



Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

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

Submitted By: Confirmation & Email Distribution List
Receiving Lab: Canada-Whitehorse
Received: October 06, 2020
Analysis Start: October 29, 2020
Report Date: November 18, 2020
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CERTIFICATE OF ANALYSIS

WHI20000536.1

CLIENT JOB INFORMATION

Project: MacMillan Pass
Shipment ID: FWZ20-BV-013
P.O. Number
Number of Samples: 80

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.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-500	77	Crush, split and pulverize 500g rock to 200 mesh			WHI
SLBHP	3	Sort, label and box pulps			WHI
CRUBW	77	Extra clean rock wash between samples in crusher			WHI
PULSW	77	Extra Wash with Silica between each sample			WHI
AQ270	80	1:1:1 Aqua Regia digestion ICP-ES/ICP-MS analysis	1	Completed	VAN
LF725	80	Li2B4O7/LiBO2 fusion, analysis by XRF		Completed	VAN
SHP01	80	Per sample shipping charges for branch shipments			VAN
TC000	80	Total C/S Analysis by Leco	0.1	Completed	VAN
TC007	80	Graphite and Organic C by Leco After Ignition	0.1	Completed	VAN
TC006	80	Inorganic Carbon	0.2	Completed	VAN
TC010	80	Analysis by Leco after sodium carbonate leach	0.1	Completed	VAN

ADDITIONAL COMMENTS

V205 from LF725 is Qualitative Data only.

