



**BUREAU VERITAS** MINERAL LABORATORIES  
Canada

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

**Client:** **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 06, 2018  
Report Date: November 02, 2018  
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## CERTIFICATE OF ANALYSIS

WHI18000860.1

### CLIENT JOB INFORMATION

Project: MacMillan Pass  
Shipment ID: FWZ18-BV-029  
P.O. Number  
Number of Samples: 53

### 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	52	Crush, split and pulverize 500g rock to 200 mesh			WHI
SLBHP	1	Sort, label and box pulps			WHI
CRUBW	52	Extra clean rock wash between samples in crusher			WHI
PULSW	52	Extra Wash with Silica between each sample			WHI
FA330	52	Fire assay fusion Au Pt Pd by ICP-ES	30	Completed	VAN
EN002	53	Environmental disposal charge-Fire assay lead waste			VAN
AQ270	53	1:1:1 Aqua Regia digestion ICP-ES/ICP-MS analysis	1	Completed	VAN
LF725	53	Li2B4O7/LiBO2 fusion, analysis by XRF		Completed	VAN
TC006	53	15% HClO4 leach, CO2 analysis by Leco	0.2	Completed	VAN
TC003	53	Analysis by Leco	0.1	Completed	VAN
SHP01	53	Per sample shipping charges for branch shipments			VAN
LF726	4	Li2B4O7/LiBO2 fusion, analysis by XRF		Completed	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

WHI18000860.1

	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
3207205	Drill Core	2.97	6	3	4	65.5	87.0	104.6	6534	2.0	185.2	11.4	12082	29.07	27	23.1	2.0	29	30.5	8.1	<0.5
3207206	Drill Core	1.11	5	<3	3	38.9	39.9	40.1	17848	1.3	76.6	5.0	11318	17.86	11	11.9	1.6	66	131.2	4.5	<0.5
3207207	Drill Core	1.92	6	<3	<2	35.5	62.6	15.0	22287	1.3	65.7	3.4	15438	26.78	14	5.8	0.6	31	146.4	4.1	<0.5
3207208	Drill Core	2.05	10	3	4	43.8	146.9	40.2	52032	2.9	124.6	5.6	16823	32.69	154	8.3	0.9	11	370.2	8.2	<0.5
3207209	Drill Core	2.88	12	<3	7	99.3	84.1	190.0	34179	2.5	109.3	5.1	8456	16.41	108	8.6	1.6	74	250.0	13.8	<0.5
3207210	Drill Core	2.28	9	4	4	32.1	56.7	19.2	1034	<0.5	52.3	2.3	6502	10.63	25	3.8	1.7	89	5.8	21.5	<0.5
3207211	Drill Core	1.89	4	<3	<2	14.8	53.9	14.4	219	<0.5	44.9	1.5	14229	24.26	50	3.3	<0.5	50	1.3	6.4	<0.5
3207212	Drill Core	1.77	4	6	6	28.0	196.9	67.4	847	1.5	142.2	9.9	13096	28.35	242	8.3	0.7	42	5.2	6.9	<0.5
3207213	Rock	0.81	<2	<3	<2	1.0	4.1	1.7	33	<0.5	1.0	3.9	617	1.99	<5	<0.5	2.1	30	<0.5	<0.5	<0.5
3207214	Drill Core	2.54	6	7	3	104.0	29.3	90.9	330	0.7	94.4	3.3	4844	7.39	29	8.5	3.1	163	2.2	3.7	<0.5
3207215	Drill Core	2.94	9	10	3	51.3	9.6	110.8	945	0.8	57.9	2.4	4092	6.07	48	6.8	2.8	174	10.5	3.8	<0.5
3207216	Drill Core	2.09	13	9	36	36.7	6.5	66.4	232	0.5	49.6	2.6	3492	5.32	29	7.4	3.0	179	3.5	4.7	<0.5
3207217	Drill Core	1.82	7	10	18	40.1	60.5	83.5	5129	1.0	65.4	3.0	4937	7.47	32	5.9	2.2	189	45.3	2.8	<0.5
3207218	Drill Core	2.34	7	10	10	40.8	94.1	98.3	10133	1.1	82.9	4.1	4857	8.35	75	6.5	1.9	186	61.7	4.3	<0.5
3207219	Drill Core	2.79	9	10	23	11.1	103.0	111.8	7897	0.8	55.7	2.2	5424	9.30	47	2.4	0.8	217	43.6	3.0	<0.5
3207220	Drill Core	2.06	4	6	6	6.9	3.2	130.6	384	<0.5	34.5	1.2	6441	9.22	11	2.6	0.9	215	2.0	1.7	<0.5
3207221	Drill Core	2.83	4	4	<2	10.9	36.3	103.2	394	<0.5	56.8	2.6	6928	9.64	36	2.8	1.0	215	2.1	2.1	<0.5
3207222	Drill Core	3.65	9	8	13	34.5	131.9	1706.3	144	4.4	144.6	12.1	8041	16.27	43	6.9	2.0	86	0.6	9.9	<0.5
3207223	Drill Core	2.93	6	6	7	68.8	88.9	1188.4	78	3.0	128.3	8.6	5923	11.07	23	9.4	2.5	145	<0.5	7.2	<0.5
3207224	Drill Core	2.58	6	10	5	56.0	248.4	396.7	116	2.3	174.9	18.7	3802	11.57	143	7.3	2.0	162	0.5	13.0	<0.5
3207225	Drill Core	2.18	6	10	3	58.5	32.0	126.3	54	0.6	93.0	4.5	2192	4.20	32	7.9	2.1	172	<0.5	3.4	<0.5
3207226	Drill Core	1.93	6	6	2	64.4	104.5	27.0	34	1.0	102.8	6.3	3175	6.99	103	8.9	2.2	184	<0.5	6.1	<0.5
3207227	Drill Core	3.91	8	<3	3	70.5	23.4	56.6	28	0.7	140.9	6.3	2233	3.92	55	10.9	2.9	181	<0.5	8.0	<0.5
3207228	Drill Core	2.01	8	6	4	104.2	48.6	52.1	37	1.4	217.6	4.9	2909	5.61	56	23.1	2.3	145	<0.5	9.5	<0.5
3207229	Drill Core	2.31	7	<3	9	4.9	52.0	23.6	25	<0.5	55.8	8.3	730	2.28	7	3.1	6.6	51	<0.5	3.9	<0.5
3207230	Drill Core	2.86	7	<3	7	4.6	89.1	37.3	29	0.5	60.5	10.8	1031	4.31	22	1.7	6.2	13	<0.5	6.1	<0.5
3207231	Drill Core	3.14	7	<3	7	4.7	81.2	32.5	317	<0.5	69.2	11.4	2131	7.07	82	2.3	5.4	10	2.9	5.1	<0.5
3207232	Drill Core	3.23	11	<3	4	6.0	104.1	208.2	33	1.0	87.4	14.8	958	5.01	41	2.6	6.7	11	<0.5	9.8	<0.5
3207233	Drill Core	2.81	13	4	10	7.0	51.4	656.3	1683	1.2	93.9	13.8	722	3.50	21	4.2	6.8	11	14.5	15.0	<0.5
3207234	Drill Core	2.65	11	<3	3	1.9	155.6	>40000	87017	92.5	10.2	5.1	2769	13.68	46	<0.5	1.0	<5	636.6	158.2	<0.5



