



BUREAU MINERAL LABORATORIES
VERITAS Canada

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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 18, 2019
Report Date: November 13, 2019
Page: 1 of 5

CERTIFICATE OF ANALYSIS

WHI19000557.2

CLIENT JOB INFORMATION

Project: MacMillan Pass
Shipment ID: FWZ-19-BV-027
P.O. Number
Number of Samples: 119

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	116	Crush, split and pulverize 500g rock to 200 mesh			WHI
SLBHP	3	Sort, label and box pulps			WHI
CRUBW	116	Extra clean rock wash between samples in crusher			WHI
PULSW	116	Extra Wash with Silica between each sample			WHI
AQ270	119	1:1:1 Aqua Regia digestion ICP-ES/ICP-MS analysis	1	Completed	VAN
LF725	119	Li2B4O7/LiBO2 fusion, analysis by XRF		Completed	VAN
TC000	119	Total C/S Analysis by Leco	0.1	Completed	VAN
TC007	119	Graphite and Organic C by Leco After Ignition	0.1	Completed	VAN
TC006	119	Inorganic Carbon	0.2	Completed	VAN
TC009	119	Sulfide and Sulfate	0.1	Completed	VAN
SHP01	119	Per sample shipping charges for branch shipments			VAN
GC204	1	HF + AR digestion, analyzed by ICP & MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS

Version 2 : GC204-Ga Ge included. V2O5 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.



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	Method Analyte Unit MDL	WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
		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
3206760	Rock	0.98	2.4	48.3	1.8	43	<0.5	4.0	10.2	452	2.85	<5	0.9	2.8	77	<0.5	<0.5	<0.5	96	0.96
3206761	Drill Core	1.97	2.4	42.9	299.7	11032	3.9	54.8	10.4	44	12.98	212	0.7	0.9	34	48.0	49.4	<0.5	<10	0.02
3206762	Drill Core	2.12	2.1	40.3	226.9	16998	3.2	44.7	8.1	35	10.73	172	0.7	<0.5	29	73.2	43.2	<0.5	<10	0.02
3206763	Drill Core	1.76	3.7	15.7	91.0	5491	0.7	49.7	9.0	48	2.39	66	1.0	<0.5	35	20.4	28.5	<0.5	<10	0.02
3206764	Drill Core	1.95	3.3	25.9	203.9	14878	1.6	69.6	13.1	43	7.38	164	1.0	<0.5	61	58.3	36.9	<0.5	<10	0.10
3206765	Drill Core	1.80	1.7	26.8	147.8	10140	1.8	74.6	11.0	38	8.43	148	0.6	<0.5	24	39.6	43.1	<0.5	<10	0.01
3206766	Drill Core	1.62	35.2	66.3	447.6	390	2.9	166.4	13.7	36	19.78	270	9.1	<0.5	55	1.3	99.0	<0.5	116	0.06
3206767	Drill Core	1.40	79.3	83.0	343.4	71	2.5	232.4	16.1	34	13.11	228	18.1	0.5	82	<0.5	86.4	<0.5	174	0.10
3206768	Drill Core	1.80	11.5	77.1	165.6	75	1.6	93.2	20.2	293	11.15	107	1.4	0.6	239	<0.5	47.2	<0.5	32	0.11
3206769	Drill Core	1.69	11.2	66.4	61.3	76	1.1	101.2	30.9	1438	9.00	70	0.9	<0.5	190	<0.5	32.0	<0.5	64	0.10
3206770	Drill Core	1.69	2.5	24.2	30.0	18	<0.5	42.7	11.7	1341	4.18	25	<0.5	0.5	106	<0.5	23.3	<0.5	33	0.07
3206771	Drill Core	1.30	2.4	33.8	36.2	17	<0.5	54.6	13.5	1222	4.89	31	<0.5	0.5	117	<0.5	27.9	<0.5	34	0.09
3206772	Drill Core	1.60	3.1	60.8	35.6	18	0.6	44.9	11.3	1125	3.88	23	<0.5	0.6	111	<0.5	33.3	<0.5	32	0.07
3206773	Drill Core	1.59	2.3	53.4	29.9	23	0.5	42.5	10.5	1724	5.38	21	<0.5	<0.5	92	<0.5	27.6	<0.5	31	0.09
3206774	Drill Core	1.44	2.5	50.2	42.1	22	0.6	60.0	11.2	2562	7.32	33	<0.5	<0.5	89	<0.5	30.4	<0.5	34	0.10
3206775	Drill Core	1.70	2.8	59.8	33.8	40	0.6	43.3	9.5	1570	5.72	19	<0.5	0.6	116	<0.5	31.3	<0.5	37	0.12
3206776	Drill Core	1.40	3.0	53.4	42.4	35	0.7	50.3	10.2	437	2.73	27	<0.5	0.6	109	<0.5	31.6	<0.5	18	0.06
3206777	Drill Core	1.57	3.3	61.0	41.2	32	0.8	52.8	10.1	1761	6.16	19	<0.5	0.7	110	<0.5	31.2	<0.5	44	0.13
3206778	Drill Core	1.31	3.6	45.5	40.2	29	0.7	44.7	8.2	1197	5.42	23	<0.5	<0.5	111	<0.5	31.3	<0.5	38	0.12
3206779	Drill Core	1.24	4.6	59.7	59.0	17	1.0	54.6	10.0	248	2.78	27	<0.5	0.6	89	<0.5	46.7	<0.5	18	0.05
3206780	Rock Pulp	0.03	2.8	220.3	18053.6	29009	33.8	26.9	20.2	1834	5.48	85	1.7	8.1	23	95.4	50.9	<0.5	<10	5.21
3206781	Drill Core	1.25	4.5	71.0	58.5	33	0.9	55.9	10.8	934	4.70	25	<0.5	0.8	102	<0.5	43.9	<0.5	41	0.10
3206782	Drill Core	1.57	4.8	69.0	68.4	30	1.0	61.1	10.3	733	4.45	29	0.5	0.8	118	<0.5	47.3	<0.5	37	0.10
3206783	Drill Core	1.49	4.3	53.5	58.4	31	0.8	48.5	10.0	1082	5.01	23	<0.5	0.8	99	<0.5	41.9	<0.5	40	0.11
3206784	Drill Core	1.96	3.9	57.5	51.1	27	0.7	46.0	10.4	351	2.90	22	<0.5	0.6	98	<0.5	40.1	<0.5	22	0.07
3206785	Drill Core	1.31	4.5	43.2	55.9	19	0.6	49.8	8.5	266	2.74	29	<0.5	0.6	123	<0.5	34.1	<0.5	11	0.08
3206786	Drill Core	1.93	3.3	50.1	47.2	16	0.6	50.0	8.7	120	2.06	24	<0.5	0.5	124	<0.5	34.7	<0.5	12	0.05
3206787	Drill Core	1.73	3.4	64.7	51.8	27	0.7	55.2	12.1	1083	4.91	26	<0.5	0.8	126	<0.5	40.3	<0.5	32	0.09
3206788	Drill Core	1.71	2.5	64.9	33.7	42	0.7	38.8	8.1	2877	10.31	17	<0.5	0.8	137	<0.5	39.4	<0.5	86	0.22
3206789	Drill Core	1.84	3.2	53.5	45.7	34	0.7	43.6	8.7	1994	7.41	23	<0.5	0.7	133	<0.5	40.6	<0.5	52	0.16



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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
3206760	Rock	6.6	6.9	0.84	169	0.170	1.73	0.23	0.30	<0.5	<0.05	3.8	<0.5	<0.05	<5	<2	60.50	16.83	6.18	6.20	2.80
3206761	Drill Core	<0.5	16.1	<0.01	81	<0.001	0.14	<0.01	0.05	<0.5	15.79	0.9	1.4	15.07	<5	<2	67.20	1.88	18.86	0.04	0.04
3206762	Drill Core	<0.5	11.5	<0.01	69	<0.001	0.11	<0.01	0.05	<0.5	24.06	0.8	1.3	12.94	<5	<2	69.93	1.96	15.55	0.04	0.04
3206763	Drill Core	<0.5	10.8	<0.01	62	<0.001	0.13	<0.01	0.04	<0.5	7.69	0.7	0.5	2.54	<5	<2	90.12	1.99	3.44	0.04	0.04
3206764	Drill Core	<0.5	13.9	<0.01	67	<0.001	0.11	<0.01	0.04	<0.5	18.77	0.5	0.8	8.77	<5	<2	77.55	2.34	10.61	0.15	0.04
3206765	Drill Core	<0.5	9.4	<0.01	53	<0.001	0.09	<0.01	0.04	<0.5	11.92	0.6	0.6	9.83	<5	<2	76.36	1.90	12.16	0.03	0.03
3206766	Drill Core	0.7	14.9	<0.01	110	<0.001	0.20	<0.01	0.07	<0.5	1.76	0.8	2.9	22.87	<5	5	48.22	2.79	28.89	0.10	0.06
3206767	Drill Core	1.1	14.1	<0.01	160	0.001	0.24	<0.01	0.11	<0.5	0.97	1.2	2.5	14.96	<5	6	57.12	4.02	19.08	0.14	0.10
3206768	Drill Core	0.6	23.1	0.14	181	<0.001	0.69	<0.01	0.10	<0.5	0.53	2.3	0.9	11.15	<5	5	60.70	9.45	16.17	0.18	0.29
3206769	Drill Core	<0.5	41.5	0.41	147	<0.001	1.36	<0.01	0.08	<0.5	0.42	7.0	0.6	4.55	<5	5	61.58	12.40	13.08	0.16	0.73
3206770	Drill Core	0.8	12.5	0.27	404	<0.001	0.43	<0.01	0.15	<0.5	0.35	4.1	0.7	0.93	<5	<2	72.85	10.98	6.27	0.12	0.58
3206771	Drill Core	0.8	12.9	0.29	303	<0.001	0.39	<0.01	0.13	<0.5	0.39	4.3	0.6	1.42	<5	<2	71.74	10.41	7.25	0.15	0.58
3206772	Drill Core	0.9	13.7	0.24	223	<0.001	0.50	<0.01	0.16	<0.5	0.35	3.5	0.7	0.94	<5	<2	71.11	12.30	5.81	0.12	0.54
3206773	Drill Core	0.8	12.3	0.36	191	<0.001	0.41	<0.01	0.12	<0.5	0.35	4.6	0.6	0.89	<5	<2	71.45	9.10	7.67	0.15	0.69
3206774	Drill Core	0.6	13.9	0.48	231	0.003	0.43	<0.01	0.12	<0.5	0.33	5.9	0.7	1.63	<5	<2	69.09	8.02	10.74	0.15	0.87
3206775	Drill Core	0.7	13.2	0.41	215	<0.001	0.45	<0.01	0.13	<0.5	0.36	5.0	0.6	1.11	<5	<2	69.32	9.70	8.50	0.19	0.78
3206776	Drill Core	0.9	9.6	0.14	195	<0.001	0.42	<0.01	0.13	<0.5	0.42	2.0	0.6	1.31	<5	<2	78.55	9.01	4.05	0.10	0.33
3206777	Drill Core	0.8	15.7	0.42	187	0.001	0.42	<0.01	0.13	<0.5	0.29	5.6	0.7	1.31	<5	<2	69.79	9.80	9.11	0.20	0.84
3206778	Drill Core	0.8	12.3	0.40	178	<0.001	0.41	<0.01	0.12	<0.5	0.33	5.3	0.6	1.25	<5	<2	74.47	7.74	7.90	0.20	0.77
3206779	Drill Core	0.9	8.6	0.10	180	<0.001	0.38	<0.01	0.13	<0.5	0.51	1.4	0.8	1.97	<5	<2	76.87	10.28	4.22	0.09	0.30
3206780	Rock Pulp	25.7	13.1	2.88	143	0.017	1.02	0.01	0.74	0.7	1.09	3.1	27.0	4.76	<5	<2	43.60	8.65	8.31	7.37	5.38
3206781	Drill Core	1.1	13.8	0.26	204	<0.001	0.45	<0.01	0.14	<0.5	0.37	5.8	0.9	1.77	<5	4	71.38	10.00	6.99	0.15	0.58
3206782	Drill Core	1.1	12.3	0.22	217	<0.001	0.48	<0.01	0.15	<0.5	0.44	4.8	1.1	2.25	<5	3	72.68	10.66	6.54	0.16	0.49
3206783	Drill Core	0.9	12.3	0.31	250	0.003	0.50	<0.01	0.14	<0.5	0.38	6.9	0.9	1.65	<5	2	71.20	10.27	7.32	0.17	0.65
3206784	Drill Core	0.9	9.4	0.15	205	<0.001	0.51	<0.01	0.14	<0.5	0.29	2.5	0.8	1.46	<5	<2	74.50	11.52	4.33	0.11	0.42
3206785	Drill Core	0.9	6.9	0.10	194	<0.001	0.41	<0.01	0.11	<0.5	0.26	0.9	0.7	1.90	<5	<2	78.76	9.32	4.17	0.14	0.26
3206786	Drill Core	0.9	7.7	0.07	234	<0.001	0.43	<0.01	0.12	<0.5	0.35	1.5	0.7	1.52	<5	<2	80.43	9.40	3.15	0.09	0.22
3206787	Drill Core	1.2	15.7	0.32	237	<0.001	0.63	<0.01	0.14	<0.5	0.28	5.5	0.8	1.44	<5	3	71.45	10.33	7.03	0.14	0.65
3206788	Drill Core	1.1	22.6	0.74	235	<0.001	0.67	<0.01	0.14	<0.5	0.28	15.6	0.7	0.88	<5	<2	60.85	9.14	15.01	0.31	1.34
3206789	Drill Core	1.1	16.6	0.49	278	<0.001	0.62	<0.01	0.13	<0.5	0.21	10.3	0.6	1.24	<5	<2	66.55	9.62	11.09	0.24	0.93



