0.49	38.20	0.48	<0.02	<0.08	37.71	1.47				
3201260	Rock Pulp	4.21	0.26	0.30	0.12	<0.01	0.08	0.01	1.82	3.10	11.22	96.04	0.01	3.27	5.04	0.36	<0.02	10.66	2.56	7.44				
3201261	Drill Core	0.98	0.03	0.36	0.03	<0.01	1.36	<0.01	0.54	2.82	9.12	100.03	0.04	1.22	10.63	1.21	<0.02	<0.08	9.06	4.71				
3201262	Drill Core	1.08	0.03	0.40	0.04	<0.01	1.60	<0.01	0.60	3.44	9.71	99.21	0.05	1.31	11.29	1.29	0.02	<0.08	9.30	5.99				
3201263	Drill Core	1.57	0.03	0.55	0.03	0.02	2.22	<0.01	0.03	0.15	7.63	99.20	0.06	2.36	4.90	2.32	0.04	<0.08	4.73	0.49				
3201264	Drill Core	1.17	0.03	0.39	0.04	<0.01	1.83	<0.01	0.45	0.06	8.84	99.43	0.06	1.93	9.34	1.89	0.03	<0.08	9.09	0.74				
3201265	Drill Core	0.83	0.02	0.36	0.08	<0.01	1.26	<0.01	0.05	0.16	9.93	99.48	0.04	1.48	12.70	1.45	0.03	<0.08	12.49	0.62				
3201266	Drill Core	1.44	0.03	0.49	0.04	<0.01	2.14	<0.01	0.06	0.18	8.66	99.23	0.05	1.85	8.70	1.83	0.02	<0.08	8.52	0.52				
3201267	Drill Core	1.56	0.03	0.48	0.05	<0.01	2.28	<0.01	0.08	0.22	8.54	99.05	0.05	1.91	8.50	1.88	0.03	<0.08	8.31	0.55				
3201268	Drill Core	1.58	0.03	0.51	0.03	<0.01	2.35	<0.01	0.05	0.20	9.86	99.11	0.06	1.87	10.15	1.83	0.03	<0.08	9.95	0.59				
3201269	Drill Core	1.53	0.03	0.53	0.04	<0.01	2.39	<0.01	0.02	0.03	7.08	98.74	0.06	2.17	5.55	2.13	0.03	<0.08	5.47	0.23				
3201270	Drill Core	0.60	0.04	0.28	0.06	<0.01	0.97	<0.01	2.22	1.13	10.48	98.90	0.05	1.27	14.10	1.25	0.02	<0.08	13.11	2.97				
3201271	Drill Core	1.33	0.02	0.43	0.04	<0.01	1.91	<0.01	0.02	0.47	5.96	99.31	0.07	1.63	5.15	1.59	0.04	<0.08	4.91	0.70				
3201272	Drill Core	1.39	0.02	0.43	0.03	<0.01	1.92	<0.01	0.02	0.04	7.14	99.95	0.08	1.66	6.89	1.63	0.03	<0.08	6.79	0.29				
3201273	Drill Core	1.42	0.03	0.45	0.04	<0.01	2.00	<0.01	0.02	0.02	6.14	99.10	0.06	1.75	4.96	1.71	0.04	<0.08	4.88	0.24				
3201274	Drill Core	1.41	0.03	0.43	0.04	<0.01	1.86	<0.01	0.02	<0.01	6.05	100.02	0.08	2.00	4.71	1.94	0.05	<0.08	4.65	0.18				
3201275	Drill Core	1.47	0.03	0.45	0.06	<0.01	1.94	<0.01	<0.01	0.01	6.54	99.00	0.08	2.10	5.16	2.05	0.04	<0.08	5.08	0.23				
3201276	Drill Core	1.41	0.03	0.42	0.07	<0.01	1.85	<0.01	0.01	<0.01	6.51	99.54	0.07	1.91	5.14	1.88	0.02	<0.08	5.07	0.22				
3201277	Drill Core	1.44	0.03	0.43	0.04	<0.01	1.86	<0.01	0.01	0.01	5.80	98.10	0.08	1.98	4.04	1.93	0.04	<0.08	3.98	0.20				
3201278	Drill Core	1.34	0.03	0.40	0.07	<0.01	1.75	<0.01	0.02	0.01	5.86	99.44	0.05	1.66	5.10	1.62	0.03	<0.08	5.02	0.23				
3201279	Drill Core	1.44	0.03	0.44	0.07	<0.01	2.01	<0.01	0.01	<0.01	6.38	99.52	0.05	1.60	5.80	1.57	0.03	<0.08	5.70	0.31				
3201280	Rock	1.52	0.15	0.56	0.14	<0.01	0.06	<0.01	<0.01	<0.01	0.77	100.35	0.02	0.04	<0.02	0.02	<0.02	<0.08	<0.05	0.26				



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: November 13, 2019

Page: 4 of 6

Part: 4 of 4

CERTIFICATE OF ANALYSIS

WHI19000550.2

	Method Analyte Unit MDL	GC204	GC204
		Ga	Ge
		ppm	ppm
		1	1
3201251	Drill Core	15	126
3201252	Drill Core		
3201253	Drill Core	19	164
3201254	Drill Core		
3201255	Drill Core	19	194
3201256	Drill Core	14	149
3201257	Drill Core	9	48
3201258	Drill Core		
3201259	Drill Core		
3201260	Rock Pulp		
3201261	Drill Core		
3201262	Drill Core		
3201263	Drill Core		
3201264	Drill Core		
3201265	Drill Core		
3201266	Drill Core		
3201267	Drill Core		
3201268	Drill Core		
3201269	Drill Core		
3201270	Drill Core		
3201271	Drill Core		
3201272	Drill Core		
3201273	Drill Core		
3201274	Drill Core		
3201275	Drill Core		
3201276	Drill Core		
3201277	Drill Core		
3201278	Drill Core		
3201279	Drill Core		
3201280	Rock		



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:

November 13, 2019

Page:

5 of 6

Part:

1 of 4

CERTIFICATE OF ANALYSIS

WHI19000550.2

	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
3201281	Drill Core	2.00	12.9	50.0	250.0	33	0.6	87.8	14.6	29	4.87	78	2.9	2.0	94	3.2	52.9	<0.5	30	0.06	0.039			
3201282	Drill Core	1.90	11.9	48.6	201.0	72	0.5	80.6	12.6	33	3.88	66	2.8	1.7	91	3.4	46.2	<0.5	28	0.06	0.040			
3201283	Drill Core	1.46	22.2	67.9	260.0	179	1.1	118.2	12.9	28	4.52	96	4.6	2.2	87	17.9	64.9	<0.5	44	0.04	0.043			
3201284	Drill Core	1.74	23.3	62.5	278.8	116	1.3	133.7	13.7	30	5.01	101	5.2	2.1	480	10.2	63.3	<0.5	61	0.34	0.201			
3201285	Drill Core	1.43	28.2	66.3	490.7	1444	2.4	152.6	15.6	49	6.07	119	3.0	2.3	194	6.0	58.0	<0.5	36	0.19	0.085			
3201286	Drill Core	1.62	24.2	68.6	1801.4	21055	5.9	141.0	11.1	60	7.03	145	2.4	1.9	60	60.1	72.5	<0.5	27	0.03	0.012			
3201287	Drill Core	1.80	21.3	43.4	538.9	475	3.0	114.6	7.7	38	4.21	124	1.7	1.6	31	1.7	54.1	<0.5	30	0.02	0.006			
3201288	Drill Core	1.36	10.9	33.6	324.5	565	2.5	75.7	5.8	62	6.86	108	1.7	0.5	58	3.0	38.8	<0.5	33	0.06	0.030			
3201289	Drill Core	1.72	26.0	69.5	407.6	122	4.7	229.0	19.6	101	7.80	390	5.7	0.8	242	2.6	87.2	<0.5	94	0.36	0.185			
3201290	Drill Core	1.81	14.2	51.2	348.8	49	5.0	88.7	10.4	41	3.73	245	1.9	1.6	27	<0.5	71.2	<0.5	33	0.02	0.008			
3201291	Drill Core	2.16	26.0	58.3	1399.1	2050	6.3	137.5	14.3	44	4.87	251	7.9	2.0	90	5.1	114.9	<0.5	47	0.04	0.033			
3201292	Drill Core	1.69	16.4	47.2	1788.7	2174	6.7	87.3	12.0	53	6.86	214	4.8	3.1	37	8.6	167.6	<0.5	34	0.01	0.023			
3201293	Drill Core	1.87	15.3	56.5	5099.2	10404	22.7	73.7	14.6	53	13.29	629	10.0	1.0	26	185.2	425.5	<0.5	24	<0.01	0.015			
3201294	Drill Core	0.89	21.7	59.9	1498.8	10981	10.6	68.9	7.9	64	14.01	548	9.2	1.1	19	187.1	164.2	<0.5	22	<0.01	0.013			
3201295	Drill Core	1.49	14.2	120.0	7268.3	119938	29.6	59.9	6.0	125	7.76	291	5.8	0.8	20	747.2	138.1	<0.5	20	<0.01	0.030			
3201296	Drill Core	1.24	16.6	87.9	4667.4	24147	12.8	96.7	10.1	65	4.88	192	2.7	1.0	22	109.4	95.9	<0.5	41	<0.01	0.011			
3201297	Drill Core	2.13	11.6	44.0	8410.5	2941	14.6	78.6	7.9	63	5.43	208	4.4	0.6	22	30.9	171.1	<0.5	31	<0.01	0.012			
3201298	Drill Core	2.16	17.7	50.9	6354.8	285	12.2	90.5	10.4	55	4.54	198	2.9	1.6	65	2.4	102.5	<0.5	30	0.03	0.025			
3201299	Drill Core	1.49	16.3	49.0	3822.8	40	8.9	92.7	12.5	58	6.80	263	2.1	0.6	42	0.7	114.2	<0.5	28	0.03	0.024			
3201300	Rock Pulp	0.04	2.6	217.5	18193.4	30330	36.6	24.9	18.1	1877	5.49	90	1.7	8.0	24	96.5	51.0	<0.5	10	5.11	0.058			
3201301	Drill Core	1.82	21.0	66.3	15158.7	2108	27.5	185.0	19.0	71	21.11	438	4.1	<0.5	87	10.7	310.1	<0.5	62	0.08	0.051			
3201302	Drill Core	2.25	12.1	61.8	6408.3	117	11.6	187.7	21.2	57	25.83	388	3.5	<0.5	148	7.6	297.0	<0.5	52	0.13	0.079			
3201303	Drill Core	1.34	17.3	48.9	4136.0	1026	8.0	206.4	39.9	108	7.45	173	5.0	0.6	183	9.8	96.8	<0.5	65	0.18	0.109			
3201304	Drill Core	1.66	19.6	38.2	6346.2	1358	11.1	118.5	10.6	71	11.59	245	2.9	<0.5	137	7.9	185.0	<0.5	48	0.18	0.096			
3201305	Drill Core	1.75	6.7	81.7	>40000	41041	103.9	65.1	14.8	98	12.02	346	1.3	<0.5	39	229.9	420.9	<0.5	24	0.04	0.024			
3201306	Rock	1.33	1.5	46.5	25.6	57	<0.5	4.2	9.3	470	3.00	<5	1.1	2.6	101	<0.5	<0.5	<0.5	100	1.10	0.070			
3201307	Drill Core	2.04	6.8	85.1	2193.4	29679	6.8	117.8	18.3	168	15.12	413	1.5	0.9	79	144.9	170.0	<0.5	33	0.13	0.071			
3201308	Drill Core	1.84	7.4	75.3	1623.3	13088	4.6	110.7	15.4	153	16.48	391	1.4	0.8	87	61.2	306.9	<0.5	35	0.13	0.061			
3201309	Drill Core	1.77	6.7	40.6	3081.2	8899	7.3	78.9	8.4	62	9.08	164	1.5	<0.5	51	47.2	131.1	<0.5	30	0.05	0.031			
3201310	Drill Core	1.73	7.3	31.3	2534.7	1227	5.4	72.0	7.7	44	7.59	117	2.0	<0.5	91	8.8	86.2	<0.5	43	0.07	0.047			