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	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
3207205	Drill Core	339	1.97	0.119	27.4	33.5	0.35	168	0.003	0.26	<0.01	0.10	0.7	2.01	3.9	<0.5	0.21	<5	9	31.00	2.93
3207206	Drill Core	141	5.43	0.046	7.2	13.4	1.94	65	0.002	0.16	<0.01	0.07	0.9	4.55	2.1	<0.5	0.81	<5	6	32.90	2.49
3207207	Drill Core	213	1.86	0.028	4.9	15.0	1.75	36	0.001	0.10	<0.01	0.03	<0.5	5.50	1.2	<0.5	1.97	<5	5	20.70	1.01
3207208	Drill Core	217	1.32	0.032	3.9	11.2	1.37	56	0.001	0.13	<0.01	0.05	<0.5	13.49	1.0	<0.5	7.61	<5	18	6.96	1.17
3207209	Drill Core	230	5.04	0.068	5.7	14.0	2.12	80	0.002	0.18	<0.01	0.08	<0.5	9.66	1.6	<0.5	5.00	<5	18	32.10	2.49
3207210	Drill Core	165	6.60	0.033	8.7	12.9	2.03	55	0.002	0.12	<0.01	0.06	<0.5	0.31	1.3	<0.5	0.84	<5	<2	46.30	1.83
3207211	Drill Core	118	6.18	0.023	3.3	5.4	2.70	27	<0.001	0.06	<0.01	0.02	<0.5	0.07	<0.5	<0.5	1.37	<5	3	17.00	0.52
3207212	Drill Core	161	3.90	0.029	3.3	8.7	2.29	40	0.003	0.12	<0.01	0.04	<0.5	0.30	0.9	<0.5	7.77	<5	20	13.20	0.94
3207213	Rock	30	0.85	0.038	6.2	1.7	0.55	67	0.102	1.23	0.14	0.13	<0.5	<0.05	4.5	<0.5	<0.05	<5	<2	69.90	14.00
3207214	Drill Core	366	12.21	0.073	18.6	22.6	4.45	112	0.003	0.31	<0.01	0.11	<0.5	0.14	2.2	<0.5	0.11	<5	3	22.80	3.61
3207215	Drill Core	293	12.62	0.043	14.8	16.7	4.73	94	0.002	0.21	<0.01	0.12	<0.5	0.40	1.9	<0.5	0.07	<5	4	23.80	3.34
3207216	Drill Core	258	11.18	0.054	12.3	15.0	4.45	102	0.002	0.23	<0.01	0.12	<0.5	0.20	2.2	<0.5	0.34	<5	<2	30.20	3.90
3207217	Drill Core	363	12.77	0.049	9.5	15.4	4.48	93	0.003	0.23	<0.01	0.11	<0.5	1.42	2.1	<0.5	0.64	<5	5	23.20	3.21
3207218	Drill Core	377	12.39	0.058	7.2	18.7	4.62	96	0.002	0.29	<0.01	0.12	<0.5	2.64	2.0	<0.5	1.82	<5	10	20.00	3.23
3207219	Drill Core	202	15.86	0.047	3.6	9.8	5.27	50	0.001	0.13	<0.01	0.06	<0.5	2.30	1.4	<0.5	1.60	<5	7	13.70	1.51
3207220	Drill Core	176	17.38	0.036	5.4	8.5	5.37	57	0.001	0.11	<0.01	0.06	<0.5	0.14	1.3	<0.5	<0.05	<5	<2	11.00	1.53
3207221	Drill Core	223	17.27	0.062	4.7	10.9	5.38	58	0.001	0.14	<0.01	0.07	<0.5	0.12	1.0	<0.5	0.65	<5	2	9.67	1.67
3207222	Drill Core	319	5.75	0.205	8.2	36.3	2.44	103	0.003	0.38	<0.01	0.13	<0.5	0.10	2.9	<0.5	2.22	<5	12	29.80	3.45
3207223	Drill Core	483	7.34	0.094	9.2	24.6	3.01	119	0.002	0.41	<0.01	0.15	<0.5	0.06	2.5	<0.5	1.19	<5	12	36.10	3.99
3207224	Drill Core	396	6.99	0.044	4.8	16.8	2.92	97	0.002	0.43	<0.01	0.12	<0.5	0.20	1.9	<0.5	6.10	<5	30	38.00	3.46
3207225	Drill Core	186	8.28	0.037	7.7	8.0	3.46	93	0.001	0.19	<0.01	0.11	<0.5	0.06	2.0	<0.5	0.71	<5	8	48.20	3.46
3207226	Drill Core	169	8.33	0.049	5.9	8.4	3.27	92	0.001	0.21	<0.01	0.11	1.9	0.12	1.4	<0.5	2.57	<5	17	42.10	3.56
3207227	Drill Core	194	9.05	0.044	10.8	8.6	3.95	112	0.002	0.25	<0.01	0.15	<0.5	0.11	1.9	0.6	0.79	<5	6	42.20	4.55
3207228	Drill Core	209	8.24	0.085	10.7	11.1	2.60	114	0.002	0.23	<0.01	0.11	0.8	0.15	2.9	1.2	1.08	<5	11	45.60	3.60
3207229	Drill Core	42	1.33	0.048	19.5	9.6	0.44	238	0.005	0.50	<0.01	0.24	0.7	0.13	2.9	<0.5	0.74	<5	<2	72.20	10.70
3207230	Drill Core	33	0.24	0.049	18.0	9.7	0.29	266	0.002	0.45	<0.01	0.24	<0.5	0.18	2.8	<0.5	1.28	<5	5	71.10	10.90
3207231	Drill Core	34	0.17	0.060	16.0	8.3	0.42	246	0.004	0.43	<0.01	0.22	<0.5	0.21	4.0	<0.5	1.56	<5	4	66.30	9.89
3207232	Drill Core	30	0.17	0.054	16.8	8.5	0.16	266	0.004	0.49	<0.01	0.26	<0.5	0.10	2.0	<0.5	2.45	<5	6	70.30	10.70
3207233	Drill Core	32	0.17	0.060	17.3	7.0	0.10	270	0.002	0.41	<0.01	0.21	<0.5	0.90	1.4	<0.5	1.92	<5	4	72.10	11.50
3207234	Drill Core	15	0.08	0.013	2.8	4.5	0.23	101	<0.001	0.10	<0.01	0.06	<0.5	48.93	1.7	1.1	14.18	<5	<2	42.10	1.73