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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	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
3202749	Drill Core	6.68	6.9	332.7	3412.7	88266	38.1	52.3	41.1	220	21.64	539	1.3	<0.5	15	633.2	516.6	<0.5	18	0.04	0.016
3202750	Drill Core	5.73	21.1	119.4	916.5	30094	15.8	59.5	18.1	108	18.97	491	2.3	<0.5	19	228.1	190.2	<0.5	31	0.05	0.017
3202751	Drill Core	4.90	31.1	62.5	477.1	8911	9.3	81.1	21.2	190	14.38	429	3.9	<0.5	23	51.6	123.1	<0.5	38	0.05	0.021
3202752	Drill Core	4.52	19.4	55.8	510.8	552	9.1	73.4	21.5	90	19.86	456	4.4	<0.5	14	4.2	116.2	<0.5	26	0.03	0.009
3202753	Drill Core	5.01	18.2	121.5	1062.8	5568	13.9	55.6	9.5	158	25.36	472	3.3	<0.5	15	34.1	192.9	<0.5	26	0.05	0.016
3202754	Drill Core	4.39	26.0	104.9	764.1	5448	11.9	80.7	21.2	130	24.00	639	17.1	0.6	20	57.5	163.2	<0.5	31	0.04	0.016
3202755	Drill Core	3.83	39.2	48.2	461.9	2477	8.0	107.9	26.8	73	13.29	802	4.7	<0.5	33	15.3	140.1	<0.5	39	0.05	0.021
3202756	Drill Core	4.03	40.9	60.1	597.5	6528	10.0	95.1	34.2	90	17.36	676	4.3	<0.5	29	40.7	154.4	<0.5	40	0.06	0.026
3202757	Drill Core	4.00	28.7	55.8	487.9	1483	8.6	95.1	35.8	79	15.24	609	3.8	<0.5	21	11.1	124.2	<0.5	30	0.04	0.015
3202758	Drill Core	3.47	31.1	57.5	443.0	5502	7.7	84.2	26.5	98	13.10	501	5.3	<0.5	33	40.0	105.7	<0.5	31	0.04	0.018
3202759	Drill Core	3.43	35.8	94.9	607.5	25862	11.7	81.8	20.0	98	12.39	473	5.7	<0.5	38	185.0	154.6	<0.5	31	0.06	0.025
3202760	Rock Pulp	0.04	2.9	301.1	>40000	110385	98.7	21.7	22.6	1291	7.74	135	1.4	6.2	16	323.8	163.9	0.7	<10	3.79	0.039
3202761	Drill Core	1.98	34.1	54.8	626.8	1440	7.2	79.6	22.1	61	14.48	504	3.9	<0.5	40	8.9	131.3	<0.5	33	0.07	0.025
3202762	Drill Core	1.75	38.9	59.3	563.7	3083	7.0	85.7	22.0	66	12.32	465	3.8	<0.5	35	19.6	124.2	<0.5	30	0.05	0.019
3202763	Drill Core	3.90	41.7	43.1	439.4	1126	5.5	93.2	22.2	70	10.73	340	4.4	<0.5	60	7.4	92.8	<0.5	34	0.07	0.030
3202764	Drill Core	4.09	24.5	71.0	732.5	15135	9.0	71.9	20.2	96	12.89	340	3.6	<0.5	62	90.2	150.3	<0.5	19	0.10	0.044
3202765	Drill Core	3.75	31.1	67.7	558.4	14021	8.2	79.0	23.9	92	11.80	377	5.8	<0.5	37	87.6	138.5	<0.5	25	0.04	0.017
3202766	Drill Core	4.25	18.1	47.6	501.8	1283	7.5	64.5	26.7	100	18.95	423	4.7	<0.5	25	8.4	102.6	<0.5	22	0.04	0.015
3202767	Drill Core	3.59	21.0	88.0	946.6	14372	13.9	72.2	41.7	170	18.74	523	3.6	<0.5	23	96.5	176.6	<0.5	21	0.03	0.010
3202768	Drill Core	4.29	20.3	96.1	1812.1	13848	14.3	68.9	26.7	105	16.91	517	4.1	<0.5	29	102.7	203.8	<0.5	19	0.04	0.014
3202769	Drill Core	4.90	26.7	82.1	962.8	6345	11.1	90.3	26.4	93	18.55	592	5.3	<0.5	20	47.2	201.0	<0.5	22	0.03	0.011
3202770	Drill Core	4.43	17.6	60.7	520.4	7971	9.0	76.9	14.0	149	22.66	484	4.8	<0.5	26	57.6	130.5	<0.5	23	0.04	0.014
3202771	Drill Core	4.21	20.7	87.8	809.8	8034	9.6	93.8	17.0	146	22.53	531	4.3	<0.5	24	61.9	183.1	<0.5	20	0.04	0.014
3202772	Drill Core	4.34	24.7	70.1	844.6	7931	9.7	80.0	14.7	85	20.85	503	3.8	<0.5	28	56.3	182.6	<0.5	15	0.04	0.013
3202773	Drill Core	4.60	22.0	67.4	689.4	9300	8.9	73.4	15.1	168	21.13	473	3.2	<0.5	21	70.7	163.9	<0.5	17	0.03	0.008
3202774	Drill Core	5.51	5.5	116.6	1154.9	27713	14.8	29.9	1.7	107	35.36	622	1.8	<0.5	32	219.4	304.0	<0.5	11	0.04	0.012
3202775	Drill Core	4.72	25.8	98.6	959.2	25471	13.6	100.7	13.8	136	24.80	754	3.1	<0.5	21	171.4	262.8	<0.5	18	0.03	0.007
3202776	Drill Core	4.16	27.3	61.6	667.5	7789	7.7	79.4	15.4	103	16.66	414	4.9	<0.5	41	50.8	152.4	<0.5	15	0.04	0.017
3202777	Drill Core	4.90	29.5	121.7	1251.0	35992	16.5	110.8	14.6	103	23.54	631	4.7	<0.5	44	255.0	300.7	<0.5	17	0.05	0.020
3202778	Drill Core	4.46	20.4	168.4	1005.4	84116	17.4	84.8	7.3	104	20.61	564	4.1	<0.5	38	572.0	313.0	<0.5	16	0.04	0.019