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:

November 13, 2019

Page:

5 of 6

Part:

2 of 4

CERTIFICATE OF ANALYSIS

WHI19000550.2

	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
3201281	Drill Core	3.9	12.4	0.01	755	0.003	0.48	<0.01	0.13	<0.5	1.74	1.1	4.1	5.21	<5	4	71.79	9.29	7.24	0.10	0.19
3201282	Drill Core	3.7	11.1	0.01	1368	0.002	0.50	<0.01	0.13	<0.5	1.58	0.6	2.8	4.35	<5	3	73.89	9.24	6.09	0.10	0.18
3201283	Drill Core	4.2	15.4	0.01	712	0.001	0.52	<0.01	0.13	<0.5	2.39	0.9	4.1	4.90	<5	13	70.25	10.34	6.78	0.06	0.22
3201284	Drill Core	4.3	15.0	0.02	468	0.002	0.80	<0.01	0.17	<0.5	2.37	2.4	4.7	5.44	<5	8	66.36	11.20	7.55	0.51	0.24
3201285	Drill Core	4.6	13.7	0.01	528	0.002	1.38	<0.01	0.15	<0.5	4.82	1.2	5.4	6.18	<5	10	59.19	12.62	9.16	0.27	0.23
3201286	Drill Core	4.2	12.8	0.01	510	0.001	1.06	<0.01	0.12	<0.5	45.63	0.8	4.6	8.55	<5	8	61.21	9.76	10.44	0.05	0.19
3201287	Drill Core	3.5	11.3	<0.01	525	0.001	0.57	<0.01	0.09	<0.5	4.10	<0.5	2.8	4.48	<5	4	72.69	8.31	6.35	0.05	0.16
3201288	Drill Core	1.0	15.1	<0.01	242	0.001	0.48	<0.01	0.06	<0.5	3.10	<0.5	1.4	7.57	<5	6	74.10	3.87	10.27	0.10	0.07
3201289	Drill Core	1.8	48.0	0.01	238	0.003	0.85	<0.01	0.14	<0.5	3.91	1.4	3.1	8.80	<5	17	64.47	8.11	11.65	0.53	0.15
3201290	Drill Core	3.2	12.7	0.01	727	0.001	0.51	<0.01	0.11	<0.5	2.83	0.6	2.9	4.14	<5	3	75.75	8.27	5.87	0.04	0.15
3201291	Drill Core	4.4	19.9	0.02	426	<0.001	0.51	<0.01	0.09	<0.5	8.08	1.4	4.2	5.49	<5	8	61.52	11.98	7.49	0.06	0.22
3201292	Drill Core	3.4	15.7	<0.01	324	0.001	0.40	<0.01	0.07	<0.5	8.34	1.3	5.7	7.78	<5	3	69.93	7.27	10.21	0.03	0.15
3201293	Drill Core	1.6	17.0	<0.01	124	0.001	0.22	<0.01	0.05	<0.5	31.89	1.3	17.9	15.56	<5	2	61.95	2.41	19.76	0.02	0.06
3201294	Drill Core	1.5	20.8	<0.01	130	<0.001	0.17	<0.01	0.04	<0.5	32.88	1.6	9.8	16.12	<5	<2	63.40	1.97	20.34	0.02	0.05
3201295	Drill Core	1.7	6.8	<0.01	179	<0.001	0.17	<0.01	<0.01	<0.5	278.52	1.5	1.2	14.51	8	6	59.59	2.26	10.60	0.01	0.06
3201296	Drill Core	2.3	15.9	<0.01	833	<0.001	0.32	<0.01	0.08	<0.5	62.43	1.6	4.2	6.63	<5	5	73.84	5.45	6.93	0.02	0.10
3201297	Drill Core	1.3	17.5	<0.01	511	<0.001	0.28	<0.01	0.06	<0.5	9.54	1.1	2.8	6.08	<5	2	79.69	3.41	7.74	0.02	0.06
3201298	Drill Core	1.9	15.2	<0.01	1099	<0.001	0.38	<0.01	0.10	<0.5	3.74	1.2	2.9	5.12	<5	<2	76.45	5.82	6.75	0.06	0.12
3201299	Drill Core	1.3	18.6	<0.01	483	<0.001	0.32	<0.01	0.07	<0.5	2.81	1.1	3.0	7.48	<5	<2	76.23	4.18	9.55	0.05	0.08
3201300	Rock Pulp	26.0	13.7	2.87	156	0.018	1.02	0.01	0.75	0.7	1.51	3.1	28.8	4.81	<5	<2	43.86	8.65	8.26	7.45	5.37
3201301	Drill Core	0.7	67.2	<0.01	115	0.002	0.31	<0.01	0.07	<0.5	10.00	1.9	5.2	24.29	<5	4	42.58	3.80	30.70	0.13	0.06
3201302	Drill Core	<0.5	53.9	<0.01	70	0.002	0.30	<0.01	0.05	0.5	3.94	1.7	4.4	29.69	<5	<2	33.37	3.11	38.51	0.20	0.05
3201303	Drill Core	1.1	37.2	<0.01	441	0.002	0.53	<0.01	0.08	<0.5	4.26	2.8	2.7	8.32	<5	3	66.19	8.63	10.55	0.26	0.12
3201304	Drill Core	0.6	29.3	<0.01	200	0.001	0.23	<0.01	0.05	<0.5	4.91	1.1	2.3	12.98	<5	<2	67.20	2.48	16.69	0.25	0.05
3201305	Drill Core	<0.5	17.2	<0.01	232	<0.001	0.15	<0.01	0.02	<0.5	87.60	<0.5	3.9	16.39	5	10	55.67	1.27	16.72	0.07	0.04
3201306	Rock	7.4	5.8	0.87	187	0.186	1.99	0.28	0.35	0.7	0.07	3.9	<0.5	<0.05	6	<2	60.89	16.68	6.35	6.21	2.90
3201307	Drill Core	0.9	45.6	<0.01	143	0.002	0.23	<0.01	0.04	<0.5	55.66	0.9	4.1	18.14	<5	<2	57.29	2.24	21.92	0.20	0.05
3201308	Drill Core	0.7	44.6	<0.01	142	0.002	0.21	<0.01	0.04	<0.5	25.60	0.9	4.5	19.27	<5	<2	57.43	2.31	23.37	0.20	0.07
3201309	Drill Core	0.8	23.3	<0.01	239	0.001	0.22	<0.01	0.05	<0.5	17.08	1.1	1.3	10.40	<5	<2	73.65	2.66	12.75	0.08	0.07
3201310	Drill Core	0.9	25.7	<0.01	305	0.001	0.29	<0.01	0.07	<0.5	3.58	1.1	1.8	8.36	<5	<2	75.72	3.66	10.83	0.11	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:

November 13, 2019

Page:

5 of 6

Part: 3 of 4

CERTIFICATE OF ANALYSIS

WHI19000550.2

Method	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC000	TC000	TC005	TC005	TC006	TC008	TC008	LF726
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	Zn
Unit	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
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	0.05	0.05	0.1
3201281	Drill Core	1.41	0.03	0.43	0.11	<0.01	1.95	<0.01	0.02	<0.01	6.40	99.29	0.04	1.57	5.96	1.55	0.02	<0.08	5.87	0.27
3201282	Drill Core	1.39	0.03	0.44	0.10	<0.01	1.92	<0.01	<0.01	<0.01	5.75	99.48	0.04	1.48	4.96	1.45	0.02	<0.08	4.88	0.22
3201283	Drill Core	1.53	0.02	0.46	0.09	<0.01	2.25	<0.01	0.02	0.02	6.89	99.32	0.07	1.92	5.52	1.89	0.02	<0.08	5.41	0.31
3201284	Drill Core	1.64	0.03	0.50	0.46	<0.01	2.62	<0.01	0.02	0.01	7.73	99.32	0.08	2.14	6.18	2.10	0.03	<0.08	6.02	0.47
3201285	Drill Core	1.57	0.03	0.60	0.20	<0.01	5.06	<0.01	0.05	0.15	8.84	98.72	0.07	2.01	7.39	1.96	0.03	0.09	6.94	1.37
3201286	Drill Core	1.26	0.03	0.50	0.02	<0.01	3.78	<0.01	0.17	2.09	9.16	99.73	0.06	2.01	9.46	1.96	0.02	<0.08	8.32	3.40
3201287	Drill Core	1.12	0.03	0.41	0.02	<0.01	2.54	<0.01	0.05	0.05	6.60	98.79	0.06	1.92	5.25	1.87	0.03	<0.08	5.00	0.74
3201288	Drill Core	0.46	0.04	0.21	0.07	<0.01	2.71	<0.01	0.03	0.06	7.24	99.61	0.04	1.42	8.48	1.31	0.10	<0.08	7.91	1.70
3201289	Drill Core	1.05	0.04	0.69	0.41	0.02	2.42	<0.01	0.03	0.01	9.83	99.79	0.11	2.69	9.19	2.63	0.06	<0.08	8.93	0.76
3201290	Drill Core	1.09	0.03	0.41	0.02	0.01	2.09	<0.01	0.03	<0.01	6.07	100.18	0.05	1.79	4.43	1.76	0.03	<0.08	4.30	0.39
3201291	Drill Core	1.39	0.03	0.59	0.09	<0.01	5.09	<0.01	0.15	0.22	8.96	98.56	0.07	2.36	6.89	2.33	0.03	<0.08	5.99	2.70
3201292	Drill Core	0.97	0.03	0.40	0.06	<0.01	1.74	<0.01	0.18	0.22	8.12	99.62	0.05	1.83	8.23	1.81	0.02	<0.08	7.99	0.71
3201293	Drill Core	0.32	0.03	0.19	0.03	<0.01	0.77	<0.01	0.52	1.04	11.94	99.45	0.03	1.15	16.60	1.11	0.03	<0.08	15.85	2.24
3201294	Drill Core	0.28	0.03	0.18	0.03	<0.01	0.38	<0.01	0.15	1.07	11.97	100.22	0.02	1.53	16.17	1.46	0.07	<0.08	15.63	1.62
3201295	Drill Core	0.33	0.04	0.18	0.03	<0.01	0.45	<0.01	0.67	12.09	9.92	99.43	0.02	1.49	14.19	1.41	0.08	<0.08	8.49	17.09
3201296	Drill Core	0.74	0.03	0.31	0.02	<0.01	1.18	<0.01	0.44	2.30	6.80	98.99	0.05	2.07	6.58	1.94	0.13	<0.08	5.53	3.15
3201297	Drill Core	0.47	0.03	0.22	0.03	<0.01	0.73	<0.01	0.81	0.29	5.74	99.51	0.03	1.65	6.40	1.50	0.14	<0.08	6.11	0.85
3201298	Drill Core	0.82	0.03	0.32	0.07	0.01	1.24	<0.01	0.58	0.03	6.77	99.29	0.04	2.71	5.44	2.54	0.16	<0.08	5.29	0.45
3201299	Drill Core	0.57	0.03	0.28	0.06	<0.01	0.90	<0.01	0.37	<0.01	6.95	99.44	0.04	1.96	7.48	1.86	0.10	<0.08	7.35	0.39
3201300	Rock Pulp	4.20	0.25	0.30	0.12	<0.01	0.08	0.02	1.80	3.10	14.42	98.97	0.01	3.32	5.03	1.26	<0.02	7.51	2.63	7.19
3201301	Drill Core	0.43	0.03	0.59	0.13	0.02	0.94	<0.01	1.43	0.21	17.64	99.00	0.06	1.67	23.72	1.56	0.10	<0.08	23.28	1.32
3201302	Drill Core	0.35	0.03	0.59	0.18	0.02	0.76	<0.01	0.61	<0.01	20.82	98.79	0.05	1.07	30.55	1.00	0.06	<0.08	30.25	0.90
3201303	Drill Core	0.99	0.03	1.49	0.27	0.03	2.28	<0.01	0.39	0.10	7.83	99.56	0.09	1.54	8.27	1.33	0.20	<0.08	8.09	0.54
3201304	Drill Core	0.31	0.03	0.28	0.22	<0.01	0.55	<0.01	0.60	0.13	10.32	99.28	0.05	2.01	13.06	1.81	0.20	<0.08	12.82	0.73
3201305	Drill Core	0.17	0.03	0.12	0.05	<0.01	0.26	<0.01	8.75	4.14	10.58	99.66	0.02	0.80	15.98	0.74	0.06	<0.08	12.87	9.33
3201306	Rock	1.49	0.15	0.55	0.14	<0.01	0.06	<0.01	<0.01	<0.01	0.71	99.44	0.03	0.04	<0.02	<0.02	<0.02	<0.08	<0.05	0.30
3201307	Drill Core	0.28	0.03	0.42	0.17	<0.01	0.51	<0.01	0.22	2.91	12.66	99.76	0.03	1.07	18.02	0.93	0.14	<0.08	16.61	4.22
3201308	Drill Core	0.30	0.04	0.41	0.15	<0.01	0.53	<0.01	0.16	1.24	13.07	99.71	0.04	1.06	18.54	0.93	0.13	<0.08	17.87	2.01
3201309	Drill Core	0.37	0.03	0.27	0.08	0.01	0.56	<0.01	0.30	0.87	7.56	99.59	0.04	0.97	10.35	0.84	0.13	<0.08	9.86	1.46
3201310	Drill Core	0.52	0.02	0.28	0.11	<0.01	0.79	<0.01	0.24	0.12	6.61	99.27	0.05	0.99	8.63	0.91	0.07	<0.08	8.46	0.51