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Method	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC006	TC000	TC000	LF726
Analyte	Fe2O3	CaO	MgO	K2O	MnO	TiO2	P2O5	Cr2O3	Ba	Cu	Pb	Zn	LOI	SUM_T	CO2	TOT/C	TOT/S	Pb
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	0.1
3207205	Drill Core	44.50	2.77	0.64	0.70	1.51	0.25	0.29	<0.01	0.05	0.01	0.01	0.67	13.24	98.74	2.36	3.53	0.20
3207206	Drill Core	27.20	7.86	3.38	0.63	1.45	0.12	0.10	<0.01	0.04	<0.01	<0.01	1.86	19.00	97.49	15.87	7.24	0.82
3207207	Drill Core	40.90	2.66	2.96	0.22	1.94	0.06	0.06	<0.01	<0.01	<0.01	<0.01	2.28	25.01	98.37	25.08	9.21	2.10
3207208	Drill Core	48.70	1.86	2.33	0.29	2.10	0.05	0.07	<0.01	<0.01	0.01	<0.01	5.37	28.97	99.20	26.10	8.94	7.68
3207209	Drill Core	24.10	7.03	3.56	0.58	1.04	0.14	0.14	<0.01	0.04	<0.01	0.02	3.42	18.11	93.62	18.02	8.25	5.10
3207210	Drill Core	15.70	9.24	3.45	0.47	0.82	0.10	0.08	<0.01	0.02	<0.01	<0.01	0.11	18.97	97.12	15.87	8.37	0.85
3207211	Drill Core	37.30	8.93	4.65	0.14	1.78	0.02	0.05	0.02	<0.01	<0.01	<0.01	0.02	26.30	96.74	26.59	9.27	1.36
3207212	Drill Core	43.50	5.68	3.93	0.21	1.66	0.05	0.07	<0.01	<0.01	<0.01	<0.01	0.09	25.08	94.48	24.62	8.62	7.92
3207213	Rock	3.51	2.49	1.05	1.94	0.10	0.36	0.10	<0.01	0.08	<0.01	<0.01	<0.01	1.25	99.27	0.31	0.14	0.02
3207214	Drill Core	11.40	18.20	7.95	0.88	0.63	0.19	0.15	<0.01	0.06	<0.01	<0.01	0.03	32.66	98.59	26.15	13.81	0.13
3207215	Drill Core	9.29	18.90	8.49	0.89	0.53	0.17	0.11	<0.01	0.06	<0.01	<0.01	0.10	33.33	99.07	28.34	13.59	0.08
3207216	Drill Core	8.05	16.60	7.83	1.02	0.45	0.21	0.13	<0.01	0.07	<0.01	<0.01	0.02	30.58	99.11	17.27	12.86	0.34
3207217	Drill Core	11.20	18.60	7.85	0.81	0.63	0.16	0.12	<0.01	0.05	<0.01	<0.01	0.53	31.87	98.38	24.33	12.91	0.64
3207218	Drill Core	12.90	18.60	8.21	0.80	0.62	0.16	0.14	<0.01	0.05	<0.01	0.01	1.09	30.95	97.05	27.78	13.03	1.92
3207219	Drill Core	13.90	23.00	9.26	0.39	0.70	0.06	0.09	<0.01	0.02	0.01	<0.01	0.84	33.25	96.94	25.94	11.43	1.65
3207220	Drill Core	13.90	25.10	9.52	0.40	0.82	0.06	0.09	<0.01	0.02	<0.01	0.01	0.04	36.76	99.27	37.11	11.91	0.03
3207221	Drill Core	14.60	24.90	9.51	0.44	0.89	0.08	0.13	<0.01	0.02	<0.01	<0.01	0.04	35.36	97.32	33.48	12.24	0.65
3207222	Drill Core	24.30	8.12	4.19	0.84	1.00	0.16	0.50	<0.01	0.04	<0.01	0.17	0.02	24.27	96.93	12.11	11.12	2.32
3207223	Drill Core	16.50	10.40	5.17	0.98	0.75	0.19	0.21	<0.01	0.06	<0.01	0.12	<0.01	22.47	96.98	18.18	9.74	1.19
3207224	Drill Core	17.20	9.92	4.97	0.81	0.48	0.17	0.11	<0.01	0.04	0.01	0.03	0.01	19.40	94.67	16.98	8.02	6.17
3207225	Drill Core	6.31	12.10	5.95	0.92	0.30	0.17	0.09	<0.01	0.06	<0.01	<0.01	<0.01	21.21	98.81	17.24	8.27	0.72
3207226	Drill Core	10.50	12.10	5.67	0.95	0.41	0.18	0.10	<0.01	0.06	<0.01	<0.01	<0.01	21.30	96.98	18.00	8.69	2.71
3207227	Drill Core	5.92	13.30	6.89	1.21	0.27	0.23	0.11	<0.01	0.08	<0.01	<0.01	<0.01	23.36	98.16	17.01	9.48	0.80
3207228	Drill Core	8.26	11.80	4.45	0.95	0.37	0.19	0.20	<0.01	0.06	<0.01	<0.01	<0.01	22.13	97.66	14.23	10.97	1.13
3207229	Drill Core	3.64	1.93	0.89	2.64	0.10	0.58	0.10	<0.01	0.24	<0.01	<0.01	<0.01	5.21	98.36	2.78	2.15	0.73
3207230	Drill Core	6.49	0.36	0.69	2.64	0.12	0.58	0.11	<0.01	0.24	<0.01	<0.01	<0.01	6.29	99.67	2.48	2.02	1.31
3207231	Drill Core	10.60	0.26	0.86	2.44	0.28	0.53	0.13	<0.01	0.22	<0.01	<0.01	0.03	8.11	99.80	4.61	2.52	1.59
3207232	Drill Core	7.42	0.24	0.47	2.70	0.11	0.59	0.13	<0.01	0.25	<0.01	0.02	<0.01	6.27	99.33	1.96	1.79	2.50
3207233	Drill Core	5.29	0.24	0.38	2.93	0.09	0.65	0.15	<0.01	0.31	0.01	0.06	0.17	5.42	99.50	1.27	1.62	1.86
3207234	Drill Core	18.90	0.10	0.39	0.42	0.34	0.09	0.03	<0.01	0.04	0.01	11.79	8.43	12.14	99.51	4.25	1.58	13.66



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**Project:** MacMillan Pass  
**Report Date:** November 02, 2018

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# CERTIFICATE OF ANALYSIS

WHI18000860.1

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
3207235	Drill Core	2.98	5	4	2	0.6	302.6	>40000	57779	67.0	9.4	7.2	7754	28.02	58	1.3	<0.5	31	433.3	98.4	<0.5
3207236	Drill Core	3.18	10	<3	<2	0.9	254.9	>40000	61098	192.4	14.7	18.6	4752	20.80	63	1.0	0.6	13	465.5	264.1	<0.5
3207237	Drill Core	3.65	13	11	6	2.4	313.7	>40000	45825	235.1	65.7	7.6	2995	24.28	86	1.7	<0.5	17	380.9	330.9	<0.5
3207238	Drill Core	4.06	13	6	<2	1.1	293.5	>40000	48699	253.6	9.8	10.4	1632	23.68	99	<0.5	<0.5	24	401.3	369.4	<0.5
3207239	Drill Core	1.74	11	4	6	1.3	253.2	>40000	68521	216.8	8.1	5.9	2473	20.66	64	<0.5	0.8	36	545.4	316.8	<0.5
3207240	Drill Core	1.78	9	14	9	1.8	116.9	>40000>200000	195.6	8.5	9.5	575	5.12	29	0.7	1.2	<5	1700.5	266.8	<0.5	
3207241	Drill Core	1.14	17	7	4	0.7	243.3	>40000	48023	161.9	17.5	9.5	1590	25.34	113	<0.5	<0.5	<5	354.0	248.4	<0.5
3207242	Rock Pulp	0.06	I.S.	I.S.	I.S.	3.1	352.6	>40000	105590	99.9	24.2	24.8	1288	7.58	147	1.2	5.4	18	319.5	175.7	0.6
3207243	Drill Core	1.06	4	3	3	3.5	129.4	37864.1	13512	30.5	19.1	4.9	2083	8.05	16	0.9	2.8	7	100.5	49.2	<0.5
3207244	Drill Core	1.87	20	<3	11	1.0	551.3	>40000	27585	162.9	18.3	4.3	6287	29.29	14	0.9	<0.5	<5	219.4	228.0	<0.5
3207245	Drill Core	2.12	6	<3	<2	2.5	194.9	>40000	21650	113.2	15.4	6.1	4335	15.46	<5	2.1	2.1	8	161.2	172.0	<0.5
3207246	Drill Core	2.66	15	<3	4	1.9	308.8	>40000	30848	171.2	22.1	8.1	3829	15.11	22	1.3	1.0	6	232.7	258.7	<0.5
3207247	Drill Core	1.87	34	5	5	0.9	280.3	>40000	1506	212.1	56.7	27.9	2339	27.02	49	2.1	<0.5	<5	23.4	345.8	<0.5
3207248	Drill Core	2.59	7	6	2	2.5	288.3	9808.1	947	7.5	35.4	9.4	5395	18.78	12	0.9	2.4	8	6.4	21.0	<0.5
3207249	Drill Core	2.94	15	5	2	3.7	205.6	>40000	957	83.2	36.7	8.6	5162	17.94	13	0.9	2.0	8	10.3	120.0	<0.5
3207250	Drill Core	3.18	9	<3	5	5.3	67.3	413.9	508	0.7	69.8	12.1	1641	5.56	37	4.8	4.6	73	<0.5	10.6	<0.5
3207251	Drill Core	4.33	10	<3	<2	4.2	76.2	477.9	264	1.8	68.0	9.1	1445	4.68	29	3.7	4.3	74	<0.5	8.5	<0.5
3207252	Drill Core	3.66	11	<3	<2	5.6	73.9	311.2	120	1.8	75.6	11.1	1407	4.84	6	3.1	6.0	26	<0.5	7.1	<0.5
3207253	Drill Core	3.94	11	<3	9	5.7	89.1	186.3	83	1.4	66.3	13.9	2064	6.16	107	2.3	5.8	27	<0.5	8.0	<0.5
3207254	Drill Core	4.19	18	<3	11	5.0	93.3	107.3	260	1.1	70.3	11.3	2596	6.99	26	4.1	5.7	25	<0.5	14.5	<0.5
3207255	Drill Core	4.27	13	<3	2	5.8	73.2	67.7	86	0.8	80.1	10.6	956	3.65	<5	2.0	6.3	20	<0.5	6.8	<0.5
3207256	Drill Core	2.46	12	3	4	5.0	71.9	95.9	396	0.9	74.9	10.5	1251	3.99	<5	5.7	6.1	67	<0.5	7.5	<0.5
3207257	Drill Core	3.05	12	<3	10	5.4	77.5	131.1	156	1.3	84.7	11.4	1341	4.42	6	2.8	6.1	37	<0.5	7.4	<0.5