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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
3202749	Drill Core	<0.5	14.3	<0.01	60	<0.001	0.48	<0.01	<0.01	<0.5	125.69	0.6	11.1	28.13	9	5	35.31	1.19	31.66	0.06	<0.01			
3202750	Drill Core	<0.5	17.2	<0.01	77	<0.001	0.94	<0.01	0.01	<0.5	47.55	1.1	10.3	22.92	<5	2	45.72	2.16	28.06	0.07	0.03			
3202751	Drill Core	0.7	16.7	<0.01	117	<0.001	1.09	<0.01	0.02	<0.5	18.54	0.9	8.2	16.47	<5	<2	58.19	2.52	21.21	0.08	0.04			
3202752	Drill Core	0.6	14.9	<0.01	87	<0.001	1.15	<0.01	0.01	<0.5	5.76	1.0	6.1	23.11	<5	<2	45.78	2.31	30.02	0.05	0.03			
3202753	Drill Core	<0.5	9.6	<0.01	110	<0.001	0.45	<0.01	<0.01	<0.5	25.82	0.7	4.5	>30	<5	<2	35.58	1.13	38.79	0.07	0.03			
3202754	Drill Core	0.7	15.4	<0.01	71	0.001	0.78	<0.01	<0.01	<0.5	14.82	1.4	6.7	27.55	<5	3	36.83	1.68	36.54	0.06	0.03			
3202755	Drill Core	0.9	17.6	<0.01	135	0.001	1.10	<0.01	0.02	<0.5	7.86	1.2	7.3	14.58	<5	2	60.60	2.55	19.20	0.08	0.04			
3202756	Drill Core	0.6	16.5	<0.01	105	<0.001	0.97	<0.01	0.02	<0.5	13.27	1.0	7.4	19.92	<5	<2	50.84	2.32	25.54	0.09	0.04			
3202757	Drill Core	0.7	16.3	<0.01	103	<0.001	0.88	<0.01	0.01	<0.5	5.16	0.7	6.1	17.22	<5	<2	58.00	2.20	22.73	0.06	0.03			
3202758	Drill Core	0.8	16.8	<0.01	98	0.001	1.11	<0.01	0.02	<0.5	11.51	1.2	6.1	14.58	<5	<2	60.77	2.55	19.22	0.07	0.03			
3202759	Drill Core	0.7	12.5	<0.01	80	<0.001	0.66	<0.01	0.02	<0.5	41.82	0.7	6.9	15.06	<5	3	60.68	1.92	18.38	0.10	0.03			
3202760	Rock Pulp	17.3	10.6	2.09	82	0.010	0.75	<0.01	0.44	<0.5	5.80	2.0	49.5	10.91	<5	3	34.18	6.95	11.37	5.37	3.86			
3202761	Drill Core	0.5	13.6	<0.01	113	0.001	0.99	<0.01	0.02	<0.5	5.17	1.0	8.0	16.28	<5	<2	58.37	2.51	21.66	0.10	0.04			
3202762	Drill Core	0.6	13.9	<0.01	128	<0.001	0.99	<0.01	0.02	<0.5	6.73	0.8	7.1	13.62	<5	2	62.43	2.54	17.83	0.08	0.04			
3202763	Drill Core	0.6	15.5	<0.01	165	<0.001	1.03	<0.01	0.02	<0.5	3.78	1.0	6.4	11.65	<5	<2	66.14	2.65	15.76	0.10	0.05			
3202764	Drill Core	0.6	11.6	<0.01	102	<0.001	0.62	<0.01	0.01	<0.5	24.64	<0.5	6.7	15.13	<5	<2	61.91	1.67	19.12	0.14	0.04			
3202765	Drill Core	0.9	12.0	<0.01	150	0.001	0.60	<0.01	0.02	<0.5	23.87	0.6	7.1	13.65	<5	<2	64.88	2.00	17.41	0.08	0.05			
3202766	Drill Core	<0.5	14.1	<0.01	100	<0.001	0.64	<0.01	0.02	<0.5	5.48	0.9	4.4	21.84	<5	2	50.05	1.85	28.39	0.07	0.04			
3202767	Drill Core	0.5	11.7	<0.01	78	<0.001	0.40	<0.01	0.02	<0.5	25.82	<0.5	7.2	21.80	<5	3	48.92	1.51	28.27	0.06	0.05			
3202768	Drill Core	0.5	11.3	<0.01	66	<0.001	0.36	<0.01	0.01	<0.5	24.72	<0.5	6.0	20.06	<5	4	54.45	1.33	25.38	0.07	0.06			
3202769	Drill Core	<0.5	14.9	<0.01	59	<0.001	0.31	<0.01	0.02	<0.5	14.12	<0.5	7.1	21.35	<5	2	51.04	1.46	27.43	0.05	0.03			
3202770	Drill Core	0.6	15.4	<0.01	53	0.001	0.42	<0.01	0.02	<0.5	15.71	0.6	4.3	26.46	<5	<2	41.10	1.57	35.00	0.06	0.04			
3202771	Drill Core	<0.5	13.8	<0.01	58	<0.001	0.28	<0.01	0.02	<0.5	21.54	<0.5	5.5	25.79	<5	<2	42.84	1.27	34.09	0.06	0.03			
3202772	Drill Core	<0.5	10.0	<0.01	61	<0.001	0.17	<0.01	0.01	<0.5	18.16	<0.5	9.5	24.01	<5	2	47.19	0.95	31.62	0.06	0.05			
3202773	Drill Core	<0.5	11.6	<0.01	64	<0.001	0.11	<0.01	0.01	<0.5	23.76	<0.5	8.3	24.77	<5	<2	46.10	0.72	32.10	0.04	0.04			
3202774	Drill Core	<0.5	4.8	<0.01	35	<0.001	0.07	<0.01	<0.01	<0.5	60.01	<0.5	21.4	>30	<5	3	12.47	0.25	53.64	0.06	0.04			
3202775	Drill Core	<0.5	11.1	<0.01	44	<0.001	0.11	<0.01	0.01	<0.5	51.64	<0.5	18.0	29.68	<5	3	34.78	0.87	38.06	0.05	0.03			
3202776	Drill Core	<0.5	10.9	<0.01	77	0.001	0.16	<0.01	0.02	<0.5	17.99	<0.5	5.4	19.40	<5	2	55.68	1.31	24.92	0.07	0.06			
3202777	Drill Core	<0.5	11.9	<0.01	42	<0.001	0.12	<0.01	0.02	<0.5	68.69	<0.5	11.1	28.74	<5	4	36.33	1.05	36.15	0.07	0.04			
3202778	Drill Core	<0.5	13.9	<0.01	59	<0.001	0.13	<0.01	0.02	<0.5	154.47	<0.5	11.9	27.26	7	7	38.41	1.13	30.22	0.05	0.04			