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Method	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC000	TC000	TC005	TC005	TC006	TC008	TC008	GC204
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	Ga
Unit	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm
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	1
3206760	Rock	1.50	0.13	0.52	0.14	<0.01	0.05	<0.01	<0.01	0.86	99.06	0.03	0.05	<0.02	0.03	<0.02	0.09	<0.05	0.20	
3206761	Drill Core	0.34	0.02	0.14	0.06	0.01	0.06	<0.01	0.04	1.08	99.93	0.02	0.23	15.27	0.21	<0.02	<0.08	14.76	1.54	
3206762	Drill Core	0.37	0.01	0.13	0.06	<0.01	0.06	<0.01	0.02	1.71	98.81	0.01	0.24	13.38	0.21	<0.02	<0.08	12.59	2.38	
3206763	Drill Core	0.34	0.01	0.11	0.05	0.01	0.06	<0.01	0.02	0.55	99.10	0.01	0.37	2.67	0.33	0.03	<0.08	2.52	0.46	
3206764	Drill Core	0.36	0.01	0.25	0.14	0.02	0.06	<0.01	0.03	1.47	99.29	0.02	0.25	8.70	0.23	0.02	<0.08	8.05	1.94	
3206765	Drill Core	0.32	0.02	0.10	0.03	0.01	0.05	<0.01	0.02	1.00	98.91	0.01	0.26	10.05	0.21	0.04	<0.08	9.56	1.46	
3206766	Drill Core	0.57	<0.01	0.11	0.09	0.02	0.08	<0.01	0.05	0.04	99.46	0.13	3.75	23.01	3.65	0.09	<0.08	22.80	0.64	
3206767	Drill Core	0.85	0.01	0.17	0.12	0.01	0.12	<0.01	0.03	<0.01	98.94	0.24	7.18	15.66	6.53	0.63	<0.08	15.51	0.46	
3206768	Drill Core	1.38	0.04	0.64	0.20	0.02	0.26	<0.01	0.01	<0.01	99.49	0.06	1.15	11.59	1.03	0.04	0.29	11.39	0.60	
3206769	Drill Core	1.23	0.18	0.91	0.20	0.02	0.27	<0.01	<0.01	<0.01	99.22	0.06	1.92	4.73	1.36	0.06	1.85	4.36	1.10	
3206770	Drill Core	1.87	0.16	0.58	0.12	0.01	0.32	<0.01	<0.01	<0.01	99.48	0.04	1.48	0.98	0.74	0.08	2.42	0.77	0.62	
3206771	Drill Core	1.74	0.16	0.56	0.12	0.02	0.30	<0.01	0.01	<0.01	99.04	0.04	1.54	1.53	0.81	0.05	2.48	1.24	0.88	
3206772	Drill Core	2.05	0.15	0.67	0.14	0.01	0.33	<0.01	0.01	<0.01	99.04	0.04	1.63	0.98	0.97	0.09	2.08	0.76	0.65	
3206773	Drill Core	1.53	0.23	0.50	0.11	0.01	0.24	<0.01	0.01	<0.01	97.80	0.03	1.68	0.88	0.73	0.04	3.33	0.66	0.67	
3206774	Drill Core	1.35	0.31	0.42	0.09	0.02	0.21	<0.01	0.01	<0.01	98.84	0.03	2.11	1.66	0.90	0.03	4.34	1.24	1.25	
3206775	Drill Core	1.68	0.19	0.53	0.11	0.02	0.27	<0.01	0.01	<0.01	98.06	0.04	1.91	1.13	0.87	0.04	3.66	0.86	0.79	
3206776	Drill Core	1.55	0.06	0.46	0.10	0.01	0.26	<0.01	<0.01	<0.01	98.46	0.04	1.00	1.38	0.73	0.04	0.83	1.20	0.52	
3206777	Drill Core	1.72	0.22	0.51	0.11	0.01	0.28	<0.01	<0.01	<0.01	99.75	0.04	1.98	1.33	0.91	0.05	3.75	1.03	0.90	
3206778	Drill Core	1.34	0.15	0.40	0.10	0.02	0.22	<0.01	<0.01	<0.01	99.39	0.04	1.80	1.35	0.93	0.05	3.03	1.06	0.88	
3206779	Drill Core	1.86	0.04	0.53	0.10	0.02	0.29	<0.01	0.01	<0.01	99.17	0.04	1.13	2.12	0.92	0.07	0.52	1.98	0.43	
3206780	Rock Pulp	4.17	0.24	0.25	0.13	0.01	0.08	0.02	1.74	3.09	95.70	<0.01	3.39	5.00	0.41	<0.02	10.93	2.46	7.62	
3206781	Drill Core	1.84	0.12	0.54	0.13	0.01	0.30	<0.01	0.01	<0.01	98.20	0.05	1.69	1.89	1.00	0.08	2.26	1.54	1.04	
3206782	Drill Core	1.96	0.09	0.57	0.13	0.02	0.32	<0.01	0.02	<0.01	99.62	0.05	1.55	2.37	1.00	0.10	1.66	2.06	0.93	
3206783	Drill Core	1.80	0.13	0.52	0.12	0.01	0.30	<0.01	0.01	<0.01	98.80	0.04	1.75	1.71	0.94	0.10	2.61	1.36	1.05	
3206784	Drill Core	2.03	0.05	0.59	0.11	0.01	0.35	<0.01	0.01	<0.01	98.81	0.04	1.02	1.30	0.71	0.09	0.83	1.10	0.58	
3206785	Drill Core	1.60	0.04	0.46	0.13	0.01	0.28	<0.01	<0.01	<0.01	99.41	0.04	1.01	2.00	0.83	0.07	0.40	1.88	0.38	
3206786	Drill Core	1.59	0.03	0.48	0.10	0.02	0.29	<0.01	<0.01	<0.01	99.41	0.04	0.81	1.64	0.69	0.06	0.20	1.54	0.27	
3206787	Drill Core	1.81	0.14	0.53	0.12	0.01	0.33	<0.01	<0.01	<0.01	98.39	0.04	1.52	1.47	0.80	0.06	2.43	1.21	0.80	
3206788	Drill Core	1.58	0.37	0.47	0.11	0.01	0.30	<0.01	<0.01	<0.01	99.49	0.04	3.02	0.86	0.99	0.06	7.22	0.60	0.79	
3206789	Drill Core	1.70	0.27	0.49	0.13	0.02	0.32	<0.01	<0.01	<0.01	99.36	0.04	2.35	1.22	0.96	0.06	4.84	0.95	0.80	



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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

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CERTIFICATE OF ANALYSIS

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Method	GC204
Analyte	Ge
Unit	ppm
MDL	1
3206760	Rock
3206761	Drill Core
3206762	Drill Core
3206763	Drill Core
3206764	Drill Core
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3206774	Drill Core
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3206776	Drill Core
3206777	Drill Core
3206778	Drill Core
3206779	Drill Core
3206780	Rock Pulp
3206781	Drill Core
3206782	Drill Core
3206783	Drill Core
3206784	Drill Core
3206785	Drill Core
3206786	Drill Core
3206787	Drill Core
3206788	Drill Core
3206789	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

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CERTIFICATE OF ANALYSIS

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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
3206790	Drill Core	1.50	2.2	29.6	42.2	31	<0.5	39.2	7.3	2083	7.52	20	<0.5	0.5	81	<0.5	25.1	<0.5	46	0.14	0.020
3206791	Drill Core	1.51	2.2	34.9	56.3	22	0.6	53.3	7.7	1158	5.40	52	<0.5	0.6	87	<0.5	31.8	<0.5	22	0.10	0.033
3206792	Drill Core	2.16	3.5	52.1	72.6	32	1.1	52.8	10.3	872	4.10	34	<0.5	0.7	90	<0.5	49.6	<0.5	30	0.08	0.029
3206793	Drill Core	1.78	2.5	32.7	64.1	28	0.7	48.8	8.6	1232	5.67	54	<0.5	0.5	68	<0.5	31.7	0.6	27	0.08	0.020
3206794	Drill Core	1.88	3.3	58.1	72.2	51	1.4	50.8	10.8	1867	5.80	36	<0.5	0.5	97	<0.5	52.5	0.6	48	0.08	0.017
3206795	Drill Core	2.23	3.2	54.9	143.8	93	1.3	59.3	12.5	1167	4.17	45	<0.5	0.5	112	<0.5	55.9	<0.5	37	0.07	0.022
3206796	Drill Core	1.52	1.9	19.1	73.1	61	<0.5	44.6	10.8	3223	8.08	27	0.9	0.7	102	<0.5	16.5	<0.5	51	0.09	0.019
3206797	Drill Core	2.38	4.0	91.7	3329.0	10289	13.2	133.4	27.7	1432	27.45	468	1.3	0.7	100	38.8	139.0	<0.5	45	0.09	0.034
3206798	Drill Core	1.19	5.2	49.3	6292.8	2713	14.3	156.4	69.4	377	18.75	467	2.1	0.9	105	9.7	146.4	<0.5	44	0.07	0.029
3206799	Drill Core	1.81	1.3	22.6	1001.5	529	2.3	50.3	11.2	3297	12.96	124	0.9	<0.5	98	1.6	49.2	<0.5	35	0.08	0.020
3206800	Rock	0.96	1.2	49.3	8.7	40	<0.5	4.2	9.2	418	2.67	<5	1.0	2.6	74	<0.5	<0.5	<0.5	96	0.86	0.061
3206801	Drill Core	1.66	1.1	41.6	1358.5	1871	5.4	81.0	16.2	1877	17.01	375	0.7	<0.5	90	6.6	81.4	<0.5	33	0.08	0.022
3206802	Drill Core	2.30	1.1	30.6	1045.2	1179	3.7	69.2	14.4	1455	17.03	435	0.7	<0.5	82	3.9	74.5	<0.5	27	0.07	0.024
3206803	Drill Core	1.47	1.8	64.0	3798.4	16667	14.1	117.5	49.3	222	18.14	599	0.8	0.7	130	65.1	134.8	<0.5	13	0.09	0.040
3206804	Drill Core	2.90	4.5	148.9	17702.2	61121	49.6	179.3	56.8	97	31.86	1097	1.1	<0.5	226	275.7	349.2	<0.5	11	0.11	0.057
3206805	Drill Core	2.52	2.3	149.8	>40000	64448	101.8	239.0	121.5	133	26.48	1106	0.6	<0.5	233	280.4	676.3	<0.5	18	0.11	0.054
3206806	Rock	0.86	1.1	46.8	14.3	50	<0.5	4.2	9.5	418	2.70	<5	0.9	2.7	78	<0.5	<0.5	<0.5	92	0.88	0.064
3206807	Drill Core	2.29	8.5	29.9	8416.4	1089	10.4	380.4	70.2	4479	17.84	540	0.9	0.7	324	4.0	120.0	<0.5	61	0.35	0.109
3206808	Drill Core	1.99	7.1	55.3	1304.5	161	2.1	535.5	86.3	7406	20.43	738	0.6	0.7	365	<0.5	135.4	<0.5	106	0.44	0.117
3206809	Drill Core	1.70	9.6	91.7	962.8	173	1.4	703.7	102.3	4630	12.92	912	0.6	0.7	662	<0.5	231.6	<0.5	85	0.43	0.157
3206810	Drill Core	1.92	9.6	101.3	27895.1	12250	31.7	395.1	73.3	3689	12.72	608	1.5	0.7	323	39.0	452.0	<0.5	63	0.25	0.079
3206811	Drill Core	2.83	3.3	124.6	4130.0	23938	22.5	518.2	94.6	95	33.95	961	0.5	0.5	341	113.7	275.4	<0.5	18	0.20	0.099
3206812	Drill Core	3.56	3.8	114.2	2159.6	27649	9.8	397.2	96.0	47	34.54	1117	0.7	<0.5	443	136.5	324.6	<0.5	11	0.25	0.120
3206813	Drill Core	3.09	4.7	142.4	6170.0	29226	23.3	482.7	128.0	74	30.13	977	0.8	<0.5	475	174.0	284.8	<0.5	15	0.24	0.122
3206814	Drill Core	1.30	4.7	63.8	16630.4	18927	20.3	380.3	79.3	1461	7.85	483	1.0	0.6	86	95.9	970.1	<0.5	32	0.08	0.025
3206815	Drill Core	1.79	2.9	95.7	17155.2	35996	23.8	324.1	92.3	2462	9.73	468	0.5	0.5	88	144.9	506.1	<0.5	35	0.11	0.029
3206816	Drill Core	1.37	2.4	121.6	7943.6	47232	16.8	425.7	91.3	2520	9.88	547	1.2	0.8	159	232.2	101.6	<0.5	53	0.16	0.061
3206817	Drill Core	1.89	0.7	8.4	483.8	439	1.2	88.8	16.9	15407	36.77	124	<0.5	0.6	231	1.2	44.5	<0.5	72	0.37	0.054
3206818	Drill Core	1.71	0.8	20.5	1032.9	2707	1.9	145.9	32.7	14448	36.88	182	<0.5	<0.5	283	8.5	152.1	<0.5	82	0.39	0.059
3206819	Drill Core	2.28	1.3	93.9	9115.8	32205	19.5	377.0	104.2	10010	30.28	588	0.6	<0.5	567	116.0	133.0	<0.5	135	0.42	0.107



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

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CERTIFICATE OF ANALYSIS

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	Method	Analyte	Unit	MDL	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF725	LF725	LF725	LF725	LF725			
					La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	SiO2	Al2O3	Fe2O3	CaO	MgO
					ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	%	%
					0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01	0.01	0.01	0.01
3206790	Drill Core																							
3206791	Drill Core																							
3206792	Drill Core																							
3206793	Drill Core																							
3206794	Drill Core																							
3206795	Drill Core																							
3206796	Drill Core																							
3206797	Drill Core																							
3206798	Drill Core																							
3206799	Drill Core																							
3206800	Rock																							
3206801	Drill Core																							
3206802	Drill Core																							
3206803	Drill Core																							
3206804	Drill Core																							
3206805	Drill Core																							
3206806	Rock																							
3206807	Drill Core																							
3206808	Drill Core																							
3206809	Drill Core																							
3206810	Drill Core																							
3206811	Drill Core																							
3206812	Drill Core																							
3206813	Drill Core																							
3206814	Drill Core																							
3206815	Drill Core																							
3206816	Drill Core																							
3206817	Drill Core																							
3206818	Drill Core																							
3206819	Drill Core																							



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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