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**Project:** MacMillan Pass  
**Report Date:** November 02, 2018

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**Part:** 2 of 3

# CERTIFICATE OF ANALYSIS

WHI18000860.1

	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
3207235	Drill Core	19	1.88	0.004	0.6	3.4	0.98	42	<0.001	0.05	<0.01	0.02	<0.5	52.19	1.3	<0.5	15.56	<5	<2	16.00	0.49
3207236	Drill Core	16	0.70	0.006	1.9	3.7	0.57	94	<0.001	0.13	<0.01	0.05	<0.5	56.00	1.7	1.3	17.75	<5	<2	15.20	1.17
3207237	Drill Core	12	0.61	0.004	0.7	2.1	0.38	63	<0.001	0.11	<0.01	0.03	<0.5	44.58	1.2	0.6	26.04	<5	<2	7.67	0.58
3207238	Drill Core	15	0.72	0.006	1.0	3.2	0.30	99	<0.001	0.17	<0.01	0.05	<0.5	45.55	1.4	1.7	29.39	<5	<2	7.50	0.96
3207239	Drill Core	20	1.03	0.011	1.9	5.0	0.43	98	<0.001	0.22	<0.01	0.05	<0.5	56.10	1.6	<0.5	24.33	<5	<2	13.00	1.26
3207240	Drill Core	11	0.03	0.008	3.0	4.3	0.05	140	<0.001	0.15	<0.01	0.06	<0.5	152.77	0.8	0.5	16.33	<5	2	33.10	1.84
3207241	Drill Core	22	0.06	0.006	0.8	4.3	0.15	37	<0.001	0.11	<0.01	0.02	<0.5	37.22	1.7	2.2	29.31	<5	<2	17.00	0.45
3207242	Rock Pulp	<10	3.63	0.042	18.1	12.3	2.02	84	0.012	0.71	<0.01	0.51	<0.5	5.04	2.9	42.9	10.84	<5	<2	34.30	6.97
3207243	Drill Core	17	0.09	0.024	9.9	6.6	0.23	197	0.001	0.29	<0.01	0.13	<0.5	11.26	1.3	<0.5	4.51	<5	3	66.50	5.71
3207244	Drill Core	19	0.15	0.008	1.1	2.9	0.61	62	<0.001	0.12	<0.01	0.04	<0.5	21.06	2.8	0.5	18.54	<5	<2	8.45	0.83
3207245	Drill Core	25	0.28	0.026	4.9	5.5	0.37	136	<0.001	0.25	<0.01	0.10	<0.5	13.53	2.6	0.6	7.53	<5	<2	37.50	4.06
3207246	Drill Core	27	0.15	0.015	3.3	5.9	0.38	123	<0.001	0.40	<0.01	0.10	<0.5	18.13	2.6	0.7	11.63	<5	3	26.40	3.48
3207247	Drill Core	18	0.19	0.008	0.8	2.8	0.20	31	<0.001	0.13	<0.01	0.03	<0.5	1.33	1.7	0.5	25.83	<5	7	9.06	0.61
3207248	Drill Core	39	0.20	0.031	7.2	9.4	0.56	132	0.001	0.31	<0.01	0.13	<0.5	0.70	2.9	<0.5	5.78	<5	3	47.50	5.09
3207249	Drill Core	45	0.19	0.034	5.9	10.3	0.53	100	0.001	0.34	<0.01	0.12	<0.5	0.64	3.2	<0.5	6.91	<5	17	40.00	4.68
3207250	Drill Core	30	1.50	0.057	11.8	10.4	0.39	152	0.002	0.37	<0.01	0.17	<0.5	0.21	2.3	<0.5	1.91	<5	3	67.10	9.10
3207251	Drill Core	35	1.28	0.045	11.9	13.7	0.40	137	0.002	0.55	<0.01	0.16	<0.5	0.23	2.4	<0.5	1.76	<5	5	72.00	7.99
3207252	Drill Core	42	0.40	0.050	19.0	16.0	0.32	154	0.002	0.72	<0.01	0.21	<0.5	0.18	3.0	<0.5	1.23	<5	6	70.30	10.60
3207253	Drill Core	50	0.37	0.050	17.2	17.2	0.37	154	0.002	0.72	<0.01	0.21	<0.5	0.13	4.2	<0.5	1.57	<5	5	68.70	9.93
3207254	Drill Core	50	0.35	0.050	13.6	18.1	0.40	130	0.003	0.81	<0.01	0.20	<0.5	0.10	3.8	<0.5	1.86	<5	6	65.80	10.30
3207255	Drill Core	43	0.19	0.048	18.9	20.0	0.23	135	0.002	0.93	<0.01	0.22	<0.5	0.11	2.7	<0.5	1.00	<5	4	72.60	11.20
3207256	Drill Core	35	1.09	0.045	16.5	15.0	0.36	109	0.002	0.78	<0.01	0.20	<0.5	0.13	2.8	<0.5	1.20	<5	3	69.40	11.10
3207257	Drill Core	39	0.55	0.053	17.6	15.7	0.31	144	0.003	0.74	<0.01	0.23	<0.5	0.14	3.1	<0.5	1.26	<5	4	71.30	10.50



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**Project:** MacMillan Pass  
**Report Date:** November 02, 2018

