



BUREAU VERITAS MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

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

Submitted By: Confirmation & Email Distribution List
Receiving Lab: Canada-Whitehorse
Received: September 24, 2018
Report Date: December 01, 2018
Page: 1 of 2

CERTIFICATE OF ANALYSIS

WHI18000985.1

CLIENT JOB INFORMATION

Project: MacMillan Pass
Shipment ID: FWZ18-BV-034
P.O. Number
Number of Samples: 13

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 60 days Invoice for Storage

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-500	13	Crush, split and pulverize 500g rock to 200 mesh			WHI
CRUBW	13	Extra clean rock wash between samples in crusher			WHI
PULSW	13	Extra Wash with Silica between each sample			WHI
FA330	13	Fire assay fusion Au Pt Pd by ICP-ES	30	Completed	VAN
EN002	13	Environmental disposal charge-Fire assay lead waste			VAN
AQ270	13	1:1:1 Aqua Regia digestion ICP-ES/ICP-MS analysis	1	Completed	VAN
LF725	13	Li2B4O7/LiBO2 fusion, analysis by XRF		Completed	VAN
TC006	13	15% HClO4 leach, CO2 analysis by Leco	0.2	Completed	VAN
TC003	13	Analysis by Leco	0.1	Completed	VAN
SHP01	13	Per sample shipping charges for branch shipments			VAN

ADDITIONAL COMMENTS

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

CC:



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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CERTIFICATE OF ANALYSIS

WHI18000985.1

	Method Analyte Unit MDL	WGHT	FA330	FA330	FA330	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
		Wgt	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi
		kg	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	3	2	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
3209289	Drill Core	5.37	18	4	7	101.4	395.1	231.0	258	4.2	240.5	31.6	60	19.39	272	28.6	4.3	32	1.8	52.6	<0.5
3209290	Drill Core	5.50	19	<3	<2	56.1	607.0	350.6	3232	5.5	262.6	17.3	117	28.74	175	13.6	2.2	29	21.4	41.4	<0.5
3209291	Drill Core	7.39	18	5	14	137.4	281.0	158.3	165	2.9	330.2	36.8	44	12.42	179	35.5	5.4	41	1.2	38.1	<0.5
3209292	Drill Core	6.33	19	7	10	55.2	267.9	237.2	71	3.8	399.1	25.0	52	20.11	195	20.6	3.9	31	0.7	50.1	<0.5
3209293	Drill Core	6.81	16	8	9	50.6	346.2	294.5	105	4.1	319.5	23.0	55	20.69	151	14.5	3.5	23	1.1	43.7	<0.5
3209294	Rock	0.76	3	<3	<2	1.0	10.1	1.7	37	<0.5	3.4	5.8	609	2.14	<5	<0.5	2.0	28	<0.5	<0.5	<0.5
3209295	Drill Core	7.21	12	<3	8	86.1	354.3	163.3	53	3.2	338.2	25.5	71	12.03	141	15.5	3.7	17	0.6	39.5	<0.5
3209296	Drill Core	5.87	12	<3	8	104.3	122.6	156.8	10	2.6	364.7	29.8	94	8.90	154	17.7	5.7	18	<0.5	49.2	<0.5
3209297	Drill Core	8.06	15	<3	5	68.4	140.3	165.2	21	2.5	304.8	25.2	92	11.16	130	15.3	5.8	21	<0.5	40.0	<0.5
3209298	Drill Core	7.10	11	<3	7	82.9	116.6	126.3	13	1.9	235.9	25.0	75	7.15	107	16.7	6.1	18	<0.5	33.2	<0.5
3209299	Drill Core	5.80	13	<3	5	102.2	135.4	128.9	20	2.0	269.9	30.3	82	7.20	115	16.9	6.1	18	<0.5	38.1	<0.5
3209300	Drill Core	8.01	11	<3	6	100.7	89.6	107.8	13	1.6	245.7	21.7	79	6.14	98	16.4	5.4	13	<0.5	33.6	<0.5
3209301	Drill Core	7.89	9	5	7	110.3	80.2	108.1	11	1.8	276.2	29.0	84	5.45	116	19.5	6.7	19	<0.5	36.6	<0.5