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Method	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC000	TC000	TC005	TC005	TC006	TC010	TC010
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
Unit	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
MDL	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-5.11	0.01	0.01	0.02	0.02	0.02	0.02	0.08	0.02	0.15
3202749 Drill Core	0.02	0.03	0.07	0.04	<0.01	1.26	0.03	0.37	8.50	18.58	99.51	<0.01	0.69	30.38	0.67	<0.02	<0.08	22.37	24.00
3202750 Drill Core	0.06	0.02	0.11	0.04	<0.01	2.27	<0.01	0.10	3.00	16.67	99.38	0.01	1.95	24.45	1.89	0.05	<0.08	20.54	11.71
3202751 Drill Core	0.08	0.03	0.15	0.06	<0.01	2.62	<0.01	0.05	0.88	13.26	99.72	0.02	2.64	17.55	2.54	0.08	<0.08	14.86	8.06
3202752 Drill Core	0.01	0.02	0.12	0.03	<0.01	2.76	<0.01	0.07	0.05	16.74	98.33	0.01	1.62	25.06	1.60	0.02	<0.08	18.90	18.46
3202753 Drill Core	0.01	0.02	0.08	0.04	<0.01	1.21	<0.01	0.11	0.55	21.20	99.14	<0.01	1.65	31.81	1.63	<0.02	<0.08	25.93	17.62
3202754 Drill Core	0.02	0.02	0.13	0.06	<0.01	2.65	<0.01	0.09	0.54	20.65	99.79	0.02	1.92	30.34	1.89	0.03	<0.08	23.23	21.30
3202755 Drill Core	0.07	0.01	0.17	0.07	<0.01	2.65	<0.01	0.05	0.24	12.91	98.99	0.02	3.24	15.63	3.16	0.06	<0.08	13.56	6.20
3202756 Drill Core	0.06	0.01	0.18	0.07	<0.01	2.29	0.02	0.08	0.64	16.19	98.83	0.02	3.27	21.34	3.21	0.04	<0.08	17.49	11.53
3202757 Drill Core	0.06	0.02	0.15	0.04	<0.01	2.16	<0.01	0.07	0.15	13.76	99.76	0.02	2.57	18.20	2.53	0.05	<0.08	13.19	15.01
3202758 Drill Core	0.06	0.02	0.16	0.05	<0.01	2.69	<0.01	0.05	0.54	12.27	99.00	0.02	2.63	16.06	2.54	0.07	<0.08	12.43	10.88
3202759 Drill Core	0.10	0.01	0.12	0.07	<0.01	1.86	0.02	0.08	2.56	12.90	99.70	0.01	3.14	16.35	2.96	0.17	<0.08	11.51	14.50
3202760 Rock Pulp	3.48	0.16	0.23	0.09	<0.01	0.08	0.02	4.86	10.70	14.57	99.13	<0.01	2.58	11.06	0.42	<0.02	7.92	6.76	12.87
3202761 Drill Core	0.11	0.01	0.15	0.08	<0.01	2.40	<0.01	0.08	0.15	13.70	99.71	0.02	3.08	17.30	2.99	0.08	<0.08	15.14	6.47
3202762 Drill Core	0.11	0.01	0.15	0.06	<0.01	2.37	<0.01	0.07	0.30	12.11	98.47	0.01	3.15	14.88	3.00	0.15	<0.08	12.21	8.00
3202763 Drill Core	0.13	0.01	0.16	0.09	<0.01	2.51	<0.01	0.05	0.11	11.20	99.30	0.02	3.42	12.73	3.24	0.16	<0.08	10.21	7.55
3202764 Drill Core	0.07	0.01	0.11	0.11	0.01	1.49	<0.01	0.08	1.50	11.90	98.74	<0.01	2.14	16.32	2.01	0.13	<0.08	13.28	9.11