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# CERTIFICATE OF ANALYSIS

WHI18000860.1

Method	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC006	TC000	TC000	LF726
Analyte	Fe2O3	CaO	MgO	K2O	MnO	TiO2	P2O5	Cr2O3	Ba	Cu	Pb	Zn	LOI	SUM_T	CO2	TOT/C	TOT/S	Pb
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	0.1
3207235	Drill Core	39.30	2.65	1.62	0.11	0.94	0.01	0.01	<0.01	<0.01	<0.01	7.63	5.67	22.29	98.72	14.56	4.78	15.46
3207236	Drill Core	30.20	0.98	0.95	0.28	0.61	0.06	0.02	<0.01	0.02	0.02	22.75	6.14	16.48	98.16	7.96	2.65	17.92
3207237	Drill Core	35.60	0.85	0.61	0.12	0.40	0.02	0.01	<0.01	<0.01	0.02	>25	4.66	17.18	96.78	4.65	1.57	26.43
3207238	Drill Core	34.00	1.01	0.48	0.21	0.23	0.03	0.02	<0.01	0.02	0.01	>25	4.88	19.39	98.64	1.62	0.94	29.42
3207239	Drill Core	30.20	1.49	0.69	0.26	0.34	0.06	0.03	<0.01	0.02	0.02	23.21	7.00	16.93	98.02	4.24	1.61	25.14
3207240	Drill Core	7.51	0.04	0.08	0.45	0.08	0.12	0.03	<0.01	0.05	0.02	20.15	20.32	8.28	98.61	0.51	0.56	16.75
3207241	Drill Core	36.90	0.07	0.23	0.08	0.22	<0.01	0.02	<0.01	<0.01	0.03	16.90	4.88	20.04	99.29	1.85	0.81	29.89
3207242	Rock Pulp	11.30	5.41	3.80	3.45	0.17	0.22	0.09	<0.01	0.07	0.03	4.80	10.68	14.66	98.96	7.51	2.54	10.96
3207243	Drill Core	11.60	0.13	0.45	1.38	0.27	0.31	0.06	<0.01	0.18	<0.01	3.74	1.45	6.00	98.51	2.53	1.05	4.75
3207244	Drill Core	41.90	0.24	1.04	0.19	0.79	0.02	0.02	<0.01	<0.01	0.04	21.17	2.80	19.81	99.65	8.89	3.29	18.96
3207245	Drill Core	21.80	0.41	0.67	0.98	0.54	0.20	0.06	<0.01	0.11	0.02	16.34	2.26	11.65	98.43	7.68	2.78	7.44
3207246	Drill Core	22.10	0.26	0.64	0.76	0.49	0.11	0.04	0.01	0.06	0.04	>25	3.17	10.61	96.28	5.85	2.30	11.34
3207247	Drill Core	38.10	0.26	0.31	0.12	0.33	<0.01	0.02	<0.01	<0.01	0.01	>25	0.17	20.84	99.26	5.48	2.00	25.15
3207248	Drill Core	27.60	0.27	1.02	1.24	0.68	0.28	0.07	<0.01	0.11	0.02	0.95	0.10	14.28	99.40	9.83	3.72	5.93
3207249	Drill Core	25.10	0.30	0.91	1.10	0.63	0.24	0.08	<0.01	0.07	0.01	10.03	0.10	14.22	98.31	9.64	3.67	6.83
3207250	Drill Core	8.34	2.15	0.82	2.30	0.22	0.52	0.13	0.01	0.19	<0.01	0.04	0.05	6.85	97.98	4.22	2.50	1.96
3207251	Drill Core	7.10	1.85	0.82	1.90	0.20	0.44	0.10	<0.01	0.15	<0.01	0.04	0.02	5.61	98.37	3.23	2.05	1.84
3207252	Drill Core	7.35	0.60	0.69	2.55	0.19	0.57	0.12	0.01	0.18	0.01	0.04	0.01	5.89	99.26	2.29	2.08	1.22
3207253	Drill Core	9.05	0.58	0.74	2.38	0.26	0.52	0.12	0.01	0.15	<0.01	0.01	<0.01	6.78	99.39	3.05	2.35	1.58
3207254	Drill Core	10.40	0.53	0.84	2.44	0.34	0.56	0.12	0.01	0.14	<0.01	<0.01	0.02	7.37	99.03	3.34	2.39	1.93
3207255	Drill Core	5.72	0.29	0.54	2.64	0.12	0.59	0.11	0.01	0.14	<0.01	<0.01	<0.01	4.72	98.86	1.45	1.63	0.99
3207256	Drill Core	6.13	1.55	0.77	2.65	0.18	0.60	0.11	0.01	0.13	<0.01	<0.01	0.04	5.95	98.80	1.83	2.17	1.23
3207257	Drill Core	6.69	0.76	0.65	2.55	0.17	0.56	0.12	0.01	0.15	<0.01	0.01	0.01	5.45	99.08	1.95	2.03	1.29



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Project:

MacMillan Pass

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## QUALITY CONTROL REPORT

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	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
3207229	Drill Core	2.31	7	<3	9	4.9	52.0	23.6	25	<0.5	55.8	8.3	730	2.28	7	3.1	6.6	51	<0.5	3.9	<0.5
3207239	Drill Core	1.74	11	4	6	1.3	253.2	>40000	68521	216.8	8.1	5.9	2473	20.66	64	<0.5	0.8	36	545.4	316.8	<0.5
Pulp Duplicates																					
3207215	Drill Core	2.94	9	10	3	51.3	9.6	110.8	945	0.8	57.9	2.4	4092	6.07	48	6.8	2.8	174	10.5	3.8	<0.5
REP 3207215	QC		11	11	21																
3207217	Drill Core	1.82	7	10	18	40.1	60.5	83.5	5129	1.0	65.4	3.0	4937	7.47	32	5.9	2.2	189	45.3	2.8	<0.5
REP 3207217	QC																				
3207223	Drill Core	2.93	6	6	7	68.8	88.9	1188.4	78	3.0	128.3	8.6	5923	11.07	23	9.4	2.5	145	<0.5	7.2	<0.5
REP 3207223	QC																				
3207225	Drill Core	2.18	6	10	3	58.5	32.0	126.3	54	0.6	93.0	4.5	2192	4.20	32	7.9	2.1	172	<0.5	3.4	<0.5
REP 3207225	QC		49	5	6																
3207231	Drill Core	3.14	7	<3	7	4.7	81.2	32.5	317	<0.5	69.2	11.4	2131	7.07	82	2.3	5.4	10	2.9	5.1	<0.5
REP 3207231	QC					4.7	80.4	31.4	320	<0.5	68.2	11.5	2273	7.09	86	2.4	5.7	10	2.8	5.5	<0.5
3207235	Drill Core	2.98	5	4	2	0.6	302.6	>40000	57779	67.0	9.4	7.2	7754	28.02	58	1.3	<0.5	31	433.3	98.4	<0.5
REP 3207235	QC																				
3207237	Drill Core	3.65	13	11	6	2.4	313.7	>40000	45825	235.1	65.7	7.6	2995	24.28	86	1.7	<0.5	17	380.9	330.9	<0.5
REP 3207237	QC																				
3207238	Drill Core	4.06	13	6	<2	1.1	293.5	>40000	48699	253.6	9.8	10.4	1632	23.68	99	<0.5	<0.5	24	401.3	369.4	<0.5
REP 3207238	QC																				
3207241	Drill Core	1.14	17	7	4	0.7	243.3	>40000	48023	161.9	17.5	9.5	1590	25.34	113	<0.5	<0.5	<5	354.0	248.4	<0.5
REP 3207241	QC																				
3207245	Drill Core	2.12	6	<3	<2	2.5	194.9	>40000	21650	113.2	15.4	6.1	4335	15.46	<5	2.1	2.1	8	161.2	172.0	<0.5
REP 3207245	QC																				
3207246	Drill Core	2.66	15	<3	4	1.9	308.8	>40000	30848	171.2	22.1	8.1	3829	15.11	22	1.3	1.0	6	232.7	258.7	<0.5
REP 3207246	QC																				
3207249	Drill Core	2.94	15	5	2	3.7	205.6	>40000	957	83.2	36.7	8.6	5162	17.94	13	0.9	2.0	8	10.3	120.0	<0.5
REP 3207249	QC																				
3207252	Drill Core	3.66	11	<3	<2	5.6	73.9	311.2	120	1.8	75.6	11.1	1407	4.84	6	3.1	6.0	26	<0.5	7.1	<0.5
REP 3207252	QC		14	4	3																