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CERTIFICATE OF ANALYSIS

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Method	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC000	TC000	TC005	TC005	TC006	TC008	TC008	GC204
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	Ga
Unit	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm
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	1
3206790	Drill Core	1.32	0.26	0.40	0.09	<0.01	0.24	<0.01	0.01	<0.01	7.13	99.93	0.03	2.07	1.18	0.74	0.03	4.77	0.89	0.85
3206791	Drill Core	1.15	0.15	0.32	0.10	0.01	0.20	<0.01	0.01	<0.01	5.13	99.28	0.02	1.17	2.71	0.61	0.03	1.93	2.34	1.10
3206792	Drill Core	1.85	0.11	0.55	0.11	<0.01	0.36	<0.01	<0.01	<0.01	5.00	98.68	0.04	1.29	1.47	0.86	0.05	1.41	1.27	0.62
3206793	Drill Core	1.21	0.17	0.35	0.08	<0.01	0.25	<0.01	<0.01	<0.01	5.69	98.98	0.03	1.28	2.66	0.56	0.07	2.38	2.31	1.06
3206794	Drill Core	1.78	0.23	0.53	0.10	<0.01	0.35	<0.01	<0.01	<0.01	6.41	99.05	0.04	1.77	1.41	0.73	0.09	3.46	1.12	0.88
3206795	Drill Core	2.07	0.15	0.63	0.11	0.01	0.44	<0.01	0.01	<0.01	5.50	98.33	0.04	1.36	1.49	0.73	0.10	1.96	1.23	0.76
3206796	Drill Core	1.95	0.42	0.62	0.10	<0.01	0.43	<0.01	<0.01	<0.01	8.09	98.87	0.04	2.29	0.76	0.62	0.07	5.85	0.49	0.82
3206797	Drill Core	0.34	0.19	0.25	0.09	0.02	0.09	<0.01	0.32	1.03	22.53	99.75	0.02	1.73	28.34	1.12	0.03	2.13	27.34	3.01
3206798	Drill Core	0.53	0.06	0.43	0.10	0.02	0.13	<0.01	0.61	0.26	14.71	99.64	0.02	1.32	20.36	1.16	0.02	0.52	20.01	1.04
3206799	Drill Core	0.79	0.42	0.27	0.10	<0.01	0.17	<0.01	0.10	0.06	10.86	98.84	0.03	2.77	5.59	1.04	0.02	6.23	4.99	1.81
3206800	Rock	1.50	0.14	0.50	0.14	<0.01	0.06	<0.01	<0.01	<0.01	0.78	99.37	0.02	0.03	<0.02	<0.02	<0.02	<0.08	<0.05	0.21
3206801	Drill Core	0.53	0.24	0.21	0.08	<0.01	0.12	<0.01	0.13	0.18	13.09	98.82	0.01	1.79	13.82	0.77	0.02	3.63	13.21	1.84
3206802	Drill Core	0.53	0.19	0.20	0.08	<0.01	0.13	<0.01	0.10	0.12	13.26	99.45	0.02	1.54	14.80	0.76	<0.02	2.81	14.28	1.56
3206803	Drill Core	0.44	0.03	0.60	0.14	0.01	0.11	<0.01	0.35	1.58	14.07	98.01	<0.01	0.56	21.22	0.46	0.02	0.28	20.34	2.64
3206804	Drill Core	0.33	0.02	0.60	0.18	0.02	0.10	<0.01	1.78	6.23	26.14	99.83	0.01	0.37	40.33	0.34	<0.02	0.11	37.11	9.66
3206805	Drill Core	0.27	0.02	0.45	0.19	0.02	0.08	<0.01	8.91	6.38	21.67	98.72	0.01	0.26	34.60	0.21	<0.02	0.17	30.26	13.02
3206806	Rock	1.54	0.13	0.51	0.14	<0.01	0.06	<0.01	<0.01	<0.01	0.87	99.33	0.02	0.03	<0.02	<0.02	<0.02	<0.08	<0.05	0.16
3206807	Drill Core	0.73	0.56	1.67	0.48	0.07	0.23	<0.01	0.79	0.11	14.48	99.10	0.03	3.07	7.20	0.64	<0.02	8.88	6.07	3.37
3206808	Drill Core	0.91	0.95	2.27	0.59	0.10	0.28	<0.01	0.13	0.01	17.61	99.54	0.06	5.10	1.31	1.06	0.02	14.75	0.86	1.36
3206809	Drill Core	1.24	0.60	3.50	0.98	0.15	0.41	<0.01	0.09	0.01	12.01	98.46	0.08	2.96	1.32	0.95	0.03	7.24	0.98	1.02
3206810	Drill Core	1.05	0.48	2.03	0.57	0.08	0.35	<0.01	2.76	1.24	11.53	98.88	0.05	2.65	3.12	0.50	0.02	7.80	1.67	4.34
3206811	Drill Core	0.38	0.01	1.00	0.36	0.04	0.13	<0.01	0.40	2.33	26.51	99.10	<0.01	0.16	40.62	0.14	<0.02	<0.08	39.34	3.83
3206812	Drill Core	0.45	0.01	1.32	0.46	0.04	0.17	<0.01	0.21	2.76	27.17	99.33	0.02	0.16	40.92	0.14	<0.02	<0.08	39.49	4.28
3206813	Drill Core	0.66	0.01	1.60	0.39	0.04	0.25	<0.01	0.58	2.90	24.79	98.14	0.03	0.19	37.38	0.15	<0.02	0.10	35.82	4.67
3206814	Drill Core	0.71	0.18	2.28	0.14	0.05	0.23	<0.01	1.63	1.89	6.90	98.98	0.03	1.01	4.81	0.22	<0.02	2.84	3.44	4.13
3206815	Drill Core	0.44	0.33	1.74	0.19	0.04	0.16	<0.01	1.68	3.76	8.59	98.89	0.03	1.74	4.80	0.27	<0.02	5.32	2.47	6.98
3206816	Drill Core	0.51	0.31	1.75	0.18	0.05	0.16	<0.01	0.75	4.89	8.40	99.91	0.03	1.67	4.63	0.33	<0.02	4.88	2.20	7.28
3206817	Drill Core	0.04	1.87	0.43	0.15	0.02	<0.01	<0.01	0.05	0.05	29.03	100.38	0.02	8.98	3.35	1.08	<0.02	28.99	1.78	4.72
3206818	Drill Core	0.21	1.76	0.70	0.20	0.03	0.06	<0.01	0.10	0.28	28.92	100.36	0.02	8.92	3.80	1.93	<0.02	25.63	2.52	3.86
3206819	Drill Core	0.73	1.23	1.75	0.45	0.08	0.26	<0.01	0.88	3.26	24.42	99.03	0.05	6.54	7.10	1.13	<0.02	19.82	4.29	8.42



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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

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Method	GC204
Analyte	Ge
Unit	ppm
MDL	1
3206790	Drill Core
3206791	Drill Core
3206792	Drill Core
3206793	Drill Core
3206794	Drill Core
3206795	Drill Core
3206796	Drill Core
3206797	Drill Core
3206798	Drill Core
3206799	Drill Core
3206800	Rock
3206801	Drill Core
3206802	Drill Core
3206803	Drill Core
3206804	Drill Core
3206805	Drill Core
3206806	Rock
3206807	Drill Core
3206808	Drill Core
3206809	Drill Core
3206810	Drill Core
3206811	Drill Core
3206812	Drill Core
3206813	Drill Core
3206814	Drill Core
3206815	Drill Core
3206816	Drill Core
3206817	Drill Core
3206818	Drill Core
3206819	Drill Core

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9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

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Fireweed Zinc Ltd.

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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
3206820	Rock Pulp	0.03	2.8	317.7	>40000	105167	98.1	23.0	22.5	1312	7.55	144	1.4	6.1	15	340.3	178.8	<0.5	<10	3.80	0.043
3206821	Drill Core	2.23	1.6	349.5	5990.4	101866	14.1	461.7	127.4	4982	20.18	750	1.5	<0.5	363	449.9	156.4	<0.5	116	0.26	0.091
3206822	Drill Core	2.19	1.3	106.2	>40000	21912	59.0	292.7	119.3	6471	22.85	526	0.5	<0.5	266	66.3	184.4	<0.5	119	0.22	0.052
3206823	Drill Core	2.56	1.3	79.7	21371.3	14486	31.3	267.2	95.0	6885	24.67	493	0.5	<0.5	212	45.8	105.0	<0.5	117	0.22	0.039
3206824	Drill Core	2.36	1.2	188.3	>40000	52004	111.6	217.1	75.8	9354	28.48	394	<0.5	<0.5	463	173.9	210.1	<0.5	135	0.38	0.091
3206825	Drill Core	2.06	1.5	17.7	560.6	3789	1.2	265.9	46.8	11395	30.77	396	<0.5	<0.5	355	12.4	38.4	<0.5	129	0.37	0.064
3206826	Drill Core	2.05	1.3	8.7	250.2	463	0.6	290.8	50.5	7118	21.10	340	<0.5	<0.5	303	1.3	29.1	<0.5	90	0.31	0.055
3206827	Drill Core	1.92	1.3	8.7	521.5	1484	1.2	266.8	46.9	7380	21.88	297	<0.5	<0.5	303	3.5	26.6	<0.5	100	0.32	0.060
3206828	Drill Core	2.35	1.2	15.0	307.3	350	0.9	236.4	47.7	9949	28.89	347	<0.5	<0.5	368	0.8	29.1	<0.5	89	0.41	0.081
3206829	Drill Core	1.78	1.2	157.7	5319.5	86226	14.2	370.3	84.6	1001	9.76	504	<0.5	<0.5	367	223.2	154.2	<0.5	38	0.17	0.071
3206830	Drill Core	1.71	2.7	54.2	4005.3	17586	8.2	285.4	97.4	2724	14.19	515	<0.5	<0.5	237	44.8	93.4	<0.5	49	0.13	0.044
3206831	Drill Core	1.73	2.1	48.3	4102.1	4726	7.5	359.5	64.3	4227	14.85	420	<0.5	<0.5	322	12.1	64.9	<0.5	58	0.20	0.056
3206832	Drill Core	2.22	1.8	57.5	3702.5	3961	5.9	486.6	91.4	11162	30.33	637	<0.5	<0.5	284	8.6	92.9	<0.5	114	0.38	0.061
3206833	Drill Core	2.28	2.4	25.1	11289.1	672	15.5	348.6	105.3	11642	32.78	638	0.9	<0.5	417	1.2	58.3	<0.5	137	0.46	0.096
3206834	Drill Core	2.13	3.8	24.0	19119.5	1247	25.9	319.3	108.0	11353	31.50	577	<0.5	<0.5	425	2.6	74.0	<0.5	111	0.45	0.083
3206835	Drill Core	2.12	3.2	36.2	3190.3	1158	5.5	372.5	83.1	10541	30.60	566	3.9	<0.5	475	1.9	67.5	<0.5	131	0.49	0.168
3206836	Drill Core	1.78	3.4	18.1	473.5	1481	1.0	328.7	58.3	8312	26.11	375	0.9	<0.5	314	3.1	39.5	<0.5	113	0.33	0.056
3206837	Drill Core	1.76	3.1	20.5	1214.4	1739	2.4	65.3	16.1	3361	11.95	178	1.6	<0.5	746	3.8	32.4	<0.5	98	0.44	0.190
3206838	Drill Core	1.49	5.8	57.2	1055.3	8611	2.7	98.6	18.9	3822	11.41	94	2.0	0.6	396	17.5	30.7	<0.5	113	0.33	0.124
3206839	Drill Core	1.92	3.0	40.1	12013.9	7701	20.6	109.8	37.4	6009	23.55	299	1.2	<0.5	544	14.2	68.7	<0.5	103	0.37	0.134
3206840	Rock	0.86	1.0	56.5	14.1	44	<0.5	4.6	9.5	442	3.07	<5	0.9	2.8	105	<0.5	<0.5	<0.5	106	1.15	0.067
3206841	Drill Core	2.01	6.7	15.5	482.3	2501	1.6	61.0	15.9	5664	17.68	151	1.5	<0.5	65	5.0	34.0	<0.5	144	0.13	0.013
3206842	Drill Core	2.11	7.3	14.8	384.3	1641	1.4	57.1	12.3	5536	17.08	115	1.5	<0.5	83	3.5	27.1	<0.5	145	0.14	0.020
3206843	Drill Core	1.84	3.7	48.8	707.8	13321	2.5	68.7	8.9	4117	19.76	280	1.0	<0.5	162	31.7	59.2	<0.5	94	0.20	0.047
3206844	Drill Core	1.55	14.1	52.8	1660.3	8833	6.5	134.8	24.3	98	5.83	289	3.9	0.6	700	23.2	88.3	<0.5	58	0.50	0.248
3206845	Drill Core	1.44	2.3	140.1	23272.3	80464	58.7	111.8	30.1	1917	11.54	263	2.0	<0.5	921	200.8	176.8	<0.5	54	0.52	0.245
3206846	Drill Core	1.61	2.6	57.3	2484.1	27890	7.1	98.0	13.4	2545	8.38	139	2.5	0.7	951	63.3	82.1	<0.5	73	0.48	0.212
3206847	Drill Core	1.59	3.6	91.3	1089.2	24452	5.6	114.0	12.4	2821	8.28	114	6.7	0.7	1205	52.2	62.7	<0.5	123	0.97	0.483
3206848	Drill Core	0.85	3.2	130.0	779.9	29469	4.9	69.2	13.0	1904	6.40	111	3.2	0.6	1022	55.5	39.8	<0.5	80	0.75	0.345
3206849	Drill Core	1.61	2.4	137.8	6776.2	30604	17.6	126.3	21.7	2531	11.23	211	3.9	<0.5	1098	71.0	76.1	<0.5	80	0.77	0.343



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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

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Fireweed Zinc Ltd.

Suite 1020, 800 Pender Street

Vancouver British Columbia V5C 2V6 Canada

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	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
3206820	Rock Pulp	18.0	12.0	2.04	89	0.011	0.76	<0.01	0.48	<0.5	5.12	2.0	46.9	10.79	<5	<2	34.20	6.91	11.39	5.37	3.86
3206821	Drill Core	1.0	206.4	0.59	194	0.003	2.15	<0.01	0.06	<0.5	155.51	10.4	3.1	9.74	18	<2	22.48	9.80	30.33	0.41	1.03
3206822	Drill Core	1.2	222.7	0.70	183	0.011	1.73	<0.01	0.04	<0.5	29.89	12.7	2.3	5.76	7	<2	27.00	6.83	34.46	0.34	1.21
3206823	Drill Core	1.0	207.2	0.74	158	0.005	1.47	<0.01	0.03	<0.5	19.06	13.3	2.2	5.70	5	<2	27.60	6.81	37.38	0.35	1.30
3206824	Drill Core	1.7	172.4	0.87	157	0.006	1.26	<0.01	0.06	<0.5	75.12	15.4	1.8	6.94	9	<2	10.78	5.04	41.65	0.56	1.51
3206825	Drill Core	0.9	177.8	1.11	158	0.001	0.83	<0.01	0.08	<0.5	5.19	14.6	1.3	2.37	<5	<2	13.35	6.92	47.13	0.56	1.92
3206826	Drill Core	3.3	182.2	0.94	192	0.003	1.06	<0.01	0.07	<0.5	1.18	10.8	0.5	1.32	<5	<2	36.84	6.96	32.38	0.47	1.64
3206827	Drill Core	1.3	244.4	0.96	414	0.008	1.77	<0.01	0.04	<0.5	2.06	11.2	<0.5	0.63	5	<2	36.83	6.82	33.13	0.49	1.63
3206828	Drill Core	1.1	162.6	0.97	134	0.006	0.93	<0.01	0.05	<0.5	0.60	13.3	0.6	4.78	<5	<2	20.06	5.60	44.70	0.61	1.69
3206829	Drill Core	1.5	117.2	0.21	180	0.008	1.40	<0.01	0.05	<0.5	114.49	4.0	3.3	9.70	18	<2	52.96	6.26	14.09	0.27	0.40
3206830	Drill Core	1.0	110.8	0.31	144	0.005	0.97	<0.01	0.03	<0.5	23.15	6.8	2.4	5.93	<5	<2	55.43	5.70	20.95	0.21	0.61
3206831	Drill Core	1.6	130.2	0.55	242	0.004	1.07	<0.01	0.09	<0.5	6.50	7.7	1.4	2.85	<5	<2	52.45	6.89	21.92	0.31	0.94
3206832	Drill Core	1.4	284.2	1.05	175	0.006	1.61	<0.01	0.06	<0.5	4.44	15.4	0.8	1.91	6	<2	14.54	7.25	46.37	0.57	1.80
3206833	Drill Core	1.0	195.8	0.99	164	0.002	0.98	<0.01	0.06	<0.5	0.86	16.9	1.1	2.25	<5	<2	10.44	6.19	48.81	0.68	1.68
3206834	Drill Core	1.1	165.4	0.92	194	0.002	0.97	<0.01	0.07	<0.5	1.63	16.6	1.0	2.28	<5	<2	13.34	5.79	47.72	0.65	1.59
3206835	Drill Core	1.0	194.1	0.95	170	0.002	1.07	<0.01	0.06	<0.5	1.50	16.7	0.9	2.56	<5	<2	15.65	6.53	46.16	0.72	1.66
3206836	Drill Core	1.8	266.8	0.98	194	0.007	2.00	<0.01	0.07	<0.5	1.84	16.5	<0.5	1.46	7	<2	27.45	7.06	39.33	0.48	1.65
3206837	Drill Core	0.8	21.4	0.29	304	0.001	0.33	<0.01	0.08	<0.5	2.10	4.0	0.5	2.85	<5	<2	61.84	4.59	17.59	0.62	0.62
3206838	Drill Core	2.6	43.6	0.34	282	0.001	0.42	<0.01	0.09	<0.5	10.33	5.2	<0.5	1.45	<5	2	60.86	5.47	16.47	0.46	0.69
3206839	Drill Core	0.6	33.4	0.47	168	0.001	0.41	<0.01	0.06	<0.5	8.58	7.5	2.2	7.76	<5	<2	34.95	4.08	35.81	0.54	0.94
3206840	Rock	7.5	5.2	0.88	213	0.188	2.06	0.31	0.36	<0.5	<0.05	5.3	<0.5	<0.05	6	<2	60.59	16.96	6.34	6.19	2.89
3206841	Drill Core	0.6	11.6	0.42	163	<0.001	0.20	<0.01	0.08	<0.5	2.78	5.6	0.6	2.06	<5	<2	50.93	4.38	25.98	0.19	0.87
3206842	Drill Core	0.7	10.1	0.42	194	<0.001	0.23	<0.01	0.09	<0.5	1.86	5.1	0.6	1.68	<5	<2	51.43	4.48	25.15	0.20	0.86
3206843	Drill Core	0.5	17.0	0.39	96	<0.001	0.42	<0.01	0.04	<0.5	14.09	4.3	<0.5	9.26	<5	<2	47.96	2.72	29.53	0.28	0.84
3206844	Drill Core	1.8	22.3	0.03	270	0.002	0.51	<0.01	0.11	<0.5	11.37	1.4	2.7	6.41	<5	4	72.64	5.99	8.60	0.73	0.14
3206845	Drill Core	1.3	12.0	0.20	169	0.002	0.32	<0.01	0.06	<0.5	97.16	3.4	2.3	10.42	17	4	51.20	3.85	16.21	0.73	0.44
3206846	Drill Core	1.4	17.6	0.22	291	0.002	0.35	<0.01	0.11	<0.5	34.38	4.1	1.5	3.62	<5	3	64.84	5.17	12.35	0.68	0.51
3206847	Drill Core	1.8	43.5	0.23	381	0.003	0.83	<0.01	0.10	<0.5	32.60	6.1	0.6	2.49	<5	6	61.81	6.19	11.95	1.37	0.52
3206848	Drill Core	1.2	18.1	0.18	298	0.004	0.36	<0.01	0.12	<0.5	38.46	4.1	0.6	2.89	<5	6	68.19	5.31	9.19	1.06	0.40
3206849	Drill Core	0.9	18.4	0.23	216	0.002	0.29	<0.01	0.08	<0.5	36.53	4.8	1.1	6.31	<5	6	58.37	4.64	15.92	1.04	0.51



Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: Fireweed Zinc Ltd.
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Vancouver British Columbia V5C 2V6 Canada

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Method	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC000	TC000	TC005	TC005	TC006	TC008	TC008	GC204
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	Ga
Unit	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm
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	1
3206820	Rock Pulp	3.50	0.17	0.20	0.09	0.01	0.07	0.02	4.79	10.73	14.87	99.40	<0.01	2.49	11.28	0.73	<0.02	6.46	6.77	13.52
3206821	Drill Core	0.79	0.62	2.08	0.44	0.09	0.27	0.03	0.58	10.38	16.84	98.98	0.06	3.39	10.34	0.74	<0.02	9.65	4.69	16.97
3206822	Drill Core	0.42	0.79	1.57	0.39	0.07	0.18	<0.01	4.10	2.07	17.70	98.02	0.04	4.36	6.33	0.58	<0.02	13.81	3.77	7.68
3206823	Drill Core	0.46	0.85	1.60	0.32	0.06	0.17	<0.01	2.10	1.44	18.76	99.86	0.04	4.78	6.16	0.80	<0.02	14.54	4.30	5.56
3206824	Drill Core	0.40	1.13	1.04	0.34	0.05	0.11	0.01	7.31	5.21	22.53	99.65	0.04	6.07	7.21	1.19	<0.02	17.88	3.00	12.61
3206825	Drill Core	0.77	1.41	1.48	0.39	0.06	0.23	<0.01	0.04	0.38	24.83	99.74	0.05	7.57	2.68	1.02	<0.02	23.95	1.78	2.69
3206826	Drill Core	0.67	0.93	1.73	0.43	0.08	0.17	<0.01	0.03	0.05	17.25	99.76	0.04	5.08	1.52	0.72	<0.02	15.95	1.03	1.48
3206827	Drill Core	0.42	0.94	1.62	0.40	0.07	0.16	<0.01	0.05	0.15	16.71	99.58	0.05	4.99	0.80	0.66	<0.02	15.79	0.39	1.23
3206828	Drill Core	0.54	1.26	1.29	0.37	0.06	0.15	<0.01	0.04	0.03	23.17	99.73	0.04	6.38	5.45	1.14	<0.02	19.18	3.80	4.95
3206829	Drill Core	0.54	0.14	1.64	0.42	0.05	0.17	0.01	0.48	9.04	8.64	97.59	0.02	0.73	10.27	0.18	<0.02	1.98	5.92	13.05
3206830	Drill Core	0.47	0.37	1.48	0.48	0.06	0.22	<0.01	0.38	1.77	10.84	99.57	0.03	2.06	6.49	0.49	<0.02	5.72	5.24	3.74
3206831	Drill Core	0.75	0.54	1.72	0.43	0.06	0.23	<0.01	0.42	0.47	11.64	99.06	0.03	2.86	3.19	0.39	<0.02	9.03	2.36	2.49
3206832	Drill Core	0.63	1.41	1.77	0.30	0.09	0.17	<0.01	0.38	0.41	23.50	99.44	0.04	7.05	2.09	0.77	<0.02	23.00	1.20	2.67
3206833	Drill Core	0.62	1.46	1.43	0.42	0.06	0.18	<0.01	1.11	0.07	25.59	98.99	0.05	7.67	2.46	0.68	<0.02	25.60	1.48	2.94
3206834	Drill Core	0.62	1.39	1.16	0.34	0.05	0.16	<0.01	1.90	0.12	24.65	99.80	0.04	7.45	2.52	0.56	<0.02	25.28	1.49	3.11
3206835	Drill Core	0.60	1.35	1.34	0.54	0.06	0.16	<0.01	0.31	0.12	24.77	100.14	0.05	7.23	2.82	1.10	<0.02	22.46	1.90	2.78
3206836	Drill Core	0.52	1.05	1.60	0.34	0.07	0.15	<0.01	0.05	0.15	19.42	99.49	0.04	5.74	1.69	0.69	<0.02	18.51	1.04	1.96
3206837	Drill Core	0.75	0.43	0.32	0.61	0.01	0.17	<0.01	0.11	0.18	11.29	99.26	0.05	3.90	3.24	1.99	0.02	6.92	2.62	1.84
3206838	Drill Core	0.88	0.49	0.67	0.33	0.03	0.20	<0.01	0.11	0.84	11.06	98.92	0.08	4.09	1.68	1.97	0.02	7.70	0.96	2.15
3206839	Drill Core	0.57	0.77	0.37	0.46	0.01	0.14	<0.01	1.19	0.78	19.55	100.55	0.05	5.29	8.37	1.63	<0.02	13.37	6.83	4.60
3206840	Rock	1.51	0.13	0.55	0.14	<0.01	0.06	<0.01	<0.01	<0.01	0.94	99.63	0.03	0.05	0.02	0.04	<0.02	<0.08	<0.05	0.12
3206841	Drill Core	0.81	0.72	0.24	0.06	0.01	0.16	<0.01	0.05	0.24	15.15	99.95	0.07	5.26	2.35	1.61	0.05	13.20	1.75	1.80
3206842	Drill Core	0.85	0.69	0.26	0.08	<0.01	0.16	<0.01	0.04	0.16	14.86	99.35	0.07	5.20	1.88	1.67	0.06	12.71	1.35	1.62
3206843	Drill Core	0.37	0.53	0.16	0.16	0.01	0.08	<0.01	0.07	1.34	16.00	100.47	0.04	3.71	10.05	1.07	0.03	9.57	8.41	4.93
3206844	Drill Core	1.12	0.03	0.35	0.60	0.02	0.23	<0.01	0.16	0.88	7.83	99.68	0.07	2.72	7.03	2.63	0.08	<0.08	6.59	1.32
3206845	Drill Core	0.65	0.26	0.22	0.62	<0.01	0.14	0.01	2.22	8.07	11.99	98.87	0.04	3.01	11.06	1.93	0.04	3.78	6.49	13.71
3206846	Drill Core	0.96	0.35	0.27	0.66	0.01	0.22	<0.01	0.23	2.94	9.58	99.64	0.05	3.53	4.04	2.15	0.05	4.90	2.37	5.01
3206847	Drill Core	0.92	0.36	0.34	1.21	0.01	0.21	<0.01	0.11	2.38	10.65	98.73	0.06	3.88	2.82	2.45	0.04	5.11	1.53	3.87
3206848	Drill Core	1.03	0.26	0.33	0.83	0.01	0.22	<0.01	0.08	3.04	8.63	99.46	0.06	3.59	3.24	2.54	0.03	3.73	1.65	4.77
3206849	Drill Core	0.87	0.34	0.26	0.81	0.02	0.19	<0.01	0.64	3.07	11.31	98.94	0.05	3.26	6.97	1.90	0.04	4.85	4.97	5.98



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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

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Method	GC204
Analyte	Ge
Unit	ppm
MDL	1
3206820	Rock Pulp
3206821	Drill Core
3206822	Drill Core
3206823	Drill Core
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3206839	Drill Core
3206840	Rock
3206841	Drill Core
3206842	Drill Core
3206843	Drill Core
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3206845	Drill Core
3206846	Drill Core
3206847	Drill Core
3206848	Drill Core
3206849	Drill Core



Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

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CERTIFICATE OF ANALYSIS

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	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
3206850	Drill Core	1.36	3.9	33.4	1505.1	1377	4.1	91.8	11.9	3596	10.94	107	5.6	<0.5	1084	2.9	35.7	<0.5	122	0.82	0.378
3206851	Drill Core	2.77	13.2	41.1	1384.5	2315	4.0	131.4	18.5	3219	14.62	270	6.0	<0.5	646	3.3	71.0	<0.5	138	0.44	0.209
3206852	Drill Core	1.10	4.0	137.5	21421.3	9267	38.0	139.0	19.6	3236	13.44	215	5.2	0.5	1010	26.2	104.9	<0.5	113	0.72	0.333
3206853	Drill Core	1.34	8.0	25.4	518.3	398	2.2	71.4	10.0	7113	20.23	60	4.0	0.7	650	0.6	26.4	<0.5	119	0.53	0.177
3206854	Drill Core	2.03	8.8	34.7	832.9	500	2.8	90.3	13.5	4641	15.26	110	4.6	0.9	707	1.0	32.8	<0.5	104	0.73	0.272
3206855	Drill Core	2.27	15.8	80.1	604.6	845	3.7	134.7	16.7	1233	7.03	97	7.8	1.8	415	1.3	50.2	<0.5	85	0.58	0.258
3206856	Drill Core	1.69	30.0	75.0	177.2	2392	2.2	137.8	16.7	1291	6.83	134	9.7	2.0	352	5.3	56.4	<0.5	113	0.62	0.293
3206857	Drill Core	1.64	20.8	23.9	103.4	459	0.9	88.9	13.8	3730	12.39	94	4.5	1.7	147	1.0	38.4	<0.5	98	0.33	0.112
3206858	Drill Core	1.99	18.8	28.1	63.9	513	1.2	70.3	10.8	3348	10.53	54	7.3	1.7	413	1.0	30.8	<0.5	119	0.94	0.399
3206859	Drill Core	1.82	1.0	16.2	60.3	1241	<0.5	43.2	9.1	3298	9.74	49	1.2	0.9	80	2.8	19.5	<0.5	35	0.24	0.075
3206860	Rock Pulp	0.03	2.6	251.4	17830.6	29332	36.5	26.1	20.5	1865	5.42	88	1.6	7.3	23	99.9	48.6	0.6	10	5.17	0.055
3206861	Drill Core	2.28	1.8	58.6	57.3	8249	0.6	48.1	11.4	10728	26.08	31	1.8	0.7	100	19.8	13.7	<0.5	141	0.49	0.114
3206862	Drill Core	2.09	1.3	111.6	64.0	17262	0.9	52.8	12.6	10014	26.60	56	1.8	0.8	116	42.5	18.7	<0.5	143	0.50	0.114
3206863	Drill Core	2.32	1.6	37.2	74.6	685	0.8	46.1	10.6	10516	28.96	68	2.1	0.9	146	1.8	20.5	<0.5	111	0.63	0.157
3206864	Drill Core	1.79	8.8	53.8	109.5	469	1.4	104.1	14.9	2946	10.20	63	4.8	2.5	131	1.0	31.0	<0.5	59	0.45	0.159
3206865	Drill Core	1.59	16.8	132.4	235.2	57	3.9	159.4	20.0	44	3.35	65	11.1	2.7	398	<0.5	77.1	<0.5	44	1.13	0.506
3206866	Drill Core	1.61	5.4	140.7	239.4	56	4.7	125.4	13.4	35	2.36	42	6.5	3.1	291	<0.5	77.1	<0.5	34	0.99	0.448
3206867	Drill Core	2.18	5.4	128.2	182.0	56	4.0	135.9	13.5	37	1.96	39	5.8	2.5	242	<0.5	75.4	<0.5	32	0.83	0.394
3206868	Drill Core	1.76	2.6	60.4	192.4	119	2.1	111.3	11.4	3930	13.79	46	2.7	1.3	144	<0.5	36.5	<0.5	75	0.52	0.188
3206869	Drill Core	1.98	8.3	216.3	299.7	174	6.2	174.6	17.2	921	5.37	62	5.8	2.4	237	<0.5	129.9	<0.5	60	0.70	0.348
3206870	Drill Core	2.26	1.6	34.5	89.5	79	0.6	27.5	13.2	11217	31.54	30	0.6	<0.5	28	<0.5	17.7	<0.5	79	0.37	0.025
3206871	Drill Core	1.98	20.9	65.4	208.5	86	1.6	133.5	15.7	2893	11.81	107	7.1	1.8	103	<0.5	45.6	<0.5	103	0.39	0.124
3206872	Drill Core	1.58	4.3	81.3	158.6	33	2.0	164.6	16.0	573	4.15	70	9.5	3.3	565	<0.5	40.7	<0.5	59	1.68	0.765
3206873	Drill Core	1.71	4.0	122.1	210.9	75	2.7	162.9	12.6	1086	9.08	123	8.2	1.8	547	<0.5	62.3	<0.5	72	1.67	0.798
3206874	Drill Core	1.70	2.9	63.0	139.8	57	1.9	131.7	13.7	2862	8.82	49	3.6	2.4	234	<0.5	42.3	<0.5	62	0.81	0.365
3206875	Drill Core	2.10	3.4	96.5	148.1	35	2.6	115.2	16.4	977	3.95	50	4.3	3.1	194	<0.5	76.8	<0.5	43	0.64	0.300
3206876	Drill Core	1.90	2.1	64.2	95.4	48	1.5	97.9	12.7	7049	16.76	55	2.0	1.6	100	<0.5	54.1	<0.5	63	0.49	0.150
3206877	Drill Core	2.25	2.5	43.3	71.1	56	1.2	63.0	15.6	4379	10.55	32	1.3	1.5	38	<0.5	33.7	<0.5	23	0.17	0.046
3206878	Drill Core	1.41	3.1	33.2	71.0	46	1.1	63.9	14.5	1304	5.73	36	1.1	1.8	41	<0.5	24.1	<0.5	14	0.14	0.040