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: November 13, 2019

Page: 5 of 6

Part: 4 of 4

CERTIFICATE OF ANALYSIS

WHI19000550.2

Method	GC204	GC204
Analyte	Ga	Ge
Unit	ppm	ppm
MDL	1	1
3201281	Drill Core	
3201282	Drill Core	
3201283	Drill Core	
3201284	Drill Core	
3201285	Drill Core	
3201286	Drill Core	
3201287	Drill Core	
3201288	Drill Core	
3201289	Drill Core	
3201290	Drill Core	
3201291	Drill Core	
3201292	Drill Core	
3201293	Drill Core	
3201294	Drill Core	
3201295	Drill Core	
3201296	Drill Core	
3201297	Drill Core	
3201298	Drill Core	
3201299	Drill Core	
3201300	Rock Pulp	
3201301	Drill Core	
3201302	Drill Core	
3201303	Drill Core	
3201304	Drill Core	
3201305	Drill Core	
3201306	Rock	
3201307	Drill Core	
3201308	Drill Core	
3201309	Drill Core	
3201310	Drill Core	



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:

November 13, 2019

Page:

6 of 6

Part:

1 of 4

CERTIFICATE OF ANALYSIS

WHI19000550.2

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
3201311	Drill Core	2.26	5.8	43.6	899.2	6825	3.5	105.0	12.5	49	8.36	142	2.4	<0.5	56	34.3	78.3	<0.5	46	0.04	0.030
3201312	Drill Core	1.75	11.1	52.9	890.8	11512	4.2	107.8	10.2	50	7.56	120	5.3	<0.5	28	70.6	73.6	<0.5	42	<0.01	0.012
3201313	Drill Core	1.80	10.4	32.2	544.5	9325	2.7	66.6	8.0	46	2.87	102	4.8	<0.5	28	57.5	42.3	<0.5	32	0.01	0.016
3201314	Drill Core	2.06	11.1	49.5	597.6	26957	3.7	47.5	8.8	63	3.04	87	5.0	<0.5	20	170.5	45.4	<0.5	25	<0.01	0.012
3201315	Drill Core	2.05	11.7	110.0	1161.7	50578	9.2	50.5	14.7	79	10.92	157	9.2	<0.5	128	324.3	105.6	<0.5	30	0.07	0.047
3201316	Drill Core	2.09	5.7	70.4	1704.7	14137	7.0	38.2	14.3	53	10.76	294	4.9	<0.5	25	87.6	235.2	<0.5	14	<0.01	0.012
3201317	Drill Core	1.45	5.9	77.2	4154.4	26309	10.8	49.8	12.1	59	9.50	285	4.5	<0.5	21	169.5	391.1	<0.5	17	<0.01	0.010
3201318	Drill Core	2.01	4.0	50.5	2697.7	7265	10.6	53.2	14.2	46	14.14	410	1.4	<0.5	13	43.9	282.9	<0.5	10	<0.01	0.005
3201319	Drill Core	1.34	5.9	34.6	418.4	125	3.6	58.2	9.9	45	10.75	189	6.3	<0.5	29	4.7	64.6	<0.5	24	<0.01	0.017
3201320	Rock Pulp	0.04	3.8	444.6	34125.3	46229	54.2	16.5	39.8	2270	7.23	150	1.5	6.6	25	167.8	48.2	<0.5	<10	4.63	0.055
3201321	Drill Core	1.55	7.6	31.6	242.1	325	1.2	49.6	8.8	31	2.64	68	18.3	0.6	58	5.1	26.6	<0.5	28	<0.01	0.019
3201322	Drill Core	1.56	9.3	46.1	432.4	1684	2.4	64.5	9.4	35	5.73	92	26.3	0.9	70	14.3	50.4	<0.5	32	<0.01	0.025
3201323	Drill Core	1.88	5.1	65.6	488.0	8264	4.3	54.5	10.2	38	9.44	180	1.9	<0.5	52	38.7	82.9	<0.5	32	0.01	0.021
3201324	Drill Core	1.86	4.6	36.2	419.5	3648	2.7	42.1	9.0	45	8.12	144	3.2	<0.5	26	19.7	50.4	<0.5	24	<0.01	0.006
3201325	Drill Core	1.75	2.4	14.3	72.5	55	0.8	36.7	7.5	41	2.51	50	1.5	<0.5	23	0.7	16.6	<0.5	17	<0.01	0.005
3201326	Drill Core	1.84	4.5	73.7	1576.0	3822	7.8	50.5	11.8	67	14.05	265	4.5	<0.5	22	23.3	108.6	<0.5	18	<0.01	0.007
3201327	Drill Core	2.17	3.0	43.7	334.4	598	3.7	66.7	17.2	48	10.42	179	2.8	<0.5	28	4.0	68.4	<0.5	18	<0.01	0.006
3201328	Drill Core	1.24	5.7	82.6	468.8	29156	5.7	53.4	19.8	52	10.36	259	0.8	<0.5	19	180.8	97.9	<0.5	14	<0.01	0.007



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: November 13, 2019

Page: 6 of 6

Part: 2 of 4

CERTIFICATE OF ANALYSIS

WHI19000550.2

	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
3201311	Drill Core	0.8	31.0	<0.01	237	0.001	0.36	<0.01	0.09	<0.5	12.06	1.2	2.0	9.62	<5	<2	73.33	4.30	12.02	0.07	0.09
3201312	Drill Core	1.0	22.2	<0.01	475	<0.001	0.31	<0.01	0.07	<0.5	20.14	1.3	1.4	8.74	<5	<2	75.08	3.94	10.69	0.02	0.08
3201313	Drill Core	0.7	14.8	<0.01	1134	<0.001	0.26	<0.01	0.06	0.9	14.83	1.2	1.4	3.36	<5	<2	85.94	3.63	4.22	0.03	0.08
3201314	Drill Core	0.6	11.5	<0.01	787	<0.001	0.20	<0.01	0.04	<0.5	44.28	1.2	1.3	4.39	<5	<2	82.79	3.06	4.44	0.02	0.07
3201315	Drill Core	0.9	13.1	<0.01	165	<0.001	0.20	<0.01	0.05	<0.5	84.62	1.2	2.9	14.42	6	<2	64.32	2.30	15.59	0.12	0.06
3201316	Drill Core	<0.5	12.8	<0.01	225	<0.001	0.12	<0.01	0.03	<0.5	24.63	0.9	2.7	12.51	<5	<2	71.13	1.64	15.44	0.02	0.03
3201317	Drill Core	<0.5	13.9	<0.01	217	<0.001	0.17	<0.01	0.04	<0.5	42.00	0.8	2.6	11.69	<5	<2	70.94	2.67	13.50	0.02	0.05
3201318	Drill Core	<0.5	18.9	<0.01	164	<0.001	0.13	<0.01	0.03	<0.5	15.47	0.6	3.7	16.20	<5	<2	63.84	1.88	20.61	0.01	0.06
3201319	Drill Core	0.7	21.0	<0.01	174	<0.001	0.25	<0.01	0.05	<0.5	2.61	1.4	2.2	11.88	<5	<2	67.71	4.96	15.83	0.02	0.07
3201320	Rock Pulp	21.6	14.8	2.60	255	0.016	1.00	0.01	0.66	<0.5	1.43	2.9	44.3	7.66	<5	<2	38.21	7.59	10.88	6.89	4.87
3201321	Drill Core	1.5	17.2	<0.01	1018	<0.001	0.31	<0.01	0.09	<0.5	1.16	2.2	1.1	2.72	5	<2	83.53	5.42	3.78	0.01	0.11
3201322	Drill Core	1.9	21.6	<0.01	718	<0.001	0.32	<0.01	0.10	<0.5	3.44	3.4	2.0	6.27	7	<2	78.21	5.62	7.94	0.02	0.11
3201323	Drill Core	0.6	13.1	<0.01	305	<0.001	0.38	<0.01	0.12	<0.5	13.67	1.1	2.5	10.76	<5	<2	66.55	6.51	13.46	0.01	0.13
3201324	Drill Core	0.5	15.3	<0.01	453	<0.001	0.20	<0.01	0.06	<0.5	6.65	1.0	1.7	9.04	<5	<2	76.19	3.14	11.39	<0.01	0.07
3201325	Drill Core	<0.5	10.2	<0.01	732	<0.001	0.21	<0.01	0.07	<0.5	0.40	0.8	0.9	2.49	<5	<2	88.04	3.65	3.59	<0.01	0.07
3201326	Drill Core	0.5	13.0	<0.01	170	<0.001	0.19	<0.01	0.05	<0.5	13.43	0.9	2.3	15.73	<5	<2	61.88	2.34	21.31	<0.01	0.05
3201327	Drill Core	<0.5	12.9	<0.01	192	<0.001	0.26	<0.01	0.06	<0.5	2.44	0.9	1.4	11.50	<5	<2	69.75	4.17	15.05	<0.01	0.06
3201328	Drill Core	<0.5	11.2	<0.01	394	<0.001	0.13	<0.01	0.03	<0.5	47.51	<0.5	3.1	12.70	<5	<2	70.28	1.66	14.95	<0.01	0.04