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**Project:**

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## QUALITY CONTROL REPORT

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	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
3207229	Drill Core	42	1.33	0.048	19.5	9.6	0.44	238	0.005	0.50	<0.01	0.24	0.7	0.13	2.9	<0.5	0.74	<5	<2	72.20	10.70
3207239	Drill Core	20	1.03	0.011	1.9	5.0	0.43	98	<0.001	0.22	<0.01	0.05	<0.5	56.10	1.6	<0.5	24.33	<5	<2	13.00	1.26
Pulp Duplicates																					
3207215	Drill Core	293	12.62	0.043	14.8	16.7	4.73	94	0.002	0.21	<0.01	0.12	<0.5	0.40	1.9	<0.5	0.07	<5	4	23.80	3.34
REP 3207215	QC																				
3207217	Drill Core	363	12.77	0.049	9.5	15.4	4.48	93	0.003	0.23	<0.01	0.11	<0.5	1.42	2.1	<0.5	0.64	<5	5	23.20	3.21
REP 3207217	QC																			23.20	3.20
3207223	Drill Core	483	7.34	0.094	9.2	24.6	3.01	119	0.002	0.41	<0.01	0.15	<0.5	0.06	2.5	<0.5	1.19	<5	12	36.10	3.99
REP 3207223	QC																				
3207225	Drill Core	186	8.28	0.037	7.7	8.0	3.46	93	0.001	0.19	<0.01	0.11	<0.5	0.06	2.0	<0.5	0.71	<5	8	48.20	3.46
REP 3207225	QC																				
3207231	Drill Core	34	0.17	0.060	16.0	8.3	0.42	246	0.004	0.43	<0.01	0.22	<0.5	0.21	4.0	<0.5	1.56	<5	4	66.30	9.89
REP 3207231	QC	36	0.19	0.052	16.6	7.8	0.43	258	0.002	0.43	<0.01	0.22	<0.5	0.26	4.1	<0.5	1.56	<5	5		
3207235	Drill Core	19	1.88	0.004	0.6	3.4	0.98	42	<0.001	0.05	<0.01	0.02	<0.5	52.19	1.3	<0.5	15.56	<5	<2	16.00	0.49
REP 3207235	QC																			16.00	0.49
3207237	Drill Core	12	0.61	0.004	0.7	2.1	0.38	63	<0.001	0.11	<0.01	0.03	<0.5	44.58	1.2	0.6	26.04	<5	<2	7.67	0.58
REP 3207237	QC																				
3207238	Drill Core	15	0.72	0.006	1.0	3.2	0.30	99	<0.001	0.17	<0.01	0.05	<0.5	45.55	1.4	1.7	29.39	<5	<2	7.50	0.96
REP 3207238	QC																				
3207241	Drill Core	22	0.06	0.006	0.8	4.3	0.15	37	<0.001	0.11	<0.01	0.02	<0.5	37.22	1.7	2.2	29.31	<5	<2	17.00	0.45
REP 3207241	QC																			16.90	0.45
3207245	Drill Core	25	0.28	0.026	4.9	5.5	0.37	136	<0.001	0.25	<0.01	0.10	<0.5	13.53	2.6	0.6	7.53	<5	<2	37.50	4.06
REP 3207245	QC																			37.40	4.09
3207246	Drill Core	27	0.15	0.015	3.3	5.9	0.38	123	<0.001	0.40	<0.01	0.10	<0.5	18.13	2.6	0.7	11.63	<5	3	26.40	3.48
REP 3207246	QC																				
3207249	Drill Core	45	0.19	0.034	5.9	10.3	0.53	100	0.001	0.34	<0.01	0.12	<0.5	0.64	3.2	<0.5	6.91	<5	17	40.00	4.68
REP 3207249	QC																				
3207252	Drill Core	42	0.40	0.050	19.0	16.0	0.32	154	0.002	0.72	<0.01	0.21	<0.5	0.18	3.0	<0.5	1.23	<5	6	70.30	10.60
REP 3207252	QC																				



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Method	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC006	TC000	TC000	LF726
Analyte	Fe2O3	CaO	MgO	K2O	MnO	TiO2	P2O5	Cr2O3	Ba	Cu	Pb	Zn	LOI	SUM_T	CO2	TOT/C	TOT/S	Pb
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	0.1
3207229 Drill Core	3.64	1.93	0.89	2.64	0.10	0.58	0.10	<0.01	0.24	<0.01	<0.01	<0.01	5.21	98.36	2.78	2.15	0.73	
3207239 Drill Core	30.20	1.49	0.69	0.26	0.34	0.06	0.03	<0.01	0.02	0.02	23.21	7.00	16.93	98.02	4.24	1.61	25.14	
Pulp Duplicates																		
3207215 Drill Core	9.29	18.90	8.49	0.89	0.53	0.17	0.11	<0.01	0.06	<0.01	<0.01	0.10	33.33	99.07	28.34	13.59	0.08	
REP 3207215 QC																		
3207217 Drill Core	11.20	18.60	7.85	0.81	0.63	0.16	0.12	<0.01	0.05	<0.01	<0.01	0.53	31.87	98.38	24.33	12.91	0.64	
REP 3207217 QC	11.30	18.70	7.89	0.80	0.64	0.16	0.12	<0.01	0.05	<0.01	<0.01	0.54	31.87	98.64				
3207223 Drill Core	16.50	10.40	5.17	0.98	0.75	0.19	0.21	<0.01	0.06	<0.01	0.12	<0.01	22.47	96.98	18.18	9.74	1.19	
REP 3207223 QC																9.75	1.20	
3207225 Drill Core	6.31	12.10	5.95	0.92	0.30	0.17	0.09	<0.01	0.06	<0.01	<0.01	<0.01	21.21	98.81	17.24	8.27	0.72	
REP 3207225 QC																		
3207231 Drill Core	10.60	0.26	0.86	2.44	0.28	0.53	0.13	<0.01	0.22	<0.01	<0.01	0.03	8.11	99.80	4.61	2.52	1.59	
REP 3207231 QC																		
3207235 Drill Core	39.30	2.65	1.62	0.11	0.94	0.01	0.01	<0.01	<0.01	<0.01	7.63	5.67	22.29	98.72	14.56	4.78	15.46	
REP 3207235 QC	39.20	2.65	1.62	0.11	0.94	0.01	0.01	<0.01	<0.01	<0.01	7.61	5.65	22.29	98.59				
3207237 Drill Core	35.60	0.85	0.61	0.12	0.40	0.02	0.01	<0.01	<0.01	0.02	>25	4.66	17.18	96.78	4.65	1.57	26.43	26.4
REP 3207237 QC															4.26			
3207238 Drill Core	34.00	1.01	0.48	0.21	0.23	0.03	0.02	<0.01	0.02	0.01	>25	4.88	19.39	98.64	1.62	0.94	29.42	27.7
REP 3207238 QC																		27.4
3207241 Drill Core	36.90	0.07	0.23	0.08	0.22	<0.01	0.02	<0.01	<0.01	0.03	16.90	4.88	20.04	99.29	1.85	0.81	29.89	
REP 3207241 QC	36.80	0.07	0.24	0.08	0.22	<0.01	0.02	<0.01	<0.01	0.02	17.64	4.89	20.04	99.92				
3207245 Drill Core	21.80	0.41	0.67	0.98	0.54	0.20	0.06	<0.01	0.11	0.02	16.34	2.26	11.65	98.43	7.68	2.78	7.44	
REP 3207245 QC	21.70	0.41	0.66	0.98	0.54	0.20	0.06	<0.01	0.10	0.02	16.16	2.24	11.65	98.02				
3207246 Drill Core	22.10	0.26	0.64	0.76	0.49	0.11	0.04	0.01	0.06	0.04	>25	3.17	10.61	96.28	5.85	2.30	11.34	26.3
REP 3207246 QC																		26.0
3207249 Drill Core	25.10	0.30	0.91	1.10	0.63	0.24	0.08	<0.01	0.07	0.01	10.03	0.10	14.22	98.31	9.64	3.67	6.83	
REP 3207249 QC																3.66	6.99	
3207252 Drill Core	7.35	0.60	0.69	2.55	0.19	0.57	0.12	0.01	0.18	0.01	0.04	0.01	5.89	99.26	2.29	2.08	1.22	
REP 3207252 QC																		