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

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	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
3206850	Drill Core	1.1	31.5	0.32	300	0.003	0.49	<0.01	0.12	<0.5	1.64	5.4	0.7	2.12	<5	6	61.50	5.57	16.04	1.16	0.68
3206851	Drill Core	0.8	30.7	0.28	297	0.002	0.62	<0.01	0.09	<0.5	2.23	4.4	2.3	6.22	<5	3	53.65	5.10	21.10	0.62	0.61
3206852	Drill Core	1.0	29.7	0.29	794	0.002	0.62	<0.01	0.10	<0.5	11.08	5.4	1.2	4.82	<5	9	52.70	5.79	19.48	1.00	0.63
3206853	Drill Core	1.3	21.0	0.64	221	0.001	0.35	<0.01	0.10	<0.5	0.61	5.6	<0.5	1.30	<5	2	37.92	6.87	29.99	0.76	1.15
3206854	Drill Core	1.5	22.4	0.45	285	0.002	0.42	<0.01	0.13	<0.5	0.98	5.9	1.1	2.36	<5	4	48.49	8.13	22.16	1.00	0.97
3206855	Drill Core	3.1	17.0	0.15	1102	0.002	0.49	<0.01	0.14	<0.5	1.20	3.7	0.9	3.03	<5	8	56.61	12.74	10.56	0.86	0.43
3206856	Drill Core	3.1	19.7	0.17	454	0.002	0.57	<0.01	0.20	<0.5	3.09	3.9	1.3	3.96	<5	9	60.91	11.65	10.17	0.88	0.51
3206857	Drill Core	3.2	18.0	0.48	349	0.001	0.36	<0.01	0.14	<0.5	1.01	5.2	1.0	2.76	<5	2	54.65	9.24	18.21	0.47	1.08
3206858	Drill Core	2.6	22.5	0.39	452	0.003	0.54	<0.01	0.18	<0.5	0.88	5.1	0.7	2.03	<5	5	53.91	9.89	15.38	1.30	0.88
3206859	Drill Core	1.9	11.2	0.47	544	0.002	0.30	<0.01	0.11	<0.5	1.53	3.8	<0.5	1.79	<5	<2	65.02	6.95	14.59	0.34	1.03
3206860	Rock Pulp	25.9	13.8	2.84	151	0.018	1.04	0.01	0.76	0.9	1.31	4.1	28.3	4.67	<5	<2	43.37	8.63	8.19	7.32	5.31
3206861	Drill Core	1.1	21.2	1.55	218	0.001	0.30	<0.01	0.10	<0.5	9.13	13.5	<0.5	2.07	<5	3	25.01	4.46	39.87	0.70	2.69
3206862	Drill Core	1.2	22.6	1.53	211	0.001	0.34	<0.01	0.09	<0.5	19.99	15.2	0.8	4.01	<5	6	23.94	4.28	39.69	0.69	2.61
3206863	Drill Core	1.0	25.8	1.22	199	0.002	0.31	<0.01	0.10	<0.5	0.96	13.8	<0.5	4.68	<5	2	20.84	4.98	43.62	0.91	2.21
3206864	Drill Core	3.5	17.7	0.42	363	0.002	0.67	<0.01	0.17	<0.5	0.67	4.7	<0.5	2.93	<5	4	50.90	13.87	15.21	0.65	1.05
3206865	Drill Core	3.9	22.5	0.11	544	0.004	0.89	<0.01	0.24	<0.5	0.67	2.5	0.5	3.44	<5	11	60.11	15.96	5.73	1.65	0.53
3206866	Drill Core	4.7	28.2	0.13	540	0.003	0.93	<0.01	0.28	<0.5	0.75	3.4	<0.5	2.16	<5	8	60.37	16.89	4.12	1.43	0.60
3206867	Drill Core	3.9	28.7	0.17	432	0.003	0.90	<0.01	0.20	<0.5	0.63	3.2	<0.5	1.53	<5	7	60.39	16.84	3.54	1.21	0.66
3206868	Drill Core	2.2	50.5	1.23	337	0.002	1.41	<0.01	0.17	<0.5	0.65	14.1	<0.5	2.93	<5	10	46.15	10.98	21.01	0.75	2.31
3206869	Drill Core	3.8	42.7	0.36	447	0.003	0.99	<0.01	0.23	<0.5	0.91	4.3	0.7	2.62	<5	12	56.98	15.80	8.38	1.01	0.94
3206870	Drill Core	<0.5	17.7	1.60	150	<0.001	0.21	<0.01	0.07	<0.5	0.21	7.5	<0.5	2.50	<5	<2	19.02	2.62	47.49	0.54	2.77
3206871	Drill Core	2.9	21.1	0.79	302	0.002	0.78	<0.01	0.16	<0.5	0.67	8.0	0.6	4.40	<5	6	48.64	11.52	17.58	0.56	1.56
3206872	Drill Core	3.9	30.3	0.34	632	0.006	1.07	<0.01	0.32	<0.5	0.62	5.0	0.6	2.86	<5	8	58.48	14.41	6.48	2.44	0.90
3206873	Drill Core	2.4	38.7	0.56	458	0.005	1.23	<0.01	0.21	<0.5	0.79	6.6	0.5	7.10	<5	21	52.54	11.61	13.73	2.35	1.18
3206874	Drill Core	3.3	41.1	0.78	405	0.003	0.90	<0.01	0.22	<0.5	0.54	9.0	<0.5	2.09	<5	7	52.02	13.32	13.32	1.15	1.60
3206875	Drill Core	3.9	29.0	0.24	414	0.003	0.64	<0.01	0.23	<0.5	0.63	3.1	<0.5	1.82	<5	7	60.12	16.24	6.36	0.93	0.75
3206876	Drill Core	1.6	35.4	1.43	421	0.002	0.42	<0.01	0.18	<0.5	0.55	7.0	<0.5	2.32	<5	7	38.80	10.36	24.75	0.70	2.60
3206877	Drill Core	1.7	18.8	1.26	321	<0.001	0.46	<0.01	0.18	<0.5	0.64	4.9	<0.5	1.71	<5	3	49.28	13.97	15.81	0.24	2.37
3206878	Drill Core	2.2	15.6	0.65	365	0.002	0.83	<0.01	0.20	<0.5	0.50	4.2	<0.5	3.02	<5	2	61.31	15.27	8.88	0.22	1.42



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

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CERTIFICATE OF ANALYSIS

WHI19000557.2

Method	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC000	TC000	TC005	TC005	TC006	TC008	TC008	GC204
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	Ga
Unit	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm
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	1
3206850	Drill Core	1.06	0.47	0.29	0.90	0.01	0.21	<0.01	0.15	0.14	11.42	99.74	0.07	4.33	2.39	2.52	0.04	6.46	1.84	1.66
3206851	Drill Core	0.87	0.42	0.25	0.52	0.02	0.18	<0.01	0.14	0.23	14.67	98.50	0.10	4.58	6.92	2.71	0.08	6.59	6.13	2.37
3206852	Drill Core	0.98	0.42	0.28	0.82	0.02	0.27	<0.01	2.09	0.91	13.99	99.89	0.06	4.70	5.58	2.77	0.03	6.97	4.23	4.03
3206853	Drill Core	1.33	0.89	0.37	0.44	0.01	0.22	<0.01	0.05	0.04	18.87	99.07	0.06	6.88	1.51	2.84	0.08	14.56	1.14	1.12
3206854	Drill Core	1.53	0.58	0.44	0.72	0.01	0.29	<0.01	0.07	0.05	15.01	99.65	0.06	5.28	2.63	2.91	0.05	8.54	2.13	1.50
3206855	Drill Core	2.43	0.17	0.64	0.67	0.02	1.84	<0.01	0.06	0.08	11.68	99.17	0.13	4.68	3.71	3.96	0.10	2.31	3.09	1.85
3206856	Drill Core	2.44	0.18	0.59	0.65	0.02	0.51	<0.01	<0.01	0.24	10.91	99.92	0.13	4.44	4.32	3.81	0.07	2.06	3.93	1.18
3206857	Drill Core	1.97	0.50	0.46	0.29	0.02	0.45	<0.01	0.01	0.04	12.55	100.12	0.06	3.98	3.16	2.08	0.02	6.86	2.74	1.26
3206858	Drill Core	2.08	0.43	0.52	0.93	0.02	0.45	<0.01	<0.01	0.05	12.84	98.87	0.09	5.15	2.28	3.68	0.08	5.10	1.92	1.09
3206859	Drill Core	1.42	0.42	0.34	0.19	<0.01	0.39	<0.01	<0.01	0.12	9.49	100.50	0.02	2.61	2.04	0.77	<0.02	6.70	1.59	1.34
3206860	Rock Pulp	4.14	0.25	0.28	0.13	<0.01	0.07	0.02	1.79	3.06	13.03	96.70	<0.01	3.23	5.26	0.62	<0.02	9.61	2.85	7.24
3206861	Drill Core	0.86	1.35	0.20	0.26	<0.01	0.19	<0.01	<0.01	0.85	23.47	100.20	0.05	7.74	2.41	1.70	<0.02	22.08	1.28	3.38
3206862	Drill Core	0.82	1.28	0.20	0.28	<0.01	0.17	<0.01	<0.01	1.75	23.56	99.79	0.05	7.26	4.40	1.42	<0.02	21.36	2.48	5.77
3206863	Drill Core	1.01	1.36	0.23	0.37	0.01	0.21	<0.01	<0.01	0.08	24.82	100.75	0.04	7.81	5.06	3.54	<0.02	15.61	3.53	4.57
3206864	Drill Core	2.95	0.40	0.68	0.39	0.01	0.63	<0.01	<0.01	0.05	12.57	99.60	0.06	4.35	3.16	3.47	0.09	2.89	2.78	1.15
3206865	Drill Core	3.40	0.03	0.81	1.27	0.02	0.70	<0.01	0.02	<0.01	9.34	99.84	0.08	4.22	3.80	3.96	0.25	<0.08	3.73	0.19
3206866	Drill Core	3.59	0.03	0.88	1.08	0.03	0.67	<0.01	0.02	<0.01	9.30	99.31	0.07	5.13	2.38	4.83	0.29	<0.08	2.33	0.13
3206867	Drill Core	3.56	0.02	0.90	0.93	0.03	0.68	<0.01	0.01	<0.01	9.10	98.14	0.07	5.14	1.80	4.85	0.28	<0.08	1.75	0.13
3206868	Drill Core	2.00	0.52	0.58	0.46	0.01	0.36	<0.01	<0.01	0.01	14.11	99.41	0.04	4.70	3.28	2.71	0.04	7.15	2.70	1.75
3206869	Drill Core	3.33	0.13	0.84	0.76	0.03	0.60	0.01	0.01	0.02	10.68	99.75	0.10	5.28	2.84	4.92	0.14	0.78	2.65	0.59
3206870	Drill Core	0.51	1.40	0.10	0.07	<0.01	0.09	<0.01	<0.01	<0.01	25.69	100.40	0.02	8.18	2.71	1.69	<0.02	23.80	1.73	2.95
3206871	Drill Core	2.42	0.40	0.59	0.31	<0.01	0.45	<0.01	0.02	<0.01	14.33	98.58	0.11	5.05	4.91	3.60	0.10	4.95	4.30	1.82
3206872	Drill Core	3.11	0.09	0.73	1.87	0.02	0.56	<0.01	<0.01	<0.01	9.74	99.04	0.08	4.70	3.22	4.38	0.18	0.50	3.02	0.62
3206873	Drill Core	2.29	0.15	0.54	1.79	0.02	0.41	<0.01	0.01	<0.01	12.16	98.95	0.07	4.39	7.26	4.07	0.06	0.94	6.82	1.32
3206874	Drill Core	2.84	0.39	0.69	0.78	0.03	0.51	<0.01	<0.01	<0.01	12.35	99.17	0.05	5.18	2.36	4.30	0.11	2.83	2.09	0.83
3206875	Drill Core	3.54	0.14	0.82	0.68	0.03	0.71	<0.01	<0.01	<0.01	8.64	99.23	0.05	3.70	2.03	3.29	0.13	1.01	1.83	0.60
3206876	Drill Core	2.29	0.91	0.52	0.35	0.02	0.47	<0.01	<0.01	<0.01	17.90	99.83	0.04	6.27	2.55	3.51	0.09	9.78	2.12	1.28
3206877	Drill Core	3.04	0.57	0.74	0.12	0.01	0.68	<0.01	<0.01	<0.01	12.56	99.61	0.03	3.64	1.77	1.61	0.06	7.25	1.47	0.89
3206878	Drill Core	3.19	0.18	0.78	0.11	0.01	0.73	<0.01	<0.01	<0.01	7.24	99.59	0.03	1.24	3.37	0.72	0.03	1.79	3.05	0.94



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Project: MacMillan Pass

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	GC204 Ge ppm 1
3206850	Drill Core	
3206851	Drill Core	
3206852	Drill Core	
3206853	Drill Core	
3206854	Drill Core	
3206855	Drill Core	
3206856	Drill Core	
3206857	Drill Core	
3206858	Drill Core	
3206859	Drill Core	
3206860	Rock Pulp	
3206861	Drill Core	
3206862	Drill Core	
3206863	Drill Core	
3206864	Drill Core	
3206865	Drill Core	
3206866	Drill Core	
3206867	Drill Core	
3206868	Drill Core	
3206869	Drill Core	
3206870	Drill Core	
3206871	Drill Core	
3206872	Drill Core	
3206873	Drill Core	
3206874	Drill Core	
3206875	Drill Core	
3206876	Drill Core	
3206877	Drill Core	
3206878	Drill Core	



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PHONE (604) 253-3158

Client:

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Suite 1020, 800 Pender Street

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Project:

MacMillan Pass

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QUALITY CONTROL REPORT

WHI19000557.2

	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
3206822	Drill Core	2.19	1.3	106.2	>40000	21912	59.0	292.7	119.3	6471	22.85	526	0.5	<0.5	266	66.3	184.4	<0.5	119	0.22	0.052
3206858	Drill Core	1.99	18.8	28.1	63.9	513	1.2	70.3	10.8	3348	10.53	54	7.3	1.7	413	1.0	30.8	<0.5	119	0.94	0.399
Pulp Duplicates																					
3206767	Drill Core	1.40	79.3	83.0	343.4	71	2.5	232.4	16.1	34	13.11	228	18.1	0.5	82	<0.5	86.4	<0.5	174	0.10	0.042
REP 3206767	QC		77.6	84.1	337.1	69	2.3	224.0	15.9	34	13.12	218	17.6	<0.5	80	<0.5	88.8	<0.5	173	0.09	0.042
3206769	Drill Core	1.69	11.2	66.4	61.3	76	1.1	101.2	30.9	1438	9.00	70	0.9	<0.5	190	<0.5	32.0	<0.5	64	0.10	0.038
REP 3206769	QC																				
3206777	Drill Core	1.57	3.3	61.0	41.2	32	0.8	52.8	10.1	1761	6.16	19	<0.5	0.7	110	<0.5	31.2	<0.5	44	0.13	0.019
REP 3206777	QC																				
3206779	Drill Core	1.24	4.6	59.7	59.0	17	1.0	54.6	10.0	248	2.78	27	<0.5	0.6	89	<0.5	46.7	<0.5	18	0.05	0.020
REP 3206779	QC																				
3206786	Drill Core	1.93	3.3	50.1	47.2	16	0.6	50.0	8.7	120	2.06	24	<0.5	0.5	124	<0.5	34.7	<0.5	12	0.05	0.024
REP 3206786	QC																				
3206792	Drill Core	2.16	3.5	52.1	72.6	32	1.1	52.8	10.3	872	4.10	34	<0.5	0.7	90	<0.5	49.6	<0.5	30	0.08	0.029
REP 3206792	QC																				
3206801	Drill Core	1.66	1.1	41.6	1358.5	1871	5.4	81.0	16.2	1877	17.01	375	0.7	<0.5	90	6.6	81.4	<0.5	33	0.08	0.022
REP 3206801	QC		1.1	40.2	1348.9	1876	5.6	79.7	16.3	1823	17.10	371	0.8	<0.5	94	7.0	82.4	<0.5	33	0.08	0.026
3206802	Drill Core	2.30	1.1	30.6	1045.2	1179	3.7	69.2	14.4	1455	17.03	435	0.7	<0.5	82	3.9	74.5	<0.5	27	0.07	0.024
REP 3206802	QC																				
3206810	Drill Core	1.92	9.6	101.3	27895.1	12250	31.7	395.1	73.3	3689	12.72	608	1.5	0.7	323	39.0	452.0	<0.5	63	0.25	0.079
REP 3206810	QC																				
3206813	Drill Core	3.09	4.7	142.4	6170.0	29226	23.3	482.7	128.0	74	30.13	977	0.8	<0.5	475	174.0	284.8	<0.5	15	0.24	0.122
REP 3206813	QC																				
3206820	Rock Pulp	0.03	2.8	317.7	>40000	105167	98.1	23.0	22.5	1312	7.55	144	1.4	6.1	15	340.3	178.8	<0.5	<10	3.80	0.043
REP 3206820	QC																				
3206821	Drill Core	2.23	1.6	349.5	5990.4	101866	14.1	461.7	127.4	4982	20.18	750	1.5	<0.5	363	449.9	156.4	<0.5	116	0.26	0.091
REP 3206821	QC																				
3206827	Drill Core	1.92	1.3	8.7	521.5	1484	1.2	266.8	46.9	7380	21.88	297	<0.5	<0.5	303	3.5	26.6	<0.5	100	0.32	0.060
REP 3206827	QC																				