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CERTIFICATE OF ANALYSIS

WHI18000985.1

	Method Analyte Unit MDL	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF725	LF725
		V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	SiO2	Al2O3
		ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%
		10	0.01	0.001	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
3209289	Drill Core	166	0.36	0.168	4.3	14.5	0.02	172	0.003	0.25	<0.01	0.11	0.6	2.84	1.1	1.9	23.40	<5	21	38.90	5.41
3209290	Drill Core	150	0.28	0.136	3.0	10.8	<0.01	148	0.003	0.19	<0.01	0.09	<0.5	12.21	0.6	2.8	>30	<5	21	23.40	2.57
3209291	Drill Core	243	0.35	0.172	6.6	19.2	0.04	194	0.004	0.38	<0.01	0.12	0.6	1.99	1.4	1.6	14.58	<5	21	44.80	8.10
3209292	Drill Core	179	0.30	0.136	4.1	16.2	0.02	156	0.003	0.28	<0.01	0.13	<0.5	2.54	0.9	1.1	24.50	<5	16	34.00	5.66
3209293	Drill Core	166	0.21	0.107	2.7	15.0	0.02	182	0.003	0.24	<0.01	0.11	<0.5	8.10	0.9	1.1	25.51	<5	15	35.90	5.03
3209294	Rock	34	0.80	0.046	5.9	2.6	0.60	77	0.108	1.29	0.14	0.13	<0.5	0.15	6.0	<0.5	0.07	<5	<2	69.40	14.00
3209295	Drill Core	197	0.17	0.092	3.4	12.6	0.02	211	0.003	0.29	<0.01	0.13	<0.5	2.54	1.3	1.4	13.90	<5	16	57.40	5.54
3209296	Drill Core	204	0.22	0.110	5.5	17.9	0.02	275	0.005	0.38	<0.01	0.18	<0.5	1.62	1.3	1.9	10.34	<5	16	60.40	8.06
3209297	Drill Core	167	0.28	0.123	5.0	16.1	0.02	273	0.003	0.38	<0.01	0.16	<0.5	1.54	1.0	1.4	13.12	<5	15	55.80	8.40
3209298	Drill Core	128	0.21	0.098	6.9	12.1	0.04	209	0.002	0.33	<0.01	0.14	<0.5	0.99	0.9	1.5	8.41	<5	12	62.30	9.94
3209299	Drill Core	142	0.23	0.099	5.6	10.4	0.02	284	0.004	0.37	<0.01	0.17	<0.5	0.99	1.2	1.8	8.54	<5	15	59.80	10.70
3209300	Drill Core	161	0.14	0.072	7.3	11.5	0.02	286	0.005	0.37	<0.01	0.19	<0.5	0.83	1.0	1.5	7.31	<5	13	64.00	9.29
3209301	Drill Core	150	0.25	0.128	7.1	11.8	0.02	287	0.003	0.39	<0.01	0.20	<0.5	0.89	1.3	1.8	6.41	<5	15	65.50	9.97



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CERTIFICATE OF ANALYSIS

WHI18000985.1

Method	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC006	TC000	TC000
Analyte	Fe2O3	CaO	MgO	K2O	MnO	TiO2	P2O5	Cr2O3	Ba	Cu	Pb	Zn	LOI	SUM_T	CO2	TOT/C	TOT/S
Unit	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
MDL	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-5.11	0.01	0.02	0.02
3209289	Drill Core	30.10	0.58	0.26	1.41	0.04	0.28	0.38	0.01	0.19	<0.01	0.02	0.03	21.62	99.36	0.05	5.82
3209290	Drill Core	45.60	0.44	0.14	0.68	0.05	0.12	0.31	<0.01	0.09	0.02	0.03	0.32	25.85	99.83	0.02	5.82
3209291	Drill Core	18.70	0.56	0.39	2.00	0.03	0.39	0.39	0.02	0.24	<0.01	<0.01	0.02	22.55	98.30	<0.02	11.55
3209292	Drill Core	31.60	0.48	0.26	1.47	0.04	0.28	0.35	0.01	0.19	<0.01	0.01	<0.01	24.91	99.42	0.02	8.16
3209293	Drill Core	32.90	0.36	0.24	1.32	0.04	0.25	0.26	<0.01	0.18	<0.01	0.02	0.01	22.42	99.05	<0.02	5.13
3209294	Rock	3.71	2.51	1.22	1.96	0.12	0.38	0.10	<0.01	0.09	<0.01	<0.01	<0.01	1.31	99.19	0.31	0.15
3209295	Drill Core	18.00	0.28	0.26	1.45	0.04	0.28	0.20	<0.01	0.20	0.01	<0.01	<0.01	15.02	98.80	0.06	5.37
3209296	Drill Core	13.30	0.32	0.35	2.11	0.04	0.39	0.23	0.01	0.28	<0.01	<0.01	<0.01	13.38	98.97	<0.02	5.31
3209297	Drill Core	17.00	0.39	0.37	2.18	0.04	0.42	0.28	<0.01	0.29	<0.01	<0.01	<0.01	13.61	98.92	<0.02	4.04
3209298	Drill Core	10.80	0.32	0.50	2.51	0.04	0.52	0.22	0.01	0.32	<0.01	<0.01	<0.01	11.80	99.40	0.02	4.73
3209299	Drill Core	10.90	0.32	0.45	2.79	0.04	0.53	0.23	0.01	0.35	<0.01	<0.01	<0.01	12.84	99.10	0.02	5.82
3209300	Drill Core	9.39	0.24	0.40	2.44	0.04	0.47	0.16	0.01	0.31	<0.01	<0.01	<0.01	12.03	98.88	<0.02	5.81
3209301	Drill Core	8.32	0.36	0.41	2.60	0.04	0.48	0.26	0.01	0.32	<0.01	<0.01	<0.01	11.18	99.56	0.05	5.71