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## QUALITY CONTROL REPORT

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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
3207256	Drill Core	2.46	12	3	4	5.0	71.9	95.9	396	0.9	74.9	10.5	1251	3.99	<5	5.7	6.1	67	<0.5	7.5	<0.5
REP 3207256	QC					5.1	74.9	96.4	386	0.8	75.0	10.4	1278	4.02	5	5.7	6.2	66	<0.5	7.3	<0.5
3207257	Drill Core	3.05	12	<3	10	5.4	77.5	131.1	156	1.3	84.7	11.4	1341	4.42	6	2.8	6.1	37	<0.5	7.4	<0.5
REP 3207257	QC																				
Core Reject Duplicates																					
3207234	Drill Core	2.65	11	<3	3	1.9	155.6	>40000	87017	92.5	10.2	5.1	2769	13.68	46	<0.5	1.0	<5	636.6	158.2	<0.5
DUP 3207234	QC		11	<3	2	1.9	153.9	>40000	86427	94.3	10.4	5.0	3136	13.65	39	<0.5	0.8	<5	633.7	163.0	<0.5
Reference Materials																					
STD COO1	Standard																				
STD COO1	Standard																				
STD COO1	Standard																				
STD COO1	Standard																				
STD CPB-2	Standard																				
STD CPB-2	Standard																				
STD GBM309-14	Standard																				
STD GBM309-14	Standard																				
STD GBM309-15	Standard																				
STD GBM309-15	Standard																				
STD GBM398-4-AR	Standard					912.1	4004.2	11725.0	5181	49.8	4505.3	1940.6	5193	3.79	7	0.7	0.9	12	10.4	7.3	12.5
STD GBM398-4-AR	Standard					889.3	3848.8	11471.9	4903	50.3	4106.1	1841.7	5251	3.71	<5	0.6	0.8	14	8.5	6.6	12.5
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD OREAS133B(D)	Standard																				
STD OREAS133B(D)	Standard																				
STD OREAS133B(D)	Standard																				
STD OREAS605	Standard					4.7	49593.5	777.1	1970	998.1	1501.6	90.2	85	3.47	1647	0.9	2.4	53	12.7	282.0	19.4
STD OREAS72B	Standard																				



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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	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
3207256	Drill Core	35	1.09	0.045	16.5	15.0	0.36	109	0.002	0.78	<0.01	0.20	<0.5	0.13	2.8	<0.5	1.20	<5	3	69.40	11.10
REP 3207256	QC	34	1.09	0.047	17.3	16.3	0.36	108	0.002	0.78	<0.01	0.19	<0.5	0.11	2.7	<0.5	1.20	<5	4		
3207257	Drill Core	39	0.55	0.053	17.6	15.7	0.31	144	0.003	0.74	<0.01	0.23	<0.5	0.14	3.1	<0.5	1.26	<5	4	71.30	10.50
REP 3207257	QC																				
Core Reject Duplicates																					
3207234	Drill Core	15	0.08	0.013	2.8	4.5	0.23	101	<0.001	0.10	<0.01	0.06	<0.5	48.93	1.7	1.1	14.18	<5	<2	42.10	1.73
DUP 3207234	QC	18	0.08	0.015	2.8	4.6	0.28	103	<0.001	0.11	<0.01	0.06	<0.5	51.16	1.6	1.1	13.44	<5	<2	41.30	1.71
Reference Materials																					
STD COO1	Standard																				
STD COO1	Standard																				
STD COO1	Standard																				
STD COO1	Standard																				
STD CPB-2	Standard																				
STD CPB-2	Standard																				
STD GBM309-14	Standard																				
STD GBM309-14	Standard																				
STD GBM309-15	Standard																				
STD GBM309-15	Standard																				
STD GBM398-4-AR	Standard	18	0.34	0.019	2.6	1859.8	0.13	20	0.111	0.53	0.26	0.11	3.1	3.18	2.0	<0.5	0.94	<5	2		
STD GBM398-4-AR	Standard	26	0.33	0.018	2.6	1902.6	0.12	18	0.112	0.48	0.24	0.11	2.7	2.90	1.9	<0.5	0.93	<5	<2		
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD OREAS133B(D)	Standard																			33.70	6.85
STD OREAS133B(D)	Standard																			33.70	6.82
STD OREAS133B(D)	Standard																			33.60	6.84
STD OREAS605	Standard	<10	0.16	0.010	7.5	31.6	0.03	129	0.011	0.68	0.03	0.14	5.9	1.84	1.3	15.1	7.66	6	72		
STD OREAS72B	Standard																			51.10	8.93



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## QUALITY CONTROL REPORT

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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 %	LF726 Pb %
		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	0.1
3207256	Drill Core	6.13	1.55	0.77	2.65	0.18	0.60	0.11	0.01	0.13	<0.01	<0.01	0.04	5.95	98.80	1.83	2.17	1.23	
REP 3207256	QC																		
3207257	Drill Core	6.69	0.76	0.65	2.55	0.17	0.56	0.12	0.01	0.15	<0.01	0.01	0.01	5.45	99.08	1.95	2.03	1.29	
REP 3207257	QC															2.19			
Core Reject Duplicates																			
3207234	Drill Core	18.90	0.10	0.39	0.42	0.34	0.09	0.03	<0.01	0.04	0.01	11.79	8.43	12.14	99.51	4.25	1.58	13.66	
DUP 3207234	QC	19.00	0.11	0.44	0.42	0.39	0.09	0.03	<0.01	0.04	0.01	12.07	8.35	12.18	99.13	4.32	1.73	13.37	
Reference Materials																			
STD COO1	Standard															2.26			
STD COO1	Standard															2.32			
STD COO1	Standard															2.24			
STD COO1	Standard															2.28			
STD CPB-2	Standard																		64.6
STD CPB-2	Standard																		64.6
STD GBM309-14	Standard																		1.5
STD GBM309-14	Standard																		1.5
STD GBM309-15	Standard																0.21	27.44	
STD GBM309-15	Standard																0.20	27.64	
STD GBM398-4-AR	Standard																		
STD GBM398-4-AR	Standard																		
STD GS311-1	Standard																0.99	2.24	
STD GS311-1	Standard																1.02	2.36	
STD GS910-4	Standard																2.62	7.96	
STD GS910-4	Standard																2.70	8.32	
STD OREAS133B(D)	Standard	11.50	5.30	3.72	3.45	0.16	0.23	0.09	<0.01	0.07	0.03	5.06	11.33	13.00	97.66				
STD OREAS133B(D)	Standard	11.50	5.32	3.71	3.44	0.16	0.22	0.09	<0.01	0.07	0.03	5.06	11.33	13.00	97.63				
STD OREAS133B(D)	Standard	11.50	5.29	3.73	3.44	0.16	0.23	0.09	<0.01	0.07	0.03	5.06	11.33	13.00	97.55				
STD OREAS605	Standard																		
STD OREAS72B	Standard	9.83	3.96	15.90	1.31	0.13	0.35	0.06	0.15	0.03	0.02	<0.01	<0.01	5.12	98.20				