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QUALITY CONTROL REPORT

WHI19000557.2

	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
3206822	Drill Core	1.2	222.7	0.70	183	0.011	1.73	<0.01	0.04	<0.5	29.89	12.7	2.3	5.76	7	<2	27.00	6.83	34.46	0.34	1.21
3206858	Drill Core	2.6	22.5	0.39	452	0.003	0.54	<0.01	0.18	<0.5	0.88	5.1	0.7	2.03	<5	5	53.91	9.89	15.38	1.30	0.88
Pulp Duplicates																					
3206767	Drill Core	1.1	14.1	<0.01	160	0.001	0.24	<0.01	0.11	<0.5	0.97	1.2	2.5	14.96	<5	6	57.12	4.02	19.08	0.14	0.10
REP 3206767	QC	1.0	14.4	<0.01	153	0.001	0.24	<0.01	0.10	<0.5	1.16	1.3	2.6	15.02	<5	5					
3206769	Drill Core	<0.5	41.5	0.41	147	<0.001	1.36	<0.01	0.08	<0.5	0.42	7.0	0.6	4.55	<5	5	61.58	12.40	13.08	0.16	0.73
REP 3206769	QC																				
3206777	Drill Core	0.8	15.7	0.42	187	0.001	0.42	<0.01	0.13	<0.5	0.29	5.6	0.7	1.31	<5	<2	69.79	9.80	9.11	0.20	0.84
REP 3206777	QC																69.75	9.78	9.22	0.19	0.84
3206779	Drill Core	0.9	8.6	0.10	180	<0.001	0.38	<0.01	0.13	<0.5	0.51	1.4	0.8	1.97	<5	<2	76.87	10.28	4.22	0.09	0.30
REP 3206779	QC																				
3206786	Drill Core	0.9	7.7	0.07	234	<0.001	0.43	<0.01	0.12	<0.5	0.35	1.5	0.7	1.52	<5	<2	80.43	9.40	3.15	0.09	0.22
REP 3206786	QC																80.43	9.39	3.15	0.09	0.23
3206792	Drill Core	1.1	12.9	0.22	245	<0.001	0.67	<0.01	0.13	<0.5	0.42	3.7	0.7	1.46	<5	<2	73.03	10.87	5.97	0.14	0.49
REP 3206792	QC																				
3206801	Drill Core	<0.5	18.6	0.24	132	<0.001	0.55	<0.01	0.06	<0.5	3.68	3.2	1.6	13.28	<5	<2	54.52	3.94	25.05	0.14	0.46
REP 3206801	QC	<0.5	18.5	0.25	134	<0.001	0.55	<0.01	0.06	<0.5	3.75	3.1	1.7	13.47	<5	<2					
3206802	Drill Core	<0.5	18.2	0.20	112	<0.001	0.45	<0.01	0.05	<0.5	2.48	2.5	1.1	14.66	<5	<2	54.98	3.93	25.26	0.13	0.40
REP 3206802	QC																				
3206810	Drill Core	1.7	102.2	0.50	223	<0.001	1.01	<0.01	0.09	<0.5	19.72	4.6	1.1	2.77	6	<2	46.18	11.61	19.01	0.39	0.91
REP 3206810	QC																46.69	11.68	19.05	0.39	0.91
3206813	Drill Core	2.2	53.0	0.02	85	0.002	0.43	0.01	0.07	<0.5	44.77	<0.5	3.8	>30	<5	<2	14.01	6.34	45.17	0.36	0.06
REP 3206813	QC																				
3206820	Rock Pulp	18.0	12.0	2.04	89	0.011	0.76	<0.01	0.48	<0.5	5.12	2.0	46.9	10.79	<5	<2	34.20	6.91	11.39	5.37	3.86
REP 3206820	QC																34.19	6.91	11.46	5.40	3.89
3206821	Drill Core	1.0	206.4	0.59	194	0.003	2.15	<0.01	0.06	<0.5	155.51	10.4	3.1	9.74	18	<2	22.48	9.80	30.33	0.41	1.03
REP 3206821	QC																				
3206827	Drill Core	1.3	244.4	0.96	414	0.008	1.77	<0.01	0.04	<0.5	2.06	11.2	<0.5	0.63	5	<2	36.83	6.82	33.13	0.49	1.63
REP 3206827	QC																				



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QUALITY CONTROL REPORT

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	Method	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC000	TC000	TC005	TC005	TC006	TC008	TC008	GC204			
	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	Ga			
	Unit	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm			
	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	1			
3206822	Drill Core	0.42	0.79	1.57	0.39	0.07	0.18	<0.01	4.10	2.07	17.70	98.02	0.04	4.36	6.33	0.58	<0.02	13.81	3.77	7.68				
3206858	Drill Core	2.08	0.43	0.52	0.93	0.02	0.45	<0.01	<0.01	0.05	12.84	98.87	0.09	5.15	2.28	3.68	0.08	5.10	1.92	1.09				
Pulp Duplicates																								
3206767	Drill Core	0.85	0.01	0.17	0.12	0.01	0.12	<0.01	0.03	<0.01	17.08	98.94	0.24	7.18	15.66	6.53	0.63	<0.08	15.51	0.46				
REP 3206767	QC																							
3206769	Drill Core	1.23	0.18	0.91	0.20	0.02	0.27	<0.01	<0.01	<0.01	8.31	99.22	0.06	1.92	4.73	1.36	0.06	1.85	4.36	1.10				
REP 3206769	QC													1.90	4.77									
3206777	Drill Core	1.72	0.22	0.51	0.11	0.01	0.28	<0.01	<0.01	<0.01	6.98	99.75	0.04	1.98	1.33	0.91	0.05	3.75	1.03	0.90				
REP 3206777	QC	1.74	0.22	0.51	0.12	0.01	0.28	<0.01	<0.01	<0.01	6.98	99.83	0.04											
3206779	Drill Core	1.86	0.04	0.53	0.10	0.02	0.29	<0.01	0.01	<0.01	4.36	99.17	0.04	1.13	2.12	0.92	0.07	0.52	1.98	0.43				
REP 3206779	QC																		0.53					
3206786	Drill Core	1.59	0.03	0.48	0.10	0.02	0.29	<0.01	<0.01	<0.01	3.46	99.41	0.04	0.81	1.64	0.69	0.06	0.20	1.54	0.27				
REP 3206786	QC	1.58	0.02	0.48	0.10	0.02	0.28	<0.01	0.01	<0.01	3.46	99.39	0.03									0.07		
3206792	Drill Core	1.85	0.11	0.55	0.11	<0.01	0.36	<0.01	<0.01	<0.01	5.00	98.68	0.04	1.29	1.47	0.86	0.05	1.41	1.27	0.62				
REP 3206792	QC																				0.70			
3206801	Drill Core	0.53	0.24	0.21	0.08	<0.01	0.12	<0.01	0.13	0.18	13.09	98.82	0.01	1.79	13.82	0.77	0.02	3.63	13.21	1.84				
REP 3206801	QC																							
3206802	Drill Core	0.53	0.19	0.20	0.08	<0.01	0.13	<0.01	0.10	0.12	13.26	99.45	0.02	1.54	14.80	0.76	<0.02	2.81	14.28	1.56				
REP 3206802	QC													1.55	15.31									
3206810	Drill Core	1.05	0.48	2.03	0.57	0.08	0.35	<0.01	2.76	1.24	11.53	98.88	0.05	2.65	3.12	0.50	0.02	7.80	1.67	4.34				
REP 3206810	QC	1.06	0.48	2.02	0.57	0.09	0.36	<0.01	2.76	1.22	11.53	99.50	0.05											
3206813	Drill Core	0.66	0.01	1.60	0.39	0.04	0.25	<0.01	0.58	2.90	24.79	98.14	0.03	0.19	37.38	0.15	<0.02	0.10	35.82	4.67				
REP 3206813	QC																		0.11					
3206820	Rock Pulp	3.50	0.17	0.20	0.09	0.01	0.07	0.02	4.79	10.73	14.87	99.40	<0.01	2.49	11.28	0.73	<0.02	6.46	6.77	13.52				
REP 3206820	QC	3.54	0.16	0.22	0.10	<0.01	0.07	0.02	4.81	10.79	14.87	99.67	<0.01											
3206821	Drill Core	0.79	0.62	2.08	0.44	0.09	0.27	0.03	0.58	10.38	16.84	98.98	0.06	3.39	10.34	0.74	<0.02	9.65	4.69	16.97				
REP 3206821	QC																	<0.02						
3206827	Drill Core	0.42	0.94	1.62	0.40	0.07	0.16	<0.01	0.05	0.15	16.71	99.58	0.05	4.99	0.80	0.66	<0.02	15.79	0.39	1.23				
REP 3206827	QC																				1.22			



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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

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	Method Analyte Unit MDL	GC204 Ge ppm 1
3206822	Drill Core	
3206858	Drill Core	
Pulp Duplicates		
3206767	Drill Core	
REP 3206767	QC	
3206769	Drill Core	
REP 3206769	QC	
3206777	Drill Core	
REP 3206777	QC	
3206779	Drill Core	
REP 3206779	QC	
3206786	Drill Core	
REP 3206786	QC	
3206792	Drill Core	
REP 3206792	QC	
3206801	Drill Core	
REP 3206801	QC	
3206802	Drill Core	
REP 3206802	QC	
3206810	Drill Core	
REP 3206810	QC	
3206813	Drill Core	
REP 3206813	QC	
3206820	Rock Pulp	
REP 3206820	QC	
3206821	Drill Core	
REP 3206821	QC	
3206827	Drill Core	
REP 3206827	QC	



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PHONE (604) 253-3158

Client:

Fireweed Zinc Ltd.

Suite 1020, 800 Pender Street

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		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
3206836	Drill Core	1.78	3.4	18.1	473.5	1481	1.0	328.7	58.3	8312	26.11	375	0.9	<0.5	314	3.1	39.5	<0.5	113	0.33	0.056
REP 3206836	QC		3.3	17.3	431.9	1470	0.9	315.9	57.3	8279	25.75	357	0.9	<0.5	312	2.8	37.9	<0.5	112	0.33	0.058
3206837	Drill Core	1.76	3.1	20.5	1214.4	1739	2.4	65.3	16.1	3361	11.95	178	1.6	<0.5	746	3.8	32.4	<0.5	98	0.44	0.190
REP 3206837	QC																				
3206844	Drill Core	1.55	14.1	52.8	1660.3	8833	6.5	134.8	24.3	98	5.83	289	3.9	0.6	700	23.2	88.3	<0.5	58	0.50	0.248
REP 3206844	QC																				
3206848	Drill Core	0.85	3.2	130.0	779.9	29469	4.9	69.2	13.0	1904	6.40	111	3.2	0.6	1022	55.5	39.8	<0.5	80	0.75	0.345
REP 3206848	QC																				
3206854	Drill Core	2.03	8.8	34.7	832.9	500	2.8	90.3	13.5	4641	15.26	110	4.6	0.9	707	1.0	32.8	<0.5	104	0.73	0.272
REP 3206854	QC																				
3206856	Drill Core	1.69	30.0	75.0	177.2	2392	2.2	137.8	16.7	1291	6.83	134	9.7	2.0	352	5.3	56.4	<0.5	113	0.62	0.293
REP 3206856	QC																				
3206862	Drill Core	2.09	1.3	111.6	64.0	17262	0.9	52.8	12.6	10014	26.60	56	1.8	0.8	116	42.5	18.7	<0.5	143	0.50	0.114
REP 3206862	QC																				
3206866	Drill Core	1.61	5.4	140.7	239.4	56	4.7	125.4	13.4	35	2.36	42	6.5	3.1	291	<0.5	77.1	<0.5	34	0.99	0.448
REP 3206866	QC		5.8	142.2	242.2	52	4.4	129.8	14.5	36	2.38	41	6.6	3.1	304	<0.5	72.9	<0.5	34	1.00	0.448
3206867	Drill Core	2.18	5.4	128.2	182.0	56	4.0	135.9	13.5	37	1.96	39	5.8	2.5	242	<0.5	75.4	<0.5	32	0.83	0.394
REP 3206867	QC																				
3206870	Drill Core	2.26	1.6	34.5	89.5	79	0.6	27.5	13.2	11217	31.54	30	0.6	<0.5	28	<0.5	17.7	<0.5	79	0.37	0.025
REP 3206870	QC																				
3206872	Drill Core	1.58	4.3	81.3	158.6	33	2.0	164.6	16.0	573	4.15	70	9.5	3.3	565	<0.5	40.7	<0.5	59	1.68	0.765
REP 3206872	QC																				
3206875	Drill Core	2.10	3.4	96.5	148.1	35	2.6	115.2	16.4	977	3.95	50	4.3	3.1	194	<0.5	76.8	<0.5	43	0.64	0.300
REP 3206875	QC																				
3206876	Drill Core	1.90	2.1	64.2	95.4	48	1.5	97.9	12.7	7049	16.76	55	2.0	1.6	100	<0.5	54.1	<0.5	63	0.49	0.150
REP 3206876	QC		2.4	65.9	100.0	48	1.5	96.5	13.7	6920	16.68	57	2.1	1.4	103	<0.5	54.9	<0.5	63	0.49	0.157
3206878	Drill Core	1.41	3.1	33.2	71.0	46	1.1	63.9	14.5	1304	5.73	36	1.1	1.8	41	<0.5	24.1	<0.5	14	0.14	0.040
REP 3206878	QC																				
Core Reject Duplicates																					



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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