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Project:

MacMillan Pass

Report Date:

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QUALITY CONTROL REPORT

WHI18000985.1

	Method	WGHT	FA330	FA330	FA330	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Wgt	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi
	Unit	kg	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	2	3	2	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
3209294	Rock	0.76	3	<3	<2	1.0	10.1	1.7	37	<0.5	3.4	5.8	609	2.14	<5	<0.5	2.0	28	<0.5	<0.5	<0.5
Pulp Duplicates																					
3209289	Drill Core	5.37	18	4	7	101.4	395.1	231.0	258	4.2	240.5	31.6	60	19.39	272	28.6	4.3	32	1.8	52.6	<0.5
REP 3209289	QC																				
3209297	Drill Core	8.06	15	<3	5	68.4	140.3	165.2	21	2.5	304.8	25.2	92	11.16	130	15.3	5.8	21	<0.5	40.0	<0.5
REP 3209297	QC		14	3	7																
3209298	Drill Core	7.10	11	<3	7	82.9	116.6	126.3	13	1.9	235.9	25.0	75	7.15	107	16.7	6.1	18	<0.5	33.2	<0.5
REP 3209298	QC																				
REP 3209301	QC																				
Core Reject Duplicates																					
3209301	Drill Core	7.89	9	5	7	110.3	80.2	108.1	11	1.8	276.2	29.0	84	5.45	116	19.5	6.7	19	<0.5	36.6	<0.5
DUP 3209301	QC		9	7	8	102.2	83.4	100.8	10	1.7	243.3	30.8	77	5.35	110	19.5	6.5	19	<0.5	34.4	<0.5
Reference Materials																					
STD COO1	Standard																				
STD COO1	Standard																				
STD GBM309-15	Standard																				
STD GBM398-4-AR	Standard					911.0	3990.3	11384.9	5274	50.4	4133.6	2094.9	5215	3.76	6	0.6	0.8	13	9.6	6.9	12.8
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD OREAS133B(D)	Standard																				
STD OREAS72B	Standard																				
STD OREAS927-AR	Standard					1.1	10886.4	222.4	719	4.3	31.5	32.0	1046	7.95	14	1.8	12.3	13	1.2	1.4	67.0
STD PD05	Standard		507	446	612																
STD PG04	Standard		991	949	1232																
STD SY-4(D)	Standard																				
STD GBM309-15 Expected																					
STD GBM398-4-AR Expected						917	3919	11750	5345	49.2	4135	1950	5260	3.95	6	0.7	0.8	13	9.2	7.2	12.9