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: November 13, 2019

Page: 6 of 6

Part: 3 of 4

CERTIFICATE OF ANALYSIS

WHI19000550.2

	Method Analyte Unit MDL	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC000	TC000	TC005	TC005	TC006	TC008	TC008	LF726
		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	Zn
		%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		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	0.05	0.05
3201311	Drill Core	0.61	0.03	0.38	0.09	0.01	0.90	<0.01	0.09	0.65	7.33	100.22	0.05	0.78	9.79	0.68	0.09	<0.08	9.40	1.17	
3201312	Drill Core	0.56	0.02	0.28	0.04	<0.01	0.81	<0.01	0.08	1.08	6.92	100.01	0.04	1.09	8.69	0.97	0.11	<0.08	8.12	1.71	
3201313	Drill Core	0.52	0.03	0.23	0.05	<0.01	0.75	<0.01	0.05	0.90	3.36	100.13	0.04	0.85	3.58	0.74	0.11	<0.08	3.14	1.33	
3201314	Drill Core	0.42	0.03	0.17	0.02	<0.01	0.65	<0.01	0.06	2.84	3.81	99.18	0.03	0.89	4.69	0.80	0.10	<0.08	3.40	3.87	
3201315	Drill Core	0.31	0.03	0.12	0.12	<0.01	0.47	<0.01	0.11	5.26	9.58	99.79	0.02	0.60	14.64	0.56	0.03	<0.08	12.19	7.34	
3201316	Drill Core	0.22	0.03	0.09	0.03	<0.01	0.31	<0.01	0.16	1.38	8.30	99.24	0.02	0.33	12.63	0.30	0.02	<0.08	11.88	2.24	
3201317	Drill Core	0.37	0.03	0.14	0.02	<0.01	0.52	<0.01	0.40	2.57	7.74	99.74	0.02	0.44	11.68	0.40	0.03	<0.08	10.46	3.67	
3201318	Drill Core	0.27	0.03	0.11	0.01	<0.01	0.35	<0.01	0.26	0.70	10.85	99.23	0.01	0.36	16.22	0.33	0.03	<0.08	15.75	1.40	
3201319	Drill Core	0.68	0.03	0.33	0.03	<0.01	1.01	<0.01	0.04	<0.01	9.00	99.92	0.03	0.65	12.36	0.58	0.06	<0.08	12.23	0.39	
3201320	Rock Pulp	3.58	0.30	0.25	0.11	<0.01	0.10	0.04	3.51	4.94	15.51	98.46	<0.01	3.27	7.89	0.97	<0.02	8.43	4.08	11.44	
3201321	Drill Core	0.83	0.01	0.33	0.09	<0.01	0.83	<0.01	0.02	0.03	3.05	98.18	0.03	0.52	2.90	0.43	0.10	<0.08	2.83	0.20	
3201322	Drill Core	0.87	0.02	0.35	0.11	<0.01	0.88	<0.01	0.03	0.16	5.17	99.69	0.04	0.51	6.37	0.42	0.09	<0.08	6.23	0.44	
3201323	Drill Core	1.04	0.01	0.38	0.08	<0.01	0.95	<0.01	0.04	0.79	8.33	98.68	0.04	0.59	10.95	0.49	0.09	<0.08	10.49	1.37	
3201324	Drill Core	0.50	0.01	0.18	0.03	<0.01	0.50	<0.01	0.03	0.34	6.52	99.06	0.03	0.54	9.09	0.44	0.10	<0.08	8.85	0.74	
3201325	Drill Core	0.58	0.01	0.20	0.02	0.01	0.56	<0.01	<0.01	<0.01	2.40	99.26	0.02	0.37	2.56	0.29	0.08	<0.08	2.52	0.14	
3201326	Drill Core	0.33	0.02	0.16	0.03	<0.01	0.37	<0.01	0.17	0.39	11.36	98.62	0.02	0.40	17.06	0.36	0.04	<0.08	16.71	1.05	
3201327	Drill Core	0.58	0.01	0.34	0.04	<0.01	0.78	<0.01	0.03	0.06	8.54	99.60	0.03	0.49	11.90	0.41	0.07	<0.08	11.72	0.53	
3201328	Drill Core	0.24	0.01	0.11	0.01	0.01	0.27	<0.01	0.05	2.88	8.53	99.84	0.02	0.52	12.93	0.42	0.10	<0.08	11.56	4.12	



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: November 13, 2019

Page: 6 of 6

Part: 4 of 4

CERTIFICATE OF ANALYSIS

WHI19000550.2

Method	GC204	GC204
Analyte	Ga	Ge
Unit	ppm	ppm
MDL	1	1
3201311	Drill Core	
3201312	Drill Core	
3201313	Drill Core	
3201314	Drill Core	
3201315	Drill Core	
3201316	Drill Core	
3201317	Drill Core	7 16
3201318	Drill Core	
3201319	Drill Core	
3201320	Rock Pulp	
3201321	Drill Core	
3201322	Drill Core	
3201323	Drill Core	
3201324	Drill Core	
3201325	Drill Core	
3201326	Drill Core	
3201327	Drill Core	
3201328	Drill Core	



**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:

November 13, 2019

Page:

1 of 7

Part:

1 of 4

QUALITY CONTROL REPORT

WHI19000550.2

	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
3201217	Drill Core	2.08	2.3	27.3	59.9	101	1.2	44.2	12.1	2329	7.73	53	1.6	1.6	94	3.5	26.1	<0.5	70	0.19	0.061
3201253	Drill Core	2.42	<0.5	675.4	4876.0	>200000	101.2	107.3	13.3	1498	7.29	239	<0.5	1.9	8	2554.7	300.8	<0.5	15	0.06	<0.001
3201322	Drill Core	1.56	9.3	46.1	432.4	1684	2.4	64.5	9.4	35	5.73	92	26.3	0.9	70	14.3	50.4	<0.5	32	<0.01	0.025
Pulp Duplicates																					
3201193	Drill Core	1.33	7.2	26.9	71.6	1466	1.7	104.8	14.1	1456	5.29	120	2.1	1.4	125	4.5	37.5	<0.5	58	0.33	0.131
REP 3201193	QC		7.2	25.0	68.7	1449	1.6	98.4	13.1	1447	5.22	118	2.0	1.2	123	4.8	37.5	<0.5	58	0.32	0.133
3201195	Drill Core	1.04	6.0	14.7	197.8	821	1.7	301.0	37.7	8632	22.65	355	2.9	1.2	178	2.7	24.3	<0.5	164	0.60	0.139
REP 3201195	QC																				
3201214	Drill Core	1.68	3.4	85.8	103.3	25511	2.8	52.8	14.4	1372	5.88	75	1.0	1.4	116	125.5	41.3	<0.5	55	0.23	0.095
REP 3201214	QC																				
3201215	Drill Core	2.24	2.3	55.0	49.6	8417	0.9	40.1	15.0	1686	5.64	49	1.1	1.7	101	50.6	18.6	<0.5	37	0.16	0.058
REP 3201215	QC																				
3201218	Drill Core	1.96	1.9	28.2	47.4	3757	0.8	39.6	11.0	1637	5.39	45	1.3	1.5	101	24.1	16.2	<0.5	36	0.18	0.074
REP 3201218	QC																				
REP 3201221	QC																				
3201223	Drill Core	1.60	1.8	13.8	845.1	13869	1.9	43.3	18.4	3318	10.99	57	<0.5	1.1	67	76.0	16.9	<0.5	41	0.17	0.046
REP 3201223	QC																				
3201226	Drill Core	1.68	2.6	70.6	424.5	37405	4.5	44.1	16.4	2176	7.65	64	0.8	1.4	74	267.1	35.9	<0.5	46	0.17	0.057
REP 3201226	QC		2.5	71.7	425.1	37119	4.5	46.5	16.2	2281	7.63	68	0.9	1.2	74	263.7	35.4	<0.5	47	0.17	0.058
3201228	Drill Core	2.86	6.0	75.8	174.9	15622	3.4	59.9	13.6	232	1.92	71	3.4	1.4	71	79.2	48.3	<0.5	29	0.11	0.058
REP 3201228	QC																				
3201248	Drill Core	2.22	2.5	118.3	423.9	71802	14.2	88.3	22.2	263	6.29	324	0.9	1.6	45	420.4	66.3	<0.5	18	0.11	0.048
REP 3201248	QC																				
3201250	Drill Core	2.02	1.7	352.5	798.2	190186	38.4	68.2	18.2	2028	10.22	174	0.6	1.1	28	1414.4	148.1	<0.5	34	0.15	0.039
REP 3201250	QC																				
3201251	Drill Core	2.54	1.3	598.0	1252.9	>200000	67.9	96.4	16.4	752	14.54	448	0.6	0.5	21	1943.0	255.2	<0.5	19	0.11	0.040
REP 3201251	QC																				
3201252	Drill Core	1.25	1.5	44.8	2.6	161	<0.5	4.9	9.7	475	3.00	<5	0.7	2.1	88	0.8	<0.5	<0.5	102	1.07	0.064
REP 3201252	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:

November 13, 2019

Page:

1 of 7

Part:

2 of 4

QUALITY CONTROL REPORT

WHI19000550.2

	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
3201217	Drill Core	2.9	18.0	0.26	136	<0.001	0.34	<0.01	0.10	<0.5	0.47	6.8	<0.5	0.53	<5	<2	67.68	8.57	11.67	0.27	0.56
3201253	Drill Core	<0.5	5.5	0.18	211	0.009	0.14	<0.01	<0.01	<0.5	312.64	2.4	1.1	22.92	14	3	20.79	1.75	10.23	0.08	0.32
3201322	Drill Core	1.9	21.6	<0.01	718	<0.001	0.32	<0.01	0.10	<0.5	3.44	3.4	2.0	6.27	7	<2	78.21	5.62	7.94	0.02	0.11
Pulp Duplicates																					
3201193	Drill Core	3.5	22.5	0.10	151	0.002	0.24	<0.01	0.09	<0.5	1.35	4.6	1.1	2.12	<5	4	78.45	6.00	8.01	0.48	0.24
REP 3201193	QC	1.3	21.6	0.09	145	0.002	0.24	<0.01	0.08	<0.5	1.29	4.2	1.1	2.06	<5	4					
3201195	Drill Core	1.2	228.7	0.45	74	0.004	0.64	<0.01	0.02	<0.5	0.84	13.7	<0.5	0.63	<5	4	35.76	6.78	34.08	0.85	0.90
REP 3201195	QC																				
3201214	Drill Core	2.2	16.1	0.17	151	0.001	0.46	<0.01	0.11	<0.5	20.23	4.7	1.0	2.98	<5	3	69.54	6.13	8.74	0.33	0.39
REP 3201214	QC																				
3201215	Drill Core	2.9	14.5	0.19	138	0.001	0.37	<0.01	0.11	<0.5	7.58	3.2	0.6	1.17	<5	<2	71.80	8.54	8.49	0.24	0.41
REP 3201215	QC																				
3201218	Drill Core	2.4	13.7	0.18	137	0.002	0.39	<0.01	0.11	<0.5	2.90	3.6	<0.5	0.69	<5	<2	74.24	7.82	8.24	0.28	0.41
REP 3201218	QC																74.22	7.86	8.22	0.27	0.40
REP 3201221	QC																73.77	7.04	6.55	0.31	0.37
3201223	Drill Core	1.9	17.0	0.38	112	0.001	0.36	<0.01	0.08	<0.5	10.59	4.2	<0.5	1.49	<5	<2	64.13	5.47	16.69	0.26	0.70
REP 3201223	QC																				
3201226	Drill Core	2.0	14.8	0.28	140	<0.001	0.29	<0.01	0.11	<0.5	29.00	5.1	0.7	2.62	<5	<2	66.04	6.61	10.95	0.23	0.51
REP 3201226	QC	1.9	14.7	0.25	141	0.001	0.29	<0.01	0.09	<0.5	28.51	5.7	0.8	2.61	<5	<2					
3201228	Drill Core	2.5	13.2	0.04	228	0.001	0.39	<0.01	0.14	<0.5	12.06	1.9	1.1	2.02	<5	<2	79.70	8.18	3.03	0.16	0.16
REP 3201228	QC																				
3201248	Drill Core	1.7	9.3	0.06	483	<0.001	0.48	<0.01	0.13	<0.5	56.38	1.4	3.2	9.24	<5	<2	59.40	9.31	9.03	0.17	0.22
REP 3201248	QC																				
3201250	Drill Core	1.0	10.1	0.32	348	<0.001	0.35	<0.01	0.09	<0.5	137.41	4.1	2.0	13.56	7	5	38.91	6.39	14.54	0.22	0.65
REP 3201250	QC																				
3201251	Drill Core	0.5	7.3	0.08	60	0.001	0.21	<0.01	0.04	<0.5	211.41	1.0	6.2	26.31	6	5	22.87	2.86	20.49	0.15	0.19
REP 3201251	QC																				
3201252	Drill Core	6.6	6.7	0.86	174	0.181	2.00	0.27	0.30	<0.5	<0.05	4.0	<0.5	<0.05	6	<2	60.42	16.92	6.40	6.21	2.87
REP 3201252	QC																60.43	16.92	6.39	6.20	2.87



Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

QUALITY CONTROL REPORT

WHI19000550.2

	Method	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC000	TC000	TC005	TC005	TC006	TC008	TC008	LF726		
	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	Zn		
	Unit	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%		
	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	0.05	0.05	0.1		
3201217	Drill Core	0.98	0.32	0.52	0.15	0.02	0.12	<0.01	0.01	0.01	7.99	98.99	0.03	2.36	0.61	0.73	0.06	5.76	0.45	0.49			
3201253	Drill Core	0.31	0.20	0.11	0.05	<0.01	0.16	0.05	0.48	>24	14.77	99.99	0.01	0.82	24.34	0.19	<0.02	2.30	11.05	39.87	41.0		
3201322	Drill Core	0.87	0.02	0.35	0.11	<0.01	0.88	<0.01	0.03	0.16	5.17	99.69	0.04	0.51	6.37	0.42	0.09	<0.08	6.23	0.44			
Pulp Duplicates																							
3201193	Drill Core	0.60	0.20	0.46	0.35	0.01	0.10	<0.01	0.02	0.16	5.92	101.11	0.05	1.95	2.27	1.10	0.15	2.57	1.99	0.82			
REP 3201193	QC																						
3201195	Drill Core	0.21	1.10	1.37	0.40	0.06	0.05	<0.01	0.03	0.09	18.05	99.82	0.06	5.85	0.72	1.14	0.03	17.14	0.24	1.44			
REP 3201195	QC	5.84												0.73									
3201214	Drill Core	0.91	0.18	0.38	0.23	0.02	0.12	<0.01	0.02	2.76	6.44	96.94	0.03	1.59	3.27	0.69	0.06	3.10	1.82	4.35			
REP 3201214	QC																				4.92		
3201215	Drill Core	1.07	0.21	0.49	0.16	0.02	0.14	<0.01	<0.01	0.92	6.32	99.15	0.03	1.66	1.15	0.57	0.05	3.80	0.60	1.66			
REP 3201215	QC																	0.06					
3201218	Drill Core	0.89	0.22	0.49	0.19	0.01	0.12	<0.01	0.01	0.42	5.98	99.50	0.03	1.73	0.70	0.62	0.10	3.74	0.37	0.99			
REP 3201218	QC	0.89	0.22	0.48	0.19	0.01	0.12	<0.01	0.01	0.41	5.98	99.47	0.03										
REP 3201221	QC	0.92	0.14	0.50	0.22	0.01	0.15	<0.01	0.05	3.12	5.28	99.32	0.03										
3201223	Drill Core	0.65	0.45	0.39	0.11	<0.01	0.09	<0.01	0.09	1.49	9.56	100.55	0.02	2.91	1.49	0.69	0.06	7.90	0.48	3.03			
REP 3201223	QC																	7.98					
3201226	Drill Core	0.89	0.28	0.38	0.13	<0.01	0.14	<0.01	0.04	3.86	7.71	98.80	0.04	2.05	2.81	0.61	0.03	5.14	0.76	6.15			
REP 3201226	QC																						
3201228	Drill Core	1.40	0.05	0.49	0.15	<0.01	0.22	<0.01	<0.01	1.48	3.62	99.15	0.05	0.82	2.22	0.65	0.05	0.44	1.52	2.09			
REP 3201228	QC	0.81												2.20									
3201248	Drill Core	1.75	0.05	0.56	0.12	0.02	0.79	<0.01	0.04	7.26	7.59	98.33	0.04	0.62	9.55	0.49	0.02	0.40	6.33	9.65			
REP 3201248	QC																				10.28		
3201250	Drill Core	1.15	0.28	0.37	0.11	<0.01	0.56	0.03	0.08	18.96	12.60	99.76	0.03	1.65	13.77	0.47	<0.02	4.26	4.72	27.16			
REP 3201250	QC																	<0.02					
3201251	Drill Core	0.48	0.11	0.17	0.10	<0.01	0.38	0.04	0.13	>24	17.00	99.96	0.02	0.59	27.27	0.24	<0.02	1.26	13.85	40.26	28.9		
REP 3201251	QC																						
3201252	Drill Core	1.52	0.15	0.54	0.13	<0.01	0.06	<0.01	<0.01	<0.01	0.91	99.48	0.03	0.03	<0.02	<0.02	<0.02	<0.08	<0.05	0.41			
REP 3201252	QC	1.51	0.15	0.54	0.13	<0.01	0.05	<0.01	<0.01	<0.01	0.91	99.48	0.03										



**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:

November 13, 2019

Page:

1 of 7

Part:

4 of 4

QUALITY CONTROL REPORT

WHI19000550.2

	Method	GC204	GC204
Analyte		Ga	Ge
Unit		ppm	ppm
MDL		1	1
3201217	Drill Core		
3201253	Drill Core	19	164
3201322	Drill Core		
Pulp Duplicates			
3201193	Drill Core		
REP 3201193	QC		
3201195	Drill Core		
REP 3201195	QC		
3201214	Drill Core		
REP 3201214	QC		
3201215	Drill Core		
REP 3201215	QC		
3201218	Drill Core		
REP 3201218	QC		
REP 3201221	QC		
3201223	Drill Core		
REP 3201223	QC		
3201226	Drill Core		
REP 3201226	QC		
3201228	Drill Core		
REP 3201228	QC		
3201248	Drill Core		
REP 3201248	QC		
3201250	Drill Core		
REP 3201250	QC		
3201251	Drill Core	15	126
REP 3201251	QC	14	126
3201252	Drill Core		
REP 3201252	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:

November 13, 2019

Page:

2 of 7

Part:

1 of 4

QUALITY CONTROL REPORT

WHI19000550.2

		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
3201254	Drill Core	2.40	<0.5	656.6	5879.3	>200000	96.1	117.9	18.1	1222	7.47	300	<0.5	1.0	12	2505.0	293.5	<0.5	14	0.05	0.019
REP 3201254	QC																				
REP 3201255	QC																				
3201258	Drill Core	1.96	12.1	69.8	934.0	8002	7.3	90.9	14.0	64	20.70	380	1.9	0.8	58	45.9	83.3	<0.5	35	0.02	0.022
REP 3201258	QC																				
3201261	Drill Core	1.17	19.6	81.7	5623.0	27286	8.5	110.7	11.5	45	7.42	185	2.2	1.6	39	97.0	122.3	<0.5	54	0.03	0.018
REP 3201261	QC		18.5	73.2	5381.1	26948	8.5	112.3	11.2	42	7.46	186	1.8	1.4	37	98.7	124.3	<0.5	52	0.03	0.015
3201263	Drill Core	2.00	27.2	47.7	332.1	1453	2.9	129.1	11.9	32	3.81	96	2.0	1.9	33	5.3	79.4	<0.5	33	0.04	0.010
REP 3201263	QC																				
3201283	Drill Core	1.46	22.2	67.9	260.0	179	1.1	118.2	12.9	28	4.52	96	4.6	2.2	87	17.9	64.9	<0.5	44	0.04	0.043
REP 3201283	QC																				
3201285	Drill Core	1.43	28.2	66.3	490.7	1444	2.4	152.6	15.6	49	6.07	119	3.0	2.3	194	6.0	58.0	<0.5	36	0.19	0.085
REP 3201285	QC																				
3201286	Drill Core	1.62	24.2	68.6	1801.4	21055	5.9	141.0	11.1	60	7.03	145	2.4	1.9	60	60.1	72.5	<0.5	27	0.03	0.012
REP 3201286	QC																				
REP 3201289	QC																				
3201293	Drill Core	1.87	15.3	56.5	5099.2	10404	22.7	73.7	14.6	53	13.29	629	10.0	1.0	26	185.2	425.5	<0.5	24	<0.01	0.015
REP 3201293	QC																				
3201296	Drill Core	1.24	16.6	87.9	4667.4	24147	12.8	96.7	10.1	65	4.88	192	2.7	1.0	22	109.4	95.9	<0.5	41	<0.01	0.011
REP 3201296	QC		17.1	87.7	4745.2	24844	14.0	95.0	9.7	64	4.97	194	2.8	1.4	23	117.3	101.5	<0.5	41	<0.01	0.009
3201298	Drill Core	2.16	17.7	50.9	6354.8	285	12.2	90.5	10.4	55	4.54	198	2.9	1.6	65	2.4	102.5	<0.5	30	0.03	0.025
REP 3201298	QC																				
3201318	Drill Core	2.01	4.0	50.5	2697.7	7265	10.6	53.2	14.2	46	14.14	410	1.4	<0.5	13	43.9	282.9	<0.5	10	<0.01	0.005
REP 3201318	QC																				
3201320	Rock Pulp	0.04	3.8	444.6	34125.3	46229	54.2	16.5	39.8	2270	7.23	150	1.5	6.6	25	167.8	48.2	<0.5	<10	4.63	0.055
REP 3201320	QC																				
REP 3201323	QC																				
3201328	Drill Core	1.24	5.7	82.6	468.8	29156	5.7	53.4	19.8	52	10.36	259	0.8	<0.5	19	180.8	97.9	<0.5	14	<0.01	0.007
REP 3201328	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:

November 13, 2019

Page:

2 of 7

Part:

2 of 4

QUALITY CONTROL REPORT

WHI19000550.2

		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
3201254	Drill Core	<0.5	4.0	0.15	224	<0.001	0.15	<0.01	<0.01	<0.5	311.47	1.3	1.1	23.81	12	8	17.90	2.06	10.91	0.08	0.27
REP 3201254	QC																25.74	2.95	4.54	0.08	0.03
REP 3201255	QC																				
3201258	Drill Core	0.9	13.1	<0.01	51	<0.001	0.30	<0.01	0.02	0.7	13.62	0.7	3.8	23.31	<5	2	45.28	3.58	30.48	0.04	0.05
REP 3201258	QC																				
3201261	Drill Core	2.3	16.9	0.01	248	<0.001	0.48	<0.01	0.09	<0.5	27.03	<0.5	5.0	9.91	<5	6	64.86	7.46	11.35	0.05	0.10
REP 3201261	QC	2.4	17.5	0.01	252	<0.001	0.46	<0.01	0.10	<0.5	28.34	1.1	4.9	9.97	<5	6					
3201263	Drill Core	3.8	14.4	0.02	1180	<0.001	0.40	<0.01	0.10	<0.5	3.08	0.9	4.7	4.43	<5	3	68.56	11.57	6.13	0.07	0.21
REP 3201263	QC																				
3201283	Drill Core	4.2	15.4	0.01	712	0.001	0.52	<0.01	0.13	<0.5	2.39	0.9	4.1	4.90	<5	13	70.25	10.34	6.78	0.06	0.22
REP 3201283	QC																				
3201285	Drill Core	4.6	13.7	0.01	528	0.002	1.38	<0.01	0.15	<0.5	4.82	1.2	5.4	6.18	<5	10	59.19	12.62	9.16	0.27	0.23
REP 3201285	QC																				
3201286	Drill Core	4.2	12.8	0.01	510	0.001	1.06	<0.01	0.12	<0.5	45.63	0.8	4.6	8.55	<5	8	61.21	9.76	10.44	0.05	0.19
REP 3201286	QC																61.61	9.81	10.52	0.06	0.18
REP 3201289	QC																64.44	8.15	11.67	0.53	0.17
3201293	Drill Core	1.6	17.0	<0.01	124	0.001	0.22	<0.01	0.05	<0.5	31.89	1.3	17.9	15.56	<5	2	61.95	2.41	19.76	0.02	0.06
REP 3201293	QC																				
3201296	Drill Core	2.3	15.9	<0.01	833	<0.001	0.32	<0.01	0.08	<0.5	62.43	1.6	4.2	6.63	<5	5	73.84	5.45	6.93	0.02	0.10
REP 3201296	QC	2.5	16.6	<0.01	538	<0.001	0.36	<0.01	0.09	<0.5	64.87	1.2	3.8	6.55	<5	8					
3201298	Drill Core	1.9	15.2	<0.01	1099	<0.001	0.38	<0.01	0.10	<0.5	3.74	1.2	2.9	5.12	<5	<2	76.45	5.82	6.75	0.06	0.12
REP 3201298	QC																				
3201318	Drill Core	<0.5	18.9	<0.01	164	<0.001	0.13	<0.01	0.03	<0.5	15.47	0.6	3.7	16.20	<5	<2	63.84	1.88	20.61	0.01	0.06
REP 3201318	QC																				
3201320	Rock Pulp	21.6	14.8	2.60	255	0.016	1.00	0.01	0.66	<0.5	1.43	2.9	44.3	7.66	<5	<2	38.21	7.59	10.88	6.89	4.87
REP 3201320	QC																38.33	7.62	10.93	6.94	4.88
REP 3201323	QC																66.56	6.57	13.56	0.02	0.14
3201328	Drill Core	<0.5	11.2	<0.01	394	<0.001	0.13	<0.01	0.03	<0.5	47.51	<0.5	3.1	12.70	<5	<2	70.28	1.66	14.95	<0.01	0.04
REP 3201328	QC																70.46	1.68	14.67	<0.01	0.04



**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:

November 13, 2019

Page:

2 of 7

Part: 3 of 4

QUALITY CONTROL REPORT

WHI19000550.2

		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 %	TC008 S/S- %	TC008 SO4 %	LF726 Zn %
		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	0.05	0.05	0.1
3201254	Drill Core	0.36	0.18	0.14	0.04	<0.01	0.19	0.05	0.63	>24	15.34	100.74	0.01	0.72	26.35	0.20	<0.02	1.88	11.92	43.29	42.0
REP 3201254	QC																				41.7
REP 3201255	QC	0.54	0.04	0.22	0.07	<0.01	0.31	0.07	0.25	>24	12.33	100.61	0.02								
3201258	Drill Core	0.27	0.03	0.20	0.04	<0.01	0.37	<0.01	0.10	0.79	18.11	99.62	0.02	1.16	25.06	1.11	0.04	<0.08	24.41	1.94	
REP 3201258	QC																	<0.08			
3201261	Drill Core	0.98	0.03	0.36	0.03	<0.01	1.36	<0.01	0.54	2.82	9.12	100.03	0.04	1.22	10.63	1.21	<0.02	<0.08	9.06	4.71	
REP 3201261	QC																				
3201263	Drill Core	1.57	0.03	0.55	0.03	0.02	2.22	<0.01	0.03	0.15	7.63	99.20	0.06	2.36	4.90	2.32	0.04	<0.08	4.73	0.49	
REP 3201263	QC													2.34	5.01						
3201283	Drill Core	1.53	0.02	0.46	0.09	<0.01	2.25	<0.01	0.02	0.02	6.89	99.32	0.07	1.92	5.52	1.89	0.02	<0.08	5.41	0.31	
REP 3201283	QC																			0.30	
3201285	Drill Core	1.57	0.03	0.60	0.20	<0.01	5.06	<0.01	0.05	0.15	8.84	98.72	0.07	2.01	7.39	1.96	0.03	0.09	6.94	1.37	
REP 3201285	QC																	0.03			
3201286	Drill Core	1.26	0.03	0.50	0.02	<0.01	3.78	<0.01	0.17	2.09	9.16	99.73	0.06	2.01	9.46	1.96	0.02	<0.08	8.32	3.40	
REP 3201286	QC	1.26	0.03	0.50	0.03	<0.01	3.83	<0.01	0.18	2.11	9.16	100.37	0.06								
REP 3201289	QC	1.04	0.04	0.68	0.42	0.02	2.43	<0.01	0.03	0.01	9.83	99.84	0.11								
3201293	Drill Core	0.32	0.03	0.19	0.03	<0.01	0.77	<0.01	0.52	1.04	11.94	99.45	0.03	1.15	16.60	1.11	0.03	<0.08	15.85	2.24	
REP 3201293	QC																	<0.08			
3201296	Drill Core	0.74	0.03	0.31	0.02	<0.01	1.18	<0.01	0.44	2.30	6.80	98.99	0.05	2.07	6.58	1.94	0.13	<0.08	5.53	3.15	
REP 3201296	QC																				
3201298	Drill Core	0.82	0.03	0.32	0.07	0.01	1.24	<0.01	0.58	0.03	6.77	99.29	0.04	2.71	5.44	2.54	0.16	<0.08	5.29	0.45	
REP 3201298	QC													2.69	5.42						
3201318	Drill Core	0.27	0.03	0.11	0.01	<0.01	0.35	<0.01	0.26	0.70	10.85	99.23	0.01	0.36	16.22	0.33	0.03	<0.08	15.75	1.40	
REP 3201318	QC																			1.44	
3201320	Rock Pulp	3.58	0.30	0.25	0.11	<0.01	0.10	0.04	3.51	4.94	15.51	98.46	<0.01	3.27	7.89	0.97	<0.02	8.43	4.08	11.44	
REP 3201320	QC	3.58	0.31	0.26	0.11	<0.01	0.10	0.04	3.51	4.99	15.51	98.79	<0.01				<0.02				
REP 3201323	QC	1.07	0.01	0.39	0.10	<0.01	0.97	<0.01	0.04	0.81	8.33	98.95	0.04								
3201328	Drill Core	0.24	0.01	0.11	0.01	0.01	0.27	<0.01	0.05	2.88	8.53	99.84	0.02	0.52	12.93	0.42	0.10	<0.08	11.56	4.12	
REP 3201328	QC	0.23	0.01	0.14	0.02	<0.01	0.25	<0.01	0.05	2.86	8.53	99.72	0.02					<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:

November 13, 2019

Page:

2 of 7

Part:

4 of 4

QUALITY CONTROL REPORT

WHI19000550.2

		GC204 Ga ppm 1	GC204 Ge ppm 1
3201254	Drill Core		
REP 3201254	QC		
REP 3201255	QC		
3201258	Drill Core		
REP 3201258	QC		
3201261	Drill Core		
REP 3201261	QC		
3201263	Drill Core		
REP 3201263	QC		
3201283	Drill Core		
REP 3201283	QC		
3201285	Drill Core		
REP 3201285	QC		
3201286	Drill Core		
REP 3201286	QC		
REP 3201289	QC		
3201293	Drill Core		
REP 3201293	QC		
3201296	Drill Core		
REP 3201296	QC		
3201298	Drill Core		
REP 3201298	QC		
3201318	Drill Core		
REP 3201318	QC		
3201320	Rock Pulp		
REP 3201320	QC		
REP 3201323	QC		
3201328	Drill Core		
REP 3201328	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:

November 13, 2019

Page:

3 of 7

Part:

1 of 4

QUALITY CONTROL REPORT

WHI19000550.2

		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																					
3201221	Drill Core	1.76	2.0	64.9	440.0	31366	2.7	33.9	10.2	1247	4.33	40	0.9	1.7	121	131.2	16.0	<0.5	36	0.21	0.084
DUP 3201221	QC		1.9	67.4	461.0	31620	3.0	34.9	10.0	1159	4.22	42	0.9	1.7	119	137.1	17.0	<0.5	34	0.20	0.095
3201255	Drill Core	1.03	0.8	800.2	2419.1	>200000	105.8	156.8	25.2	81	2.98	277	<0.5	0.7	19	2687.0	367.4	<0.5	12	0.06	0.028
DUP 3201255	QC		0.7	848.9	2431.6	>200000	109.4	162.1	27.1	74	3.02	265	<0.5	0.7	19	2820.6	393.6	<0.5	12	0.06	0.028
3201289	Drill Core	1.72	26.0	69.5	407.6	122	4.7	229.0	19.6	101	7.80	390	5.7	0.8	242	2.6	87.2	<0.5	94	0.36	0.185
DUP 3201289	QC		24.2	66.7	394.5	136	4.5	215.7	20.8	92	7.81	374	5.5	0.8	247	2.5	85.2	<0.5	88	0.35	0.176
3201323	Drill Core	1.88	5.1	65.6	488.0	8264	4.3	54.5	10.2	38	9.44	180	1.9	<0.5	52	38.7	82.9	<0.5	32	0.01	0.021
DUP 3201323	QC		5.0	63.6	503.8	8034	4.3	54.1	10.3	34	9.55	176	1.7	<0.5	53	36.5	81.9	<0.5	31	0.01	0.015
Reference Materials																					
STD COO1	Standard																				
STD COO1	Standard																				
STD COO1	Standard																				
STD COO1	Standard																				
STD COO1	Standard																				
STD COO1	Standard																				
STD COO1	Standard																				
STD COO1	Standard																				
STD CZN-4	Standard																				
STD GBM309-15	Standard																				
STD GBM309-15	Standard																				
STD GBM309-15	Standard																				
STD GBM309-15	Standard																				
STD GBM309-14	Standard																				
STD GG-3	Standard																				
STD GG-3	Standard																				
STD GGC-10	Standard																				
STD GGC-10	Standard																				
STD GGC-10	Standard																				



www.bureauveritas.com/um

PHONE (604) 253-3158

Project: MacMillan Pass
Report Date: November 13, 2019

Part: 2 of 4

WHI19000550.2

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.



Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

QUALITY CONTROL REPORT

WHI19000550.2

		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 %	TC008 S/S- %	TC008 SO4 %	LF726 Zn %		
		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	0.05	0.05	0.1		
Core Reject Duplicates																							
3201221	Drill Core	0.91	0.15	0.49	0.21	<0.01	0.15	<0.01	0.05	3.13	5.28	99.40	0.03	1.31	2.05	0.52	0.08	2.58	0.42	4.89			
DUP 3201221	QC	0.92	0.15	0.53	0.23	0.01	0.14	<0.01	0.05	3.21	5.31	99.28	0.03	1.29	2.08	0.53	0.06	2.56	0.45	4.90			
3201255	Drill Core	0.54	0.04	0.20	0.07	<0.01	0.29	0.06	0.24	>24	12.33	100.15	0.02	0.15	24.45	0.14	<0.02	<0.08	18.29	18.49	42.6		
DUP 3201255	QC	0.54	0.03	0.21	0.07	<0.01	0.30	0.06	0.26	>24	12.29	99.91	0.02	0.15	23.98	0.14	<0.02	<0.08	17.42	19.67	42.7		
3201289	Drill Core	1.05	0.04	0.69	0.41	0.02	2.42	<0.01	0.03	0.01	9.83	99.79	0.11	2.69	9.19	2.63	0.06	<0.08	8.93	0.76			
DUP 3201289	QC	1.03	0.04	0.69	0.41	0.02	2.41	<0.01	0.03	0.02	9.82	99.12	0.11	2.63	9.16	2.55	0.07	<0.08	8.91	0.76			
3201323	Drill Core	1.04	0.01	0.38	0.08	<0.01	0.95	<0.01	0.04	0.79	8.33	98.68	0.04	0.59	10.95	0.49	0.09	<0.08	10.49	1.37			
DUP 3201323	QC	1.04	0.02	0.37	0.08	<0.01	0.94	<0.01	0.05	0.77	8.36	99.02	0.04	0.58	10.87	0.46	0.12	<0.08	10.44	1.30			
Reference Materials																							
STD COO1	Standard																	2.36					
STD COO1	Standard																	2.20					
STD COO1	Standard																	2.23					
STD COO1	Standard																	2.27					
STD COO1	Standard																	2.40					
STD COO1	Standard																	2.24					
STD COO1	Standard																	2.16					
STD COO1	Standard																	2.44					
STD CZN-4	Standard																						55.3
STD GBM309-15	Standard													0.22	27.68								
STD GBM309-15	Standard													0.22	27.40								
STD GBM309-15	Standard													0.23	27.43								
STD GBM309-15	Standard																						
STD GBM309-14	Standard																				22.2		
STD GG-3	Standard																						
STD GG-3	Standard																						
STD GGC-10	Standard																	5.02					
STD GGC-10	Standard																	4.93					
STD GGC-10	Standard																	4.88					



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: November 13, 2019

Page: 3 of 7

Part: 4 of 4

QUALITY CONTROL REPORT

WHI19000550.2

		GC204 Ga ppm 1	GC204 Ge ppm 1
Core Reject Duplicates			
3201221	Drill Core		
DUP 3201221	QC		
3201255	Drill Core	19	194
DUP 3201255	QC	17	196
3201289	Drill Core		
DUP 3201289	QC		
3201323	Drill Core		
DUP 3201323	QC		
Reference Materials			
STD COO1	Standard		
STD COO1	Standard		
STD COO1	Standard		
STD COO1	Standard		
STD COO1	Standard		
STD COO1	Standard		
STD COO1	Standard		
STD COO1	Standard		
STD CZN-4	Standard		
STD GBM309-15	Standard		
STD GBM309-15	Standard		
STD GBM309-15	Standard		
STD GBM309-15	Standard		
STD GBM309-14	Standard		
STD GG-3	Standard	367	555
STD GG-3	Standard	370	541
STD GGC-10	Standard		
STD GGC-10	Standard		
STD GGC-10	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:

November 13, 2019

Page:

4 of 7

Part:

1 of 4

QUALITY CONTROL REPORT

WHI19000550.2

		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 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 GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD OREAS133B(D)	Standard																				
STD OREAS133B(D)	Standard																				
STD OREAS135	Standard	8.5	276.9	16850.4	27743	52.9	35.7	27.7	3800	8.87	951	9.6	11.0	27	66.9	38.3	5.0	30	1.79	0.105	
STD OREAS133B(D)	Standard																				
STD OREAS135	Standard	8.0	297.6	17999.5	28355	57.4	34.7	28.7	3933	9.09	1000	9.7	11.5	28	73.0	43.0	5.2	31	1.81	0.105	
STD OREAS133B(D)	Standard																				
STD OREAS133B(D)	Standard																				
STD OREAS605	Standard	4.8	46942.8	860.7	1992	>1000	1500.2	95.2	88	3.57	1694	0.9	2.8	50	13.5	291.1	18.8	<10	0.17	0.009	
STD OREAS605	Standard	4.9	49516.4	860.9	2173	>1000	1602.0	90.2	89	3.42	1669	1.0	2.9	53	15.0	325.6	21.7	<10	0.18	0.013	
STD OREAS605	Standard	4.9	49305.8	886.9	2279	985.4	1588.3	92.4	91	3.71	1685	1.0	2.8	52	14.6	306.5	20.6	<10	0.18	0.011	
STD OREAS605	Standard	5.0	49889.2	874.9	2276	998.2	1569.6	94.4	89	3.70	1693	0.9	2.6	52	14.8	319.2	20.5	<10	0.18	0.010	
STD OREAS72B	Standard																				
STD OREAS72B	Standard																				
STD OREAS72B	Standard																				
STD OREAS72B	Standard																				
STD OREAS72B	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:

November 13, 2019

Page:

4 of 7

Part:

2 of 4

QUALITY CONTROL REPORT

WHI19000550.2

		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 Tl 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 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 GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD OREAS133B(D)	Standard																34.45	6.90	11.51	5.27	3.81
STD OREAS133B(D)	Standard																34.69	6.91	11.55	5.33	3.83
STD OREAS135	Standard	38.2	21.1	0.82	412	0.025	1.10	0.02	0.49	2.8	1.24	4.1	6.2	7.08	5	<2					
STD OREAS133B(D)	Standard																34.63	6.93	11.49	5.30	3.84
STD OREAS135	Standard	39.8	21.8	0.84	411	0.026	1.10	0.02	0.50	3.2	1.02	4.0	6.0	7.21	5	<2					
STD OREAS133B(D)	Standard																34.62	6.93	11.55	5.28	3.82
STD OREAS133B(D)	Standard																34.57	6.88	11.47	5.33	3.83
STD OREAS605	Standard	7.4	26.4	0.03	149	0.010	0.77	0.03	0.15	6.7	1.57	0.9	16.0	7.66	6	75					
STD OREAS605	Standard	7.5	27.0	0.03	209	0.011	0.74	0.03	0.15	7.6	1.84	1.1	17.2	7.79	7	79					
STD OREAS605	Standard	7.8	27.7	0.03	234	0.010	0.75	0.03	0.16	6.8	1.80	1.2	16.5	7.94	7	85					
STD OREAS605	Standard	7.4	28.5	0.03	265	0.010	0.72	0.03	0.14	7.3	1.84	1.3	16.2	7.93	7	87					
STD OREAS72B	Standard																51.20	8.96	9.99	3.98	16.08
STD OREAS72B	Standard																51.06	8.86	9.97	3.95	16.00
STD OREAS72B	Standard																51.04	8.81	9.90	3.96	15.96
STD OREAS72B	Standard																51.19	8.90	9.81	3.96	16.01
STD OREAS72B	Standard																51.15	8.95	9.90	3.97	16.05



Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

QUALITY CONTROL REPORT

WHI19000550.2

		LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC000	TC000	TC005	TC005	TC006	TC008	TC008	LF726	
		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	Zn
		%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
		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	0.05	0.05	0.1
STD GGC-10	Standard																4.67				
STD GGC-10	Standard																4.74				
STD GGC-10	Standard																4.83				
STD GGC-10	Standard																4.75				
STD GGC-10	Standard																4.76				
STD GS311-1	Standard													0.99	2.40						
STD GS311-1	Standard													0.97	2.46						
STD GS311-1	Standard													0.97	2.43						
STD GS311-1	Standard													0.99	2.41						
STD GS910-4	Standard													2.73	8.68						
STD GS910-4	Standard													2.63	8.65						
STD GS910-4	Standard													2.66	8.47						
STD GS910-4	Standard													2.66	8.18						
STD OREAS133B(D)	Standard	3.46	0.17	0.22	0.12	<0.01	0.07	0.06	5.06	11.39	13.03	98.87	0.01								
STD OREAS133B(D)	Standard	3.44	0.16	0.22	0.12	<0.01	0.07	0.06	5.08	11.35	13.03	99.22	<0.01								
STD OREAS135	Standard																				
STD OREAS133B(D)	Standard	3.46	0.16	0.21	0.11	<0.01	0.08	0.06	5.07	11.37	13.03	99.14	<0.01								
STD OREAS135	Standard																				
STD OREAS133B(D)	Standard	3.46	0.16	0.21	0.12	0.02	0.08	0.06	5.07	11.38	13.03	99.22	<0.01								
STD OREAS133B(D)	Standard	3.50	0.16	0.21	0.12	<0.01	0.07	0.06	5.07	11.38	13.03	99.10	<0.01								
STD OREAS605	Standard																				
STD OREAS605	Standard																				
STD OREAS605	Standard																				
STD OREAS605	Standard																				
STD OREAS72B	Standard	1.33	0.15	0.35	0.05	0.15	0.04	0.02	<0.01	0.01	5.12	98.73	0.01								
STD OREAS72B	Standard	1.31	0.15	0.34	0.05	0.15	0.03	0.02	<0.01	0.01	5.12	98.36	0.01								
STD OREAS72B	Standard	1.32	0.15	0.35	0.05	0.14	0.03	0.02	<0.01	<0.01	5.12	98.16	0.01								
STD OREAS72B	Standard	1.35	0.14	0.39	0.05	0.15	0.03	0.02	<0.01	<0.01	5.12	98.43	0.01								
STD OREAS72B	Standard	1.34	0.14	0.34	0.05	0.15	0.03	0.02	<0.01	0.01	5.12	98.55	0.01								



**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:

November 13, 2019

Page:

4 of 7

Part:

4 of 4

QUALITY CONTROL REPORT

WHI19000550.2

		GC204 Ga ppm 1	GC204 Ge ppm 1
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 GS910-4	Standard		
STD GS910-4	Standard		
STD GS910-4	Standard		
STD GS910-4	Standard		
STD OREAS133B(D)	Standard		
STD OREAS133B(D)	Standard		
STD OREAS135	Standard		
STD OREAS133B(D)	Standard		
STD OREAS135	Standard		
STD OREAS133B(D)	Standard		
STD OREAS133B(D)	Standard		
STD OREAS605	Standard		
STD OREAS605	Standard		
STD OREAS605	Standard		
STD OREAS605	Standard		
STD OREAS72B	Standard		
STD OREAS72B	Standard		
STD OREAS72B	Standard		
STD OREAS72B	Standard		
STD OREAS72B	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:

November 13, 2019

Page:

5 of 7

Part:

1 of 4

QUALITY CONTROL REPORT

WHI19000550.2

		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 OREAS927-AR	Standard		1.1	10634.4	227.1	671	4.5	30.6	28.8	1155	8.09	12	1.8	12.5	15	1.0	1.3	67.2	36	0.31	0.050
STD OREAS927-AR	Standard		1.0	10752.3	241.7	687	4.6	27.4	26.6	1077	7.85	13	1.9	12.3	15	1.0	1.3	71.1	35	0.29	0.060
STD RTS-3A	Standard																				
STD RTS-3A	Standard																				
STD RTS-3A	Standard																				
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 SY-4(D)	Standard																				
STD GS311-1 Expected																					
STD GS910-4 Expected																					
STD GBM309-15 Expected																					
STD RTS-3A Expected																					
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 OREAS605 Expected			4.75	49800	856	2170	984	1568	96	86	3.75	1674	0.92		49	13.6	307	19	7.8	0.182	0.0105
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 GGC-10 Expected																					
STD COO1 Expected																					
STD SY-4(D) Expected																					
STD OREAS72B Expected																					
STD OREAS133B(D) Expected																					
STD CZN-4 Expected																					
STD GBM309-14 Expected																					



**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:

November 13, 2019

Page:

5 of 7

Part:

2 of 4

QUALITY CONTROL REPORT

WHI19000550.2

		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
STD OREAS927-AR	Standard	28.7	41.1	1.93	51	0.096	3.35	<0.01	0.27	5.4	<0.05	5.1	<0.5	1.85	8	15					
STD OREAS927-AR	Standard	28.1	38.3	1.90	50	0.087	3.28	<0.01	0.31	5.8	0.23	4.1	<0.5	1.70	9	14					
STD RTS-3A	Standard																				
STD RTS-3A	Standard																				
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																49.81	20.73	6.21	7.96	0.53
STD SY-4(D)	Standard																50.11	20.70	6.21	8.05	0.54
STD SY-4(D)	Standard																50.25	20.75	6.21	8.03	0.53
STD SY-4(D)	Standard																49.95	20.73	6.22	8.02	0.54
STD SY-4(D)	Standard																49.90	20.71	6.21	8.00	0.53
STD GS311-1 Expected																					
STD GS910-4 Expected																					
STD GBM309-15 Expected																					
STD RTS-3A Expected																					
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 OREAS605 Expected		7.5	27.5	0.0289	160	0.01	0.73	0.0328	0.134	7.1	1.7	1.05	15.9	7.86	6.7	79					
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 GGC-10 Expected																					
STD COO1 Expected																					
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
STD OREAS133B(D) Expected																	33.83	6.91	11.67	5.4	3.73
STD CZN-4 Expected																					
STD GBM309-14 Expected																					



**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:

November 13, 2019

Page:

5 of 7

Part:

3 of 4

QUALITY CONTROL REPORT

WHI19000550.2

		LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC000	TC000	TC005	TC005	TC006	TC008	TC008	LF726		
		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	Zn	
		%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%		
		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	0.05	0.05	0.1	
STD OREAS927-AR	Standard																					
STD OREAS927-AR	Standard																					
STD RTS-3A	Standard	3.56																				
STD RTS-3A	Standard	3.43																				
STD RTS-3A	Standard	3.51																				
STD RTS-3A	Standard	3.52																				
STD RTS-3A	Standard	3.49																				
STD RTS-3A	Standard	3.16																				
STD RTS-3A	Standard	3.09																				
STD RTS-3A	Standard	3.04																				
STD SY-4(D)	Standard	1.67	0.11	0.29	0.14	<0.01	0.03	<0.01	<0.01	0.01	4.56	99.15	<0.01									
STD SY-4(D)	Standard	1.68	0.11	0.29	0.14	<0.01	0.04	<0.01	<0.01	0.01	4.56	99.53	<0.01									
STD SY-4(D)	Standard	1.67	0.11	0.29	0.14	<0.01	0.04	<0.01	<0.01	<0.01	4.56	99.76	<0.01									
STD SY-4(D)	Standard	1.67	0.11	0.28	0.14	<0.01	0.04	<0.01	<0.01	<0.01	4.56	99.42	<0.01									
STD SY-4(D)	Standard	1.66	0.11	0.28	0.14	<0.01	0.04	<0.01	0.01	0.01	4.56	99.26	<0.01									
STD GS311-1 Expected														1.02	2.35							
STD GS910-4 Expected														2.65	8.27							
STD GBM309-15 Expected														0.22	28.84							
STD RTS-3A Expected		3.3																				
STD OREAS927-AR Expected																						
STD OREAS605 Expected																						
STD OREAS135 Expected																						
STD GGC-10 Expected																	4.79					
STD COO1 Expected																	2.37					
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										
STD OREAS133B(D) Expected							0.08	0.032	5.06	11.35												
STD CZN-4 Expected		55.07																				
STD GBM309-14 Expected		22.7192																				



**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:

November 13, 2019

Page:

5 of 7

Part:

4 of 4

QUALITY CONTROL REPORT

WHI19000550.2

		GC204 Ga ppm 1	GC204 Ge ppm 1
STD OREAS927-AR	Standard		
STD OREAS927-AR	Standard		
STD RTS-3A	Standard		
STD RTS-3A	Standard		
STD RTS-3A	Standard		
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 SY-4(D)	Standard		
STD GS311-1 Expected			
STD GS910-4 Expected			
STD GBM309-15 Expected			
STD RTS-3A Expected			
STD OREAS927-AR Expected			
STD OREAS605 Expected			
STD OREAS135 Expected			
STD GGC-10 Expected			
STD COO1 Expected			
STD SY-4(D) Expected			
STD OREAS72B Expected			
STD OREAS133B(D) Expected			
STD CZN-4 Expected			
STD GBM309-14 Expected			



**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:

November 13, 2019

Page:

6 of 7

Part:

1 of 4

QUALITY CONTROL REPORT

WHI19000550.2

		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 GG-3 Expected																				
BLK	Blank																			
BLK	Blank																			
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
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
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
BLK	Blank																			
SI BLK	Blank																			
SI BLK	Blank																			
BLK	Blank		<0.5	<0.5	0.8	<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																			
BLK	Blank		<0.5	2.0	<0.5	10	<0.5	0.8	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01
SI BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
SI BLK	Blank																			
SI BLK	Blank																			
BLK	Blank																			
Prep Wash																				



**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:

November 13, 2019

Page:

6 of 7

Part:

2 of 4

QUALITY CONTROL REPORT

WHI19000550.2

		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 GG-3 Expected																					
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																				
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																				
SI BLK	Blank																98.86	0.33	0.02	<0.01	0.01
SI BLK	Blank																99.29	0.32	<0.01	0.02	0.02
BLK	Blank	<0.5	0.9	<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																99.69	0.31	0.03	0.02	0.02
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																98.47	0.32	<0.01	<0.01	0.02
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
SI BLK	Blank																98.68	0.31	<0.01	0.01	0.02
SI BLK	Blank																				
BLK	Blank																				
Prep Wash																					



www.bureauveritas.com/um

PHONE (604) 253-3158

Project: MacMillan Pass
Report Date: November 13, 2019

Part: 3 of 4

WHI19000550.2

		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 %	TC008 S/S- %	TC008 SO4 %	LF726 Zn %
		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	0.05	0.05	0.1
STD GG-3 Expected																					
BLK	Blank	<0.05																			
BLK	Blank	<0.02 <0.02																			
BLK	Blank	<0.08																			
BLK	Blank	<0.05																			
BLK	Blank	<0.05																			
BLK	Blank	<0.02 <0.02																			
BLK	Blank	<0.02 <0.02																			
BLK	Blank	<0.02 <0.02																			
BLK	Blank	<0.05																			
BLK	Blank	<0.08																			
BLK	Blank	<0.08																			
SI BLK	Blank	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.00	99.22	<0.01								
SI BLK	Blank	<0.01	0.02	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.00	99.67	<0.01								
BLK	Blank																				
SI BLK	Blank	<0.01	0.02	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.00	100.09	<0.01								
BLK	Blank																				
SI BLK	Blank	<0.01	0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.00	98.82	<0.01								
BLK	Blank	<0.02																			
BLK	Blank	<0.02																			
BLK	Blank	<0.02																			
BLK	Blank	<0.02																			
BLK	Blank	<0.08																			
SI BLK	Blank	<0.01	<0.01	0.03	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	0.00	99.04	<0.01								
SI BLK	Blank	<0.1																			
BLK	Blank																				
Prep Wash																					



**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:

November 13, 2019

Page:

6 of 7

Part:

4 of 4

QUALITY CONTROL REPORT

WHI19000550.2

		GC204 Ga ppm 1	GC204 Ge ppm 1
STD GG-3 Expected		370	600
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank		
SI BLK	Blank		
SI BLK	Blank		
BLK	Blank		
SI BLK	Blank		
BLK	Blank		
SI BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank		
SI BLK	Blank		
SI BLK	Blank		
BLK	Blank	<1	<1
Prep Wash			



**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:

November 13, 2019

Page:

7 of 7

Part:

1 of 4

QUALITY CONTROL REPORT

WHI19000550.2

		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
ROCK-WHI	Prep Blank		0.9	4.1	1.5	31	<0.5	1.5	3.5	573	1.88	<5	<0.5	1.9	23	<0.5	<0.5	<0.5	27	0.69
ROCK-WHI	Prep Blank		1.0	8.2	1.1	36	<0.5	2.4	4.3	598	2.02	<5	<0.5	2.3	30	<0.5	<0.5	<0.5	33	0.77



**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:

November 13, 2019

Page:

7 of 7

Part:

2 of 4

QUALITY CONTROL REPORT

WHI19000550.2

		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
ROCK-WHI	Prep Blank	6.9	3.6	0.51	68	0.103	0.98	0.12	0.13	<0.5	<0.05	3.7	<0.5	<0.05	<5	<2	70.48	14.05	3.26	2.21	1.01
ROCK-WHI	Prep Blank	6.3	4.5	0.57	66	0.109	1.09	0.12	0.12	<0.5	<0.05	4.6	<0.5	<0.05	<5	<2	69.31	14.09	3.60	2.47	1.19



**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:

November 13, 2019

Page:

7 of 7

Part:

3 of 4

QUALITY CONTROL REPORT

WHI19000550.2

		LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC000	TC000	TC005	TC005	TC006	TC008	TC008	LF726
		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	Zn
		%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		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	0.05	0.05	0.1
ROCK-WHI	Prep Blank	1.92	0.10	0.34	0.08	<0.01	0.08	<0.01	<0.01	<0.01	0.97	99.23	<0.01	0.12	<0.02	0.06	<0.02	0.22	<0.05	0.15	
ROCK-WHI	Prep Blank	1.79	0.10	0.36	0.09	<0.01	0.07	<0.01	<0.01	<0.01	1.11	98.73	0.01	0.12	<0.02	0.08	<0.02	0.15	<0.05	0.15	



**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:

November 13, 2019

Page:

7 of 7

Part:

4 of 4

QUALITY CONTROL REPORT

WHI19000550.2

		GC204	GC204
		Ga	Ge
		ppm	ppm
		1	1
ROCK-WHI	Prep Blank		
ROCK-WHI	Prep Blank		