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		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
3206836	Drill Core	1.8	266.8	0.98	194	0.007	2.00	<0.01	0.07	<0.5	1.84	16.5	<0.5	1.46	7	<2	27.45	7.06	39.33	0.48	1.65
REP 3206836	QC	1.9	249.8	0.96	198	0.008	1.99	<0.01	0.07	<0.5	1.74	15.4	<0.5	1.45	7	<2					
3206837	Drill Core	0.8	21.4	0.29	304	0.001	0.33	<0.01	0.08	<0.5	2.10	4.0	0.5	2.85	<5	<2	61.84	4.59	17.59	0.62	0.62
REP 3206837	QC																				
3206844	Drill Core	1.8	22.3	0.03	270	0.002	0.51	<0.01	0.11	<0.5	11.37	1.4	2.7	6.41	<5	4	72.64	5.99	8.60	0.73	0.14
REP 3206844	QC																72.86	6.03	8.63	0.71	0.15
3206848	Drill Core	1.2	18.1	0.18	298	0.004	0.36	<0.01	0.12	<0.5	38.46	4.1	0.6	2.89	<5	6	68.19	5.31	9.19	1.06	0.40
REP 3206848	QC																				
3206854	Drill Core	1.5	22.4	0.45	285	0.002	0.42	<0.01	0.13	<0.5	0.98	5.9	1.1	2.36	<5	4	48.49	8.13	22.16	1.00	0.97
REP 3206854	QC																48.79	8.13	22.24	1.03	0.98
3206856	Drill Core	3.1	19.7	0.17	454	0.002	0.57	<0.01	0.20	<0.5	3.09	3.9	1.3	3.96	<5	9	60.91	11.65	10.17	0.88	0.51
REP 3206856	QC																				
3206862	Drill Core	1.2	22.6	1.53	211	0.001	0.34	<0.01	0.09	<0.5	19.99	15.2	0.8	4.01	<5	6	23.94	4.28	39.69	0.69	2.61
REP 3206862	QC																				
3206866	Drill Core	4.7	28.2	0.13	540	0.003	0.93	<0.01	0.28	<0.5	0.75	3.4	<0.5	2.16	<5	8	60.37	16.89	4.12	1.43	0.60
REP 3206866	QC	4.5	28.7	0.13	544	0.003	0.94	<0.01	0.26	<0.5	0.76	2.6	<0.5	2.15	<5	9					
3206867	Drill Core	3.9	28.7	0.17	432	0.003	0.90	<0.01	0.20	<0.5	0.63	3.2	<0.5	1.53	<5	7	60.39	16.84	3.54	1.21	0.66
REP 3206867	QC																				
3206870	Drill Core	<0.5	17.7	1.60	150	<0.001	0.21	<0.01	0.07	<0.5	0.21	7.5	<0.5	2.50	<5	<2	19.02	2.62	47.49	0.54	2.77
REP 3206870	QC																19.11	2.63	47.48	0.53	2.80
3206872	Drill Core	3.9	30.3	0.34	632	0.006	1.07	<0.01	0.32	<0.5	0.62	5.0	0.6	2.86	<5	8	58.48	14.41	6.48	2.44	0.90
REP 3206872	QC																				
3206875	Drill Core	3.9	29.0	0.24	414	0.003	0.64	<0.01	0.23	<0.5	0.63	3.1	<0.5	1.82	<5	7	60.12	16.24	6.36	0.93	0.75
REP 3206875	QC																60.10	16.21	6.35	0.92	0.73
3206876	Drill Core	1.6	35.4	1.43	421	0.002	0.42	<0.01	0.18	<0.5	0.55	7.0	<0.5	2.32	<5	7	38.80	10.36	24.75	0.70	2.60
REP 3206876	QC	1.6	34.2	1.43	418	0.001	0.42	<0.01	0.18	<0.5	0.57	7.0	<0.5	2.30	<5	6					
3206878	Drill Core	2.2	15.6	0.65	365	0.002	0.83	<0.01	0.20	<0.5	0.50	4.2	<0.5	3.02	<5	2	61.31	15.27	8.88	0.22	1.42
REP 3206878	QC																				
Core Reject Duplicates																					



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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

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		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 %	GC204 Ga ppm
		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	1
3206836	Drill Core	0.52	1.05	1.60	0.34	0.07	0.15	<0.01	0.05	0.15	19.42	99.49	0.04	5.74	1.69	0.69	<0.02	18.51	1.04	1.96	
REP 3206836	QC																				
3206837	Drill Core	0.75	0.43	0.32	0.61	0.01	0.17	<0.01	0.11	0.18	11.29	99.26	0.05	3.90	3.24	1.99	0.02	6.92	2.62	1.84	
REP 3206837	QC													3.78	3.26						
3206844	Drill Core	1.12	0.03	0.35	0.60	0.02	0.23	<0.01	0.16	0.88	7.83	99.68	0.07	2.72	7.03	2.63	0.08	<0.08	6.59	1.32	
REP 3206844	QC	1.11	0.02	0.35	0.60	0.01	0.21	<0.01	0.15	0.88	7.83	99.92	0.07								
3206848	Drill Core	1.03	0.26	0.33	0.83	0.01	0.22	<0.01	0.08	3.04	8.63	99.46	0.06	3.59	3.24	2.54	0.03	3.73	1.65	4.77	
REP 3206848	QC																	3.80			
3206854	Drill Core	1.53	0.58	0.44	0.72	0.01	0.29	<0.01	0.07	0.05	15.01	99.65	0.06	5.28	2.63	2.91	0.05	8.54	2.13	1.50	
REP 3206854	QC	1.54	0.59	0.44	0.70	0.02	0.27	<0.01	0.08	0.05	15.01	100.04	0.07								
3206856	Drill Core	2.44	0.18	0.59	0.65	0.02	0.51	<0.01	<0.01	0.24	10.91	99.92	0.13	4.44	4.32	3.81	0.07	2.06	3.93	1.18	
REP 3206856	QC																0.09				
3206862	Drill Core	0.82	1.28	0.20	0.28	<0.01	0.17	<0.01	<0.01	1.75	23.56	99.79	0.05	7.26	4.40	1.42	<0.02	21.36	2.48	5.77	
REP 3206862	QC																			5.99	
3206866	Drill Core	3.59	0.03	0.88	1.08	0.03	0.67	<0.01	0.02	<0.01	9.30	99.31	0.07	5.13	2.38	4.83	0.29	<0.08	2.33	0.13	
REP 3206866	QC																				
3206867	Drill Core	3.56	0.02	0.90	0.93	0.03	0.68	<0.01	0.01	<0.01	9.10	98.14	0.07	5.14	1.80	4.85	0.28	<0.08	1.75	0.13	
REP 3206867	QC													5.31	1.80						
3206870	Drill Core	0.51	1.40	0.10	0.07	<0.01	0.09	<0.01	<0.01	<0.01	25.69	100.40	0.02	8.18	2.71	1.69	<0.02	23.80	1.73	2.95	
REP 3206870	QC	0.52	1.40	0.11	0.07	<0.01	0.10	<0.01	0.01	<0.01	25.69	100.52	0.02								
3206872	Drill Core	3.11	0.09	0.73	1.87	0.02	0.56	<0.01	<0.01	<0.01	9.74	99.04	0.08	4.70	3.22	4.38	0.18	0.50	3.02	0.62	
REP 3206872	QC																	0.49			
3206875	Drill Core	3.54	0.14	0.82	0.68	0.03	0.71	<0.01	<0.01	<0.01	8.64	99.23	0.05	3.70	2.03	3.29	0.13	1.01	1.83	0.60	
REP 3206875	QC	3.58	0.14	0.82	0.68	0.03	0.71	<0.01	0.01	<0.01	8.64	99.16	0.05				0.16				
3206876	Drill Core	2.29	0.91	0.52	0.35	0.02	0.47	<0.01	<0.01	<0.01	17.90	99.83	0.04	6.27	2.55	3.51	0.09	9.78	2.12	1.28	
REP 3206876	QC																				
3206878	Drill Core	3.19	0.18	0.78	0.11	0.01	0.73	<0.01	<0.01	<0.01	7.24	99.59	0.03	1.24	3.37	0.72	0.03	1.79	3.05	0.94	
REP 3206878	QC																			1.08	
Core Reject Duplicates																					



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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

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Suite 1020, 800 Pender Street

Vancouver British Columbia V5C 2V6 Canada

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		GC204 Ge ppm 1
3206836	Drill Core	
REP 3206836	QC	
3206837	Drill Core	
REP 3206837	QC	
3206844	Drill Core	
REP 3206844	QC	
3206848	Drill Core	
REP 3206848	QC	
3206854	Drill Core	
REP 3206854	QC	
3206856	Drill Core	
REP 3206856	QC	
3206862	Drill Core	
REP 3206862	QC	
3206866	Drill Core	
REP 3206866	QC	
3206867	Drill Core	
REP 3206867	QC	
3206870	Drill Core	
REP 3206870	QC	
3206872	Drill Core	
REP 3206872	QC	
3206875	Drill Core	
REP 3206875	QC	
3206876	Drill Core	
REP 3206876	QC	
3206878	Drill Core	
REP 3206878	QC	
Core Reject Duplicates		



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PHONE (604) 253-3158

Client:

Fireweed Zinc Ltd.

Suite 1020, 800 Pender Street

Vancouver British Columbia V5C 2V6 Canada

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QUALITY CONTROL REPORT

WHI19000557.2

		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
3206763	Drill Core	1.76	3.7	15.7	91.0	5491	0.7	49.7	9.0	48	2.39	66	1.0	<0.5	35	20.4	28.5	<0.5	<10	0.02	0.014
DUP 3206763	QC		3.8	15.4	93.6	5518	0.7	46.1	8.8	45	2.48	70	1.0	<0.5	34	20.6	28.2	<0.5	<10	0.02	0.017
3206797	Drill Core	2.38	4.0	91.7	3329.0	10289	13.2	133.4	27.7	1432	27.45	468	1.3	0.7	100	38.8	139.0	<0.5	45	0.09	0.034
DUP 3206797	QC		3.8	91.1	3294.8	10476	13.1	137.0	27.5	1467	27.47	453	1.4	0.6	104	38.4	139.4	<0.5	44	0.09	0.035
3206831	Drill Core	1.73	2.1	48.3	4102.1	4726	7.5	359.5	64.3	4227	14.85	420	<0.5	<0.5	322	12.1	64.9	<0.5	58	0.20	0.056
DUP 3206831	QC		2.0	47.3	4209.2	4695	7.4	354.4	62.0	4086	14.83	408	<0.5	<0.5	320	12.4	62.2	<0.5	57	0.20	0.055
3206865	Drill Core	1.59	16.8	132.4	235.2	57	3.9	159.4	20.0	44	3.35	65	11.1	2.7	398	<0.5	77.1	<0.5	44	1.13	0.506
DUP 3206865	QC		18.7	128.2	227.6	61	3.7	157.0	18.5	45	3.17	68	11.2	2.9	407	<0.5	76.3	<0.5	41	1.12	0.530
Reference Materials																					
STD COO1	Standard																				
STD COO1	Standard																				
STD COO1	Standard																				
STD COO1	Standard																				
STD COO1	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD GBM309-15	Standard																				
STD GBM309-15	Standard																				
STD GG-3	Standard																				
STD GG-3	Standard																				
STD GGC-10	Standard																				
STD GGC-10	Standard																				
STD GGC-10	Standard																				
STD GGC-10	Standard																				
STD GGC-10	Standard																				
STD GGC-10	Standard																				
STD GGC-10	Standard																				



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Client:

Fireweed Zinc Ltd.

Suite 1020, 800 Pender Street

Vancouver British Columbia V5C 2V6 Canada

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		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
3206763	Drill Core	<0.5	10.8	<0.01	62	<0.001	0.13	<0.01	0.04	<0.5	7.69	0.7	0.5	2.54	<5	<2	90.12	1.99	3.44	0.04	0.04
DUP 3206763	QC	<0.5	11.3	<0.01	63	<0.001	0.13	<0.01	0.04	<0.5	7.20	<0.5	<0.5	2.64	<5	<2	90.07	1.99	3.47	0.04	0.05
3206797	Drill Core	0.6	40.6	0.20	112	<0.001	0.57	<0.01	0.03	<0.5	15.79	2.4	1.9	28.02	<5	<2	28.92	3.40	41.65	0.16	0.38
DUP 3206797	QC	0.6	39.6	0.19	116	<0.001	0.56	<0.01	0.03	<0.5	16.09	2.4	1.9	28.03	<5	<2	28.83	3.37	40.88	0.16	0.38
3206831	Drill Core	1.6	130.2	0.55	242	0.004	1.07	<0.01	0.09	<0.5	6.50	7.7	1.4	2.85	<5	<2	52.45	6.89	21.92	0.31	0.94
DUP 3206831	QC	1.2	123.4	0.55	219	0.003	1.04	<0.01	0.07	<0.5	6.12	7.3	1.3	2.90	<5	<2	52.77	6.91	22.00	0.31	0.96
3206865	Drill Core	3.9	22.5	0.11	544	0.004	0.89	<0.01	0.24	<0.5	0.67	2.5	0.5	3.44	<5	11	60.11	15.96	5.73	1.65	0.53
DUP 3206865	QC	4.1	21.7	0.11	526	0.004	0.86	<0.01	0.23	<0.5	0.63	2.1	<0.5	3.21	<5	10	59.93	15.98	5.45	1.64	0.54
Reference Materials																					
STD COO1	Standard																				
STD COO1	Standard																				
STD COO1	Standard																				
STD COO1	Standard																				
STD COO1	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD GBM309-15	Standard																				
STD GBM309-15	Standard																				
STD GG-3	Standard																				
STD GG-3	Standard																				
STD GGC-10	Standard																				
STD GGC-10	Standard																				
STD GGC-10	Standard																				
STD GGC-10	Standard																				
STD GGC-10	Standard																				
STD GGC-10	Standard																				
STD GGC-10	Standard																				



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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

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		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 %	GC204 Ga ppm
		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	1
3206763	Drill Core	0.34	0.01	0.11	0.05	0.01	0.06	<0.01	0.02	0.55	2.13	99.10	0.01	0.37	2.67	0.33	0.03	<0.08	2.52	0.46	
DUP 3206763	QC	0.34	0.02	0.11	0.06	<0.01	0.06	<0.01	<0.01	0.54	2.14	99.05	0.02	0.33	2.65	0.27	0.04	<0.08	2.50	0.45	
3206797	Drill Core	0.34	0.19	0.25	0.09	0.02	0.09	<0.01	0.32	1.03	22.53	99.75	0.02	1.73	28.34	1.12	0.03	2.13	27.34	3.01	
DUP 3206797	QC	0.33	0.19	0.26	0.10	0.01	0.07	<0.01	0.32	1.01	22.48	98.73	0.02	1.75	29.55	1.19	0.02	1.98	28.52	3.08	
3206831	Drill Core	0.75	0.54	1.72	0.43	0.06	0.23	<0.01	0.42	0.47	11.64	99.06	0.03	2.86	3.19	0.39	<0.02	9.03	2.36	2.49	
DUP 3206831	QC	0.75	0.54	1.75	0.45	0.06	0.23	<0.01	0.42	0.47	11.68	99.62	0.03	2.89	3.24	0.25	<0.02	9.62	2.45	2.37	
3206865	Drill Core	3.40	0.03	0.81	1.27	0.02	0.70	<0.01	0.02	<0.01	9.34	99.84	0.08	4.22	3.80	3.96	0.25	<0.08	3.73	0.19	
DUP 3206865	QC	3.41	0.02	0.79	1.27	0.02	0.70	<0.01	0.02	<0.01	9.05	99.05	0.08	4.26	3.59	4.01	0.25	<0.08	3.54	0.15	
Reference Materials																					
STD COO1	Standard																	2.36			
STD COO1	Standard																	2.46			
STD COO1	Standard																	2.43			
STD COO1	Standard																	2.29			
STD COO1	Standard																	2.45			
STD COO2	Standard																	3.56			
STD COO2	Standard																	3.14			
STD COO2	Standard																	3.32			
STD COO2	Standard																	3.30			
STD COO2	Standard																	3.61			
STD GBM309-15	Standard													0.25	27.51						
STD GBM309-15	Standard													0.22	27.96						
STD GG-3	Standard																				367
STD GG-3	Standard																				370
STD GGC-10	Standard																	4.77			
STD GGC-10	Standard																	4.77			
STD GGC-10	Standard																	4.99			
STD GGC-10	Standard																	5.01			
STD GGC-10	Standard																	4.71			
STD GGC-10	Standard																	4.64			



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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

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		GC204 Ge ppm 1
3206763	Drill Core	
DUP 3206763	QC	
3206797	Drill Core	
DUP 3206797	QC	
3206831	Drill Core	
DUP 3206831	QC	
3206865	Drill Core	
DUP 3206865	QC	
Reference Materials		
STD COO1	Standard	
STD COO1	Standard	
STD COO1	Standard	
STD COO1	Standard	
STD COO1	Standard	
STD COO2	Standard	
STD COO2	Standard	
STD COO2	Standard	
STD COO2	Standard	
STD COO2	Standard	
STD GBM309-15	Standard	
STD GBM309-15	Standard	
STD GG-3	Standard	555
STD GG-3	Standard	541
STD GGC-10	Standard	
STD GGC-10	Standard	
STD GGC-10	Standard	
STD GGC-10	Standard	
STD GGC-10	Standard	
STD GGC-10	Standard	



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PHONE (604) 253-3158

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Suite 1020, 800 Pender Street