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		WGHT	FA330	FA330	FA330	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
		kg	ppb	ppb	ppb	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
STD OREAS72B	Standard																			
STD OREAS72B	Standard																			
STD OREAS927-AR	Standard					1.1	10775.0	223.9	691	4.3	31.5	31.0	1181	7.83	12	1.7	12.5	14	1.1	1.3
STD PD05	Standard		495	434	604															
STD PD05	Standard		507	447	621															
STD PG04	Standard		1003	937	1289															
STD SY-4(D)	Standard																			
STD SY-4(D)	Standard																			
STD SY-4(D)	Standard																			
STD SY-4(D) Expected																				
STD OREAS72B Expected																				
STD OREAS133B(D) Expected																				
STD CPB-2 Expected																				
STD GBM309-14 Expected																				
STD GS311-1 Expected																				
STD GS910-4 Expected																				
STD GBM309-15 Expected																				
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
STD PG04 Expected			1004	903	1196															
STD COO1 Expected																				
STD PD05 Expected			519	430	596															
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
STD OREAS605 Expected						4.75	49800	856	2170	984	1538	93	86	3.75	1613	0.95		12.9	228	16.7
SI BLK	Blank																			
SI BLK	Blank																			
SI BLK	Blank																			
SI BLK	Blank																			
SI BLK	Blank																			
BLK	Blank																			



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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	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
STD OREAS72B	Standard																			51.20	8.95
STD OREAS72B	Standard																			51.20	8.97
STD OREAS927-AR	Standard	37	0.29	0.058	27.1	44.3	1.93	47	0.082	3.33	<0.01	0.30	5.2	0.11	4.9	<0.5	1.70	10	16		
STD PD05	Standard																				
STD PD05	Standard																				
STD PG04	Standard																				
STD SY-4(D)	Standard																			49.80	20.70
STD SY-4(D)	Standard																			49.70	20.70
STD SY-4(D)	Standard																			49.50	20.70
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 CPB-2 Expected																					
STD GBM309-14 Expected																					
STD GS311-1 Expected																					
STD GS910-4 Expected																					
STD GBM309-15 Expected																					
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 PG04 Expected																					
STD COO1 Expected																					
STD PD05 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		
STD OREAS605 Expected		8.33	0.182	0.0116	3.95	27.5	0.0289	184.8	0.01	0.73	0.0328	0.134	5.9		1.05	15.3	7.86		75		
SI BLK	Blank																			99.50	0.34
SI BLK	Blank																			99.20	0.33
SI BLK	Blank																			98.70	0.34
SI BLK	Blank																				
SI BLK	Blank																				
BLK	Blank																				



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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 %	LF726 Pb %
		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	0.1
STD OREAS72B	Standard	9.74	3.96	15.90	1.32	0.13	0.35	0.06	0.14	0.03	0.02	<0.01	<0.01	5.12	98.24				
STD OREAS72B	Standard	9.79	3.97	15.90	1.32	0.13	0.36	0.06	0.14	0.03	0.02	<0.01	<0.01	5.12	98.33				
STD OREAS927-AR	Standard																		
STD PD05	Standard																		
STD PD05	Standard																		
STD PG04	Standard																		
STD SY-4(D)	Standard	6.19	8.00	0.53	1.66	0.10	0.30	0.16	<0.01	0.03	<0.01	<0.01	0.03	4.56	99.03				
STD SY-4(D)	Standard	6.18	8.01	0.52	1.66	0.11	0.30	0.16	<0.01	0.03	<0.01	<0.01	0.03	4.56	98.93				
STD SY-4(D)	Standard	6.18	7.98	0.53	1.65	0.10	0.30	0.16	<0.01	0.04	<0.01	<0.01	0.03	4.56	98.71				
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 CPB-2 Expected																			63.52
STD GBM309-14 Expected																			1.4982
STD GS311-1 Expected																	1.02	2.35	
STD GS910-4 Expected																	2.65	8.27	
STD GBM309-15 Expected																	0.22	28.84	
STD OREAS927-AR Expected																			
STD PG04 Expected																			
STD COO1 Expected																2.37			
STD PD05 Expected																			
STD GBM398-4-AR Expected																			
STD OREAS605 Expected																			
SI BLK	Blank	0.02	0.02	0.03	0.02	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.00	99.96				
SI BLK	Blank	0.02	<0.01	0.02	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.00	99.61				
SI BLK	Blank	0.02	<0.01	0.02	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.00	99.14				
SI BLK	Blank																		<0.1
SI BLK	Blank																		<0.1
BLK	Blank																<0.02	<0.02	





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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
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	5	<2																
BLK	Blank		3	4	<2																
BLK	Blank		2	<3	<2																
BLK	Blank		3	<3	<2																
BLK	Blank																				
BLK	Blank		4	<3	4																
BLK	Blank					<0.5	<0.5	<0.5	6	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
Prep Wash																					
ROCK-WHI	Prep Blank		2	<3	<2	1.2	5.3	3.2	32	<0.5	1.2	3.7	551	1.80	<5	<0.5	2.3	26	<0.5	<0.5	<0.5
ROCK-WHI	Prep Blank		2	<3	<2	0.9	5.2	2.9	31	<0.5	1.1	3.6	542	1.79	<5	<0.5	2.3	25	<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	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
BLK	Blank																				
BLK	Blank	<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		
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<10	<0.01	<0.001	<0.5	<0.5	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	0.15	<0.5	<0.5	<0.05	<5	<2		
Prep Wash																					
ROCK-WHI	Prep Blank	25	0.69	0.034	6.7	2.0	0.48	71	0.098	1.12	0.16	0.15	<0.5	<0.05	4.7	<0.5	<0.05	<5	<2	71.10	13.90
ROCK-WHI	Prep Blank	23	0.72	0.038	6.6	2.6	0.45	80	0.093	1.17	0.19	0.14	<0.5	<0.05	3.5	<0.5	<0.05	<5	<2	71.30	14.00



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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 %	LF726 Pb %	
		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	0.1	
BLK	Blank															<0.02		<0.02		
BLK	Blank																			
BLK	Blank															0.03				
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank															<0.02				
BLK	Blank																			
BLK	Blank																			
Prep Wash																				
ROCK-WHI	Prep Blank	3.14	2.24	0.88	1.98	0.09	0.35	0.09	<0.01	0.09	<0.01	<0.01	<0.01	0.96	99.35	0.17	0.08	0.04		
ROCK-WHI	Prep Blank	3.11	2.21	0.85	2.00	0.09	0.34	0.09	<0.01	0.08	<0.01	<0.01	<0.01	1.13	99.74	0.31	0.12	0.05		