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QUALITY CONTROL REPORT

WHI18000985.1

	Method Analyte Unit MDL	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF725	LF725
		V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	SiO2	Al2O3
		ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%
		10	0.01	0.001	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
3209294	Rock	34	0.80	0.046	5.9	2.6	0.60	77	0.108	1.29	0.14	0.13	<0.5	0.15	6.0	<0.5	0.07	<5	<2	69.40	14.00
Pulp Duplicates																					
3209289	Drill Core	166	0.36	0.168	4.3	14.5	0.02	172	0.003	0.25	<0.01	0.11	0.6	2.84	1.1	1.9	23.40	<5	21	38.90	5.41
REP 3209289	QC																				
3209297	Drill Core	167	0.28	0.123	5.0	16.1	0.02	273	0.003	0.38	<0.01	0.16	<0.5	1.54	1.0	1.4	13.12	<5	15	55.80	8.40
REP 3209297	QC																				
3209298	Drill Core	128	0.21	0.098	6.9	12.1	0.04	209	0.002	0.33	<0.01	0.14	<0.5	0.99	0.9	1.5	8.41	<5	12	62.30	9.94
REP 3209298	QC																			62.40	9.97
REP 3209301	QC																			65.30	9.86
Core Reject Duplicates																					
3209301	Drill Core	150	0.25	0.128	7.1	11.8	0.02	287	0.003	0.39	<0.01	0.20	<0.5	0.89	1.3	1.8	6.41	<5	15	65.50	9.97
DUP 3209301	QC	158	0.25	0.117	7.7	12.5	0.02	303	0.005	0.44	<0.01	0.21	<0.5	0.85	1.0	1.7	6.30	<5	16	65.60	9.88
Reference Materials																					
STD COO1	Standard																				
STD COO1	Standard																				
STD GBM309-15	Standard																				
STD GBM398-4-AR	Standard	25	0.33	0.018	2.5	2023.9	0.11	19	0.111	0.46	0.24	0.09	3.0	3.17	2.0	<0.5	0.95	<5	3		
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD OREAS133B(D)	Standard																			33.50	6.80
STD OREAS72B	Standard																			51.40	8.96
STD OREAS927-AR	Standard	34	0.28	0.053	26.3	41.2	1.90	46	0.080	3.21	<0.01	0.29	5.4	0.15	6.0	<0.5	1.73	9	17		
STD PD05	Standard																				
STD PG04	Standard																				
STD SY-4(D)	Standard																			49.60	20.70
STD GBM309-15 Expected																					
STD GBM398-4-AR Expected		24	0.34	0.02	2.8	1950	0.12	21	0.111	0.48	0.25	0.11	3	3.21	1.79		0.94		3		



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QUALITY CONTROL REPORT

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Method	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC006	TC000	TC000
Analyte	Fe2O3	CaO	MgO	K2O	MnO	TiO2	P2O5	Cr2O3	Ba	Cu	Pb	Zn	LOI	SUM_T	CO2	TOT/C	TOT/S
Unit	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
MDL	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-5.11	0.01	0.02	0.02	0.02
3209294 Rock	3.71	2.51	1.22	1.96	0.12	0.38	0.10	<0.01	0.09	<0.01	<0.01	<0.01	1.31	99.19	0.31	0.15	0.07
Pulp Duplicates																	
3209289 Drill Core	30.10	0.58	0.26	1.41	0.04	0.28	0.38	0.01	0.19	<0.01	0.02	0.03	21.62	99.36	0.05	5.82	24.63
REP 3209289 QC															0.02		
3209297 Drill Core	17.00	0.39	0.37	2.18	0.04	0.42	0.28	<0.01	0.29	<0.01	<0.01	<0.01	13.61	98.92	<0.02	4.04	13.52
REP 3209297 QC																	
3209298 Drill Core	10.80	0.32	0.50	2.51	0.04	0.52	0.22	0.01	0.32	<0.01	<0.01	<0.01	11.80	99.40	0.02	4.73	8.59
REP 3209298 QC	10.80	0.32	0.49	2.50	0.04	0.48	0.22	0.01	0.32	<0.01	<0.01	<0.01	11.80	99.46			
REP 3209301 QC	8.20	0.36	0.41	2.55	0.03	0.47	0.26	0.01	0.32	<0.01	<0.01	<0.01	11.18	99.05			
Core Reject Duplicates																	
3209301 Drill Core	8.32	0.36	0.41	2.60	0.04	0.48	0.26	0.01	0.32	<0.01	<0.01	<0.01	11.18	99.56	0.05	5.71	6.41
DUP 3209301 QC	8.27	0.36	0.41	2.58	0.04	0.47	0.26	0.01	0.33	<0.01	<0.01	<0.01	11.18	99.51	0.03	5.61	6.33
Reference Materials																	
STD COO1 Standard															2.34		
STD COO1 Standard															2.33		
STD GBM309-15 Standard																0.25	27.50
STD GBM398-4-AR Standard																	
STD GS311-1 Standard																0.99	2.27
STD GS311-1 Standard																0.98	2.38
STD GS910-4 Standard																2.65	8.27
STD GS910-4 Standard																2.66	8.24
STD OREAS133B(D) Standard	11.50	5.31	3.71	3.44	0.16	0.23	0.10	<0.01	0.07	0.03	5.06	11.33	13.00	97.42			
STD OREAS72B Standard	9.87	3.99	15.90	1.33	0.15	0.36	0.06	0.15	0.03	0.02	<0.01	<0.01	5.12	98.66			
STD OREAS927-AR Standard																	
STD PD05 Standard																	
STD PG04 Standard																	
STD SY-4(D) Standard	6.17	8.00	0.53	1.66	0.11	0.29	0.18	<0.01	0.03	<0.01	<0.01	0.03	4.56	98.78			
STD GBM309-15 Expected																0.22	28.84
STD GBM398-4-AR Expected																	