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		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 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 OREAS135	Standard		7.9	288.3	16786.0	27082	55.5	33.0	28.8	3935	8.71	913	9.9	10.9	28	70.0	39.8	5.0	30	1.81	0.084
STD OREAS135	Standard		8.6	306.2	17126.3	27315	57.2	35.9	29.3	3931	8.69	929	9.1	10.6	26	68.8	38.5	5.4	32	1.81	0.086
STD OREAS133B(D)	Standard																				
STD OREAS133B(D)	Standard																				
STD OREAS133B(D)	Standard																				
STD OREAS133B(D)	Standard																				
STD OREAS605	Standard		4.9	47946.3	857.2	2134	973.8	1551.6	95.8	84	3.67	1669	0.9	2.5	44	14.0	283.4	18.9	<10	0.18	0.010
STD OREAS605	Standard		4.6	47570.6	849.0	2124	953.7	1519.2	94.8	90	3.74	1668	0.9	2.7	50	14.3	306.7	20.1	<10	0.17	0.011
STD OREAS605	Standard		4.5	49001.9	887.2	2127	>1000	1583.3	90.5	92	3.41	1690	1.0	2.7	52	14.7	321.4	21.0	<10	0.17	0.009
STD OREAS605	Standard		4.9	48922.7	880.3	2131	997.1	1596.8	94.7	85	3.42	1675	0.8	2.2	47	13.7	280.4	18.8	<10	0.17	0.007
STD OREAS605	Standard		4.5	48035.3	860.3	2085	997.4	1521.3	100.3	89	3.58	1694	0.9	2.7	50	14.0	313.8	18.9	<10	0.17	0.012
STD OREAS72B	Standard																				
STD OREAS72B	Standard																				
STD OREAS72B	Standard																				
STD OREAS72B	Standard																				
STD OREAS927-AR	Standard		1.2	10613.1	226.1	716	4.5	31.4	30.3	1064	8.09	14	1.8	12.9	13	1.1	1.3	65.8	33	0.30	0.059
STD OREAS927-AR	Standard		1.2	10819.9	237.2	738	5.8	31.0	30.2	1175	8.43	13	1.8	13.0	14	1.0	1.6	77.8	32	0.30	0.053
STD OREAS927-AR	Standard		1.1	10709.8	209.6	665	5.3	29.8	30.1	1053	8.01	14	1.5	13.4	13	1.1	1.3	64.8	32	0.27	0.053
STD RTS-3A	Standard																				



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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

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		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 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 OREAS135	Standard	38.6	21.8	0.81	415	0.027	1.11	0.02	0.49	3.3	1.29	3.2	6.3	7.17	5	<2					
STD OREAS135	Standard	39.0	23.0	0.83	390	0.027	1.11	0.02	0.49	3.0	1.39	4.2	6.2	7.19	<5	<2					
STD OREAS133B(D)	Standard																34.84	6.97	11.60	5.33	3.81
STD OREAS133B(D)	Standard																34.51	6.87	11.55	5.30	3.78
STD OREAS133B(D)	Standard																34.72	6.99	11.51	5.31	3.80
STD OREAS133B(D)	Standard																34.72	6.92	11.51	5.26	3.83
STD OREAS605	Standard	7.2	33.8	0.02	202	0.010	0.77	0.03	0.12	7.1	1.75	1.5	16.0	7.73	7	75					
STD OREAS605	Standard	7.8	28.0	0.03	181	0.009	0.74	0.03	0.15	6.5	1.76	1.1	16.8	7.59	6	76					
STD OREAS605	Standard	7.9	27.4	0.03	212	0.010	0.72	0.03	0.14	7.9	1.72	0.8	17.5	7.73	7	84					
STD OREAS605	Standard	6.7	31.3	0.03	183	0.010	0.73	0.03	0.13	6.8	1.68	1.5	15.4	7.77	6	73					
STD OREAS605	Standard	7.5	29.0	0.03	163	0.010	0.67	0.03	0.15	6.9	1.45	1.2	16.6	7.63	6	77					
STD OREAS72B	Standard																51.20	8.89	9.97	3.97	15.99
STD OREAS72B	Standard																51.15	8.93	9.91	3.97	16.02
STD OREAS72B	Standard																51.13	8.97	9.87	3.97	16.03
STD OREAS72B	Standard																51.29	8.94	9.98	3.98	16.08
STD OREAS927-AR	Standard	27.2	41.7	1.94	49	0.086	3.31	<0.01	0.27	5.2	<0.05	5.2	<0.5	1.73	10	14					
STD OREAS927-AR	Standard	27.4	42.5	2.01	50	0.077	3.40	<0.01	0.27	5.4	0.16	6.1	<0.5	1.77	10	15					
STD OREAS927-AR	Standard	25.2	41.3	1.92	43	0.070	3.13	<0.01	0.23	4.3	0.10	3.5	<0.5	1.71	8	15					
STD RTS-3A	Standard																				



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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client:

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Suite 1020, 800 Pender Street

Vancouver British Columbia V5C 2V6 Canada

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		LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC000	TC000	TC005	TC005	TC006	TC008	TC008	GC204	
		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	Ga
		%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm
		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	1
STD GGC-10	Standard	4.77																			
STD GGC-10	Standard	4.89																			
STD GS311-1	Standard	1.02 2.41																			
STD GS311-1	Standard	0.97 2.44																			
STD GS311-1	Standard	0.97 2.53																			
STD GS311-1	Standard	0.99 2.38																			
STD GS910-4	Standard	2.73 8.60																			
STD GS910-4	Standard	2.67 8.69																			
STD GS910-4	Standard	2.63 8.94																			
STD GS910-4	Standard	2.64 8.40																			
STD OREAS135	Standard																				
STD OREAS135	Standard																				
STD OREAS133B(D)	Standard	3.46	0.16	0.20	0.12	<0.01	0.07	0.06	5.09	11.46	13.03	99.64	<0.01								
STD OREAS133B(D)	Standard	3.47	0.16	0.20	0.12	<0.01	0.08	0.06	5.07	11.36	13.03	98.95	<0.01								
STD OREAS133B(D)	Standard	3.48	0.16	0.20	0.12	<0.01	0.07	0.06	5.06	11.36	13.03	99.30	<0.01								
STD OREAS133B(D)	Standard	3.48	0.16	0.20	0.14	<0.01	0.08	0.06	5.08	11.37	13.03	99.26	<0.01								
STD OREAS605	Standard																				
STD OREAS605	Standard																				
STD OREAS605	Standard																				
STD OREAS605	Standard																				
STD OREAS605	Standard																				
STD OREAS72B	Standard	1.35	0.14	0.33	0.05	0.15	0.03	0.02	<0.01	0.01	5.12	98.52	0.01								
STD OREAS72B	Standard	1.33	0.14	0.33	0.06	0.15	0.03	0.02	<0.01	<0.01	5.12	98.44	0.01								
STD OREAS72B	Standard	1.33	0.14	0.35	0.06	0.15	0.04	0.02	<0.01	0.01	5.12	98.50	0.01								
STD OREAS72B	Standard	1.33	0.15	0.35	0.05	0.15	0.03	0.02	<0.01	0.01	5.12	98.79	0.01								
STD OREAS927-AR	Standard																				
STD OREAS927-AR	Standard																				
STD OREAS927-AR	Standard																				
STD RTS-3A	Standard	3.38																			



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Fireweed Zinc Ltd.

Suite 1020, 800 Pender Street

Vancouver British Columbia V5C 2V6 Canada

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		GC204 Ge ppm 1
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 OREAS135	Standard	
STD OREAS135	Standard	
STD OREAS133B(D)	Standard	
STD OREAS133B(D)	Standard	
STD OREAS133B(D)	Standard	
STD OREAS133B(D)	Standard	
STD OREAS605	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 OREAS927-AR	Standard	
STD OREAS927-AR	Standard	
STD OREAS927-AR	Standard	
STD RTS-3A	Standard	



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Vancouver British Columbia V5C 2V6 Canada

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		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 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 RTS-3A Expected																				
STD OREAS135 Expected			8.25	294	17000	28000	55.2	36	29.6	3960	8.97	937	9.4	10.4	26.5	67	38	5.1	33.4	1.83
STD GBM309-15 Expected																				0.086
STD GS311-1 Expected																				
STD GS910-4 Expected																				
STD SY-4(D) Expected																				
STD OREAS72B Expected																				
STD OREAS133B(D) Expected																				
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
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
STD GGC-10 Expected																				0.0105
STD COO1 Expected																				
STD COO2 Expected																				
STD GG-3 Expected																				
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank		<0.5	<0.5	0.8	14	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01



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Suite 1020, 800 Pender Street

Vancouver British Columbia V5C 2V6 Canada

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		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF725	LF725	LF725	LF725	LF725
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	SiO2	Al2O3	Fe2O3	CaO	MgO
		ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	%	%
		0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01	0.01	0.01	0.01	0.01
STD 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 RTS-3A Expected																					
STD OREAS135 Expected		39.8	22	0.833	366	0.026	1.09	0.017	0.487	2.93	1.21	3.51	6.27	7.08	4.8						
STD GBM309-15 Expected																					
STD GS311-1 Expected																					
STD GS910-4 Expected																					
STD SY-4(D) Expected																					
STD OREAS72B Expected																					
STD OREAS133B(D) Expected																					
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	49.9	20.69	6.21	8.05	0.54
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	51.17	8.97	9.724	3.96	15.933
STD GGC-10 Expected																					
STD COO1 Expected																					
STD COO2 Expected																					
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					



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Client:

Fireweed Zinc Ltd.

Suite 1020, 800 Pender Street

Vancouver British Columbia V5C 2V6 Canada

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		LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC000	TC000	TC005	TC005	TC006	TC008	TC008	GC204	
		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	Ga
		%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm
		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	1
STD RTS-3A	Standard																				3.46
STD RTS-3A	Standard																				3.39
STD RTS-3A	Standard																				3.45
STD RTS-3A	Standard																				3.08
STD RTS-3A	Standard																				3.16
STD RTS-3A	Standard																				3.29
STD SY-4(D)	Standard	1.68	0.12	0.29	0.13	<0.01	0.04	<0.01	0.01	0.01	4.56	98.96	<0.01								
STD SY-4(D)	Standard	1.68	0.12	0.30	0.13	<0.01	0.04	<0.01	<0.01	0.01	4.56	99.12	<0.01								
STD SY-4(D)	Standard	1.68	0.12	0.30	0.13	<0.01	0.04	<0.01	<0.01	0.01	4.56	99.03	<0.01								
STD SY-4(D)	Standard	1.68	0.11	0.30	0.14	<0.01	0.04	<0.01	<0.01	0.01	4.56	99.22	<0.01								
STD RTS-3A Expected																					3.3
STD OREAS135 Expected																					
STD GBM309-15 Expected																					0.22 28.84
STD GS311-1 Expected																					1.02 2.35
STD GS910-4 Expected																					2.65 8.27
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 OREAS605 Expected																					
STD OREAS927-AR Expected																					
STD GGC-10 Expected																					4.79
STD COO1 Expected																					2.37
STD COO2 Expected																					3.43
STD GG-3 Expected																					370
BLK	Blank																				<0.05
BLK	Blank																				<0.05
BLK	Blank																				<0.05
BLK	Blank																				<0.05
BLK	Blank																				



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Fireweed Zinc Ltd.

Suite 1020, 800 Pender Street

Vancouver British Columbia V5C 2V6 Canada

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		GC204 Ge ppm 1
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 RTS-3A Expected		
STD OREAS135 Expected		
STD GBM309-15 Expected		
STD GS311-1 Expected		
STD GS910-4 Expected		
STD SY-4(D) Expected		
STD OREAS72B Expected		
STD OREAS133B(D) Expected		
STD OREAS605 Expected		
STD OREAS927-AR Expected		
STD GGC-10 Expected		
STD COO1 Expected		
STD COO2 Expected		
STD GG-3 Expected		600
BLK	Blank	
BLK	Blank	
BLK	Blank	
BLK	Blank	
BLK	Blank	



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		WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01
BLK	Blank		<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																			
SI BLK	Blank																			
BLK	Blank																			
SI BLK	Blank																			
SI BLK	Blank																			
SI BLK	Blank																			
BLK	Blank																			
BLK	Blank		<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
Prep Wash																				
ROCK-WHI	Prep Blank		0.6	5.4	2.0	209	<0.5	2.1	4.2	583	1.98	<5	<0.5	1.7	20	0.6	<0.5	<0.5	25	0.69
ROCK-WHI	Prep Blank		0.9	5.2	1.1	50	<0.5	1.6	4.4	575	2.01	<5	<0.5	2.2	23	<0.5	<0.5	<0.5	27	0.68



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PHONE (604) 253-3158

Client:

Fireweed Zinc Ltd.

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		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF725	LF725	LF725	LF725	LF725	
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	SiO2	Al2O3	Fe2O3	CaO	MgO
		ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	%	%
		0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01	0.01	0.01	0.01	0.01
BLK	Blank	<0.5	<0.5	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	0.08	<0.5	<0.5	<0.05	<5	<2					
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
SI BLK	Blank																98.75	0.32	0.03	0.01	0.02
BLK	Blank																				
SI BLK	Blank																99.05	0.32	0.03	0.03	0.03
SI BLK	Blank																99.78	0.31	0.02	0.01	0.03
SI BLK	Blank																98.96	0.32	0.03	0.01	0.02
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																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
ROCK-WHI	Prep Blank	5.6	4.3	0.53	47	0.083	0.96	0.10	0.09	<0.5	0.18	3.0	<0.5	0.05	<5	<2	69.40	14.15	3.38	2.40	1.07
ROCK-WHI	Prep Blank	6.1	4.5	0.52	54	0.091	0.97	0.12	0.09	<0.5	<0.05	3.4	<0.5	<0.05	<5	<2	69.73	14.12	3.42	2.46	1.08



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Fireweed Zinc Ltd.

Suite 1020, 800 Pender Street

Vancouver British Columbia V5C 2V6 Canada

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		LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC000	TC000	TC005	TC005	TC006	TC008	TC008	GC204			
		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	Ga		
		%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm			
		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	1		
BLK	Blank																						
BLK	Blank													<0.02	<0.02								
BLK	Blank													<0.02	<0.02								
BLK	Blank													<0.02	<0.02								
SI BLK	Blank	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.00	99.13	<0.01										
BLK	Blank													<0.02	<0.02								
SI BLK	Blank	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.00	99.43	<0.01										
SI BLK	Blank	<0.01	0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.00	100.18	<0.01										
SI BLK	Blank	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.00	99.33	<0.01										
BLK	Blank																	<0.08					
BLK	Blank																						
BLK	Blank																	<0.02					
BLK	Blank																	<0.02					
BLK	Blank																	<0.08					
BLK	Blank																	<0.02					
BLK	Blank																	<0.08					
BLK	Blank																	<0.02					
BLK	Blank																	<0.08					
BLK	Blank																	<0.08					
Prep Wash																							
ROCK-WHI	Prep Blank	1.82	0.10	0.36	0.10	<0.01	0.08	<0.01	<0.01	0.02	1.12	98.61	<0.01	0.13	0.04	0.04	<0.02	0.36	<0.05	0.29			
ROCK-WHI	Prep Blank	1.96	0.10	0.34	0.10	<0.01	0.08	<0.01	<0.01	<0.01	0.97	98.90	0.01	0.12	0.02	0.03	<0.02	0.34	<0.05	0.29			



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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

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		GC204 Ge ppm 1
BLK	Blank	
BLK	Blank	
BLK	Blank	
BLK	Blank	
SI BLK	Blank	
BLK	Blank	
SI BLK	Blank	
SI BLK	Blank	
SI 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	<1
Prep Wash		
ROCK-WHI	Prep Blank	
ROCK-WHI	Prep Blank	