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		WGHT	FA330	FA330	FA330	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
		Wgt	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi
		kg	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	3	2	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
STD OREAS927-AR Expected						1.06	10715	212	726	4.9	30.9	29.4	1110	8.15	13.5	1.7	12.5	13.1	1.1	1.3	66
STD COO1 Expected																					
STD PD05 Expected		519		430	596																
STD PG04 Expected		1004		903	1196																
STD SY-4(D) Expected																					
STD OREAS72B Expected																					
STD OREAS133B(D) Expected																					
STD GS311-1 Expected																					
STD GS910-4 Expected																					
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
BLK	Blank																				
BLK	Blank	3		<3	<2																
BLK	Blank	3		<3	<2																
SI BLK	Blank																				
BLK	Blank																				
Prep Wash																					
ROCK-WHI	Prep Blank	2		<3	<2	1.3	5.3	1.8	33	<0.5	1.4	4.4	539	1.96	<5	<0.5	2.2	26	<0.5	<0.5	<0.5
ROCK-WHI	Prep Blank	3		<3	<2	1.4	4.5	1.7	39	<0.5	1.7	3.9	618	1.93	<5	0.5	2.4	32	<0.5	<0.5	<0.5



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		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF725	LF725
		V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	SiO ₂	Al ₂ O ₃
		ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%
		10	0.01	0.001	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
STD OREAS927-AR Expected		34	0.3	0.054	26.9	41.7	1.94	51.4	0.085	3.25	0.011	0.27	4.9	0.12	4.74		1.77	9.09	15.5		
STD COO1 Expected																					
STD PD05 Expected																					
STD PG04 Expected																					
STD SY-4(D) Expected																				49.9	20.69
STD OREAS72B Expected																				51.16	8.97
STD OREAS133B(D) Expected																				33.83	6.91
STD GS311-1 Expected																					
STD GS910-4 Expected																					
BLK	Blank																				
BLK	Blank	<10	<0.01	0.002	<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																				
SI BLK	Blank																			98.90	0.33
BLK	Blank																				
Prep Wash																					
ROCK-WHI	Prep Blank	27	0.69	0.045	6.4	2.0	0.43	70	0.098	1.02	0.12	0.12	<0.5	<0.05	5.2	<0.5	<0.05	<5	<2	70.80	13.90
ROCK-WHI	Prep Blank	25	0.76	0.048	7.2	2.6	0.46	74	0.098	1.09	0.16	0.14	<0.5	<0.05	6.9	<0.5	<0.05	<5	<2	70.60	13.80



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		LF725 Fe2O3 %	LF725 CaO %	LF725 MgO %	LF725 K2O %	LF725 MnO %	LF725 TiO2 %	LF725 P2O5 %	LF725 Cr2O3 %	LF725 Ba %	LF725 Cu %	LF725 Pb %	LF725 Zn %	LF725 LOI %	LF725 SUM_T %	TC006 CO2 %	TC000 TOT/C %	TC000 TOT/S %
		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-5.11	0.01	0.02	0.02	0.02
STD OREAS927-AR Expected																		
STD COO1 Expected		2.37																
STD PD05 Expected																		
STD PG04 Expected																		
STD SY-4(D) Expected		6.21		0.54	1.66	0.108	0.287	0.131		0.0345				4.56				
STD OREAS72B Expected		9.724	3.96	15.933	1.313	0.13	0.355	0.061	0.142	0.0335	0.0193			5.12				
STD OREAS133B(D) Expected		11.67	5.4	3.73						0.08	0.032	5.06	11.35					
STD GS311-1 Expected		1.02 2.35																
STD GS910-4 Expected		2.65 8.27																
BLK	Blank	<0.02 <0.02																
BLK	Blank																	
BLK	Blank	<0.02																
BLK	Blank																	
BLK	Blank																	
SI BLK	Blank	0.02	0.01	0.03	0.02	0.02	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.00	99.37			
BLK	Blank	<0.02 <0.02																
Prep Wash																		
ROCK-WHI	Prep Blank	3.31	2.24	0.91	2.01	0.11	0.39	0.09	<0.01	0.09	<0.01	<0.01	<0.01	1.03	99.39	0.29	0.10	0.02
ROCK-WHI	Prep Blank	3.25	2.32	0.89	1.96	0.11	0.38	0.09	<0.01	0.09	<0.01	<0.01	<0.01	1.08	99.13	0.32	0.13	0.04