3202765 Drill Core	0.14	0.01	0.14	0.05	<0.01	1.46	0.01	0.07	1.38	11.61	99.83	0.02	2.84	14.65	2.64	0.18	<0.08	11.67	8.93
3202766 Drill Core	0.10	0.02	0.13	0.05	<0.01	1.51	<0.01	0.06	0.13	16.14	98.79	<0.01	1.87	23.59	1.80	0.05	<0.08	20.26	9.98
3202767 Drill Core	0.12	0.02	0.11	0.04	<0.01	1.03	<0.01	0.11	1.45	16.39	98.62	<0.01	1.98	24.68	1.94	0.03	<0.08	19.70	14.92
3202768 Drill Core	0.10	0.01	0.11	0.05	0.01	0.98	<0.01	0.19	1.40	14.87	99.48	<0.01	2.00	22.03	1.91	0.09	<0.08	18.18	11.53
3202769 Drill Core	0.14	0.01	0.14	0.04	<0.01	0.87	<0.01	0.11	0.62	16.21	98.48	0.01	2.25	23.41	2.18	0.06	<0.08	19.28	12.37
3202770 Drill Core	0.11	0.03	0.13	0.05	<0.01	1.12	<0.01	0.06	0.80	19.22	99.67	<0.01	1.60	29.34	1.57	0.02	<0.08	24.21	15.37
3202771 Drill Core	0.10	0.02	0.11	0.05	<0.01	0.76	<0.01	0.09	0.80	18.64	99.22	<0.01	1.71	28.98	1.68	<0.02	<0.08	22.72	18.75
3202772 Drill Core	0.11	0.01	0.13	0.04	<0.01	0.35	<0.01	0.09	0.80	17.69	99.36	<0.01	2.02	25.75	1.99	0.03	<0.08	20.58	15.49
3202773 Drill Core	0.09	0.03	0.09	0.03	<0.01	0.22	<0.01	0.08	0.93	17.93	98.67	<0.01	1.62	27.75	1.59	0.02	<0.08	21.00	20.22
3202774 Drill Core	<0.01	0.02	0.02	0.04	<0.01	0.17	<0.01	0.13	2.79	28.45	98.82	<0.01	0.37	46.22	0.36	<0.02	<0.08	33.98	36.67
3202775 Drill Core	0.10	0.02	0.09	0.03	<0.01	0.23	0.01	0.11	2.55	21.46	99.11	0.01	1.65	32.21	1.61	0.02	<0.08	23.32	26.63
3202776 Drill Core	0.16	0.02	0.13	0.05	<0.01	0.36	<0.01	0.08	0.78	14.76	98.64	<0.01	2.08	21.14	2.02	0.04	<0.08	18.14	8.99
3202777 Drill Core	0.13	0.02	0.10	0.07	<0.01	0.24	<0.01	0.14	3.60	20.58	99.51	<0.01	1.60	31.77	1.57	0.03	<0.08	25.84	17.77
3202778 Drill Core	0.13	0.01	0.10	0.05	<0.01	0.22	0.01	0.11	8.15	18.14	98.88	<0.01	0.84	29.45	0.81	0.02	<0.08	22.93	19.53



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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
3202779	Drill Core	4.38	19.8	222.3	1822.7	115144	30.0	84.5	10.9	90	20.69	738	4.6	<0.5	28	654.8	336.4	<0.5	16	0.02	0.016
3202780	Rock	0.96	1.1	53.6	5.2	154	<0.5	4.8	10.2	439	3.11	<5	0.9	2.5	98	0.8	<0.5	<0.5	102	1.19	0.061
3202781	Drill Core	2.24	17.5	237.0	2281.1	95624	30.9	90.4	15.8	103	22.79	1097	2.8	<0.5	31	613.4	373.8	<0.5	13	0.03	0.017
3202782	Drill Core	1.66	16.6	284.6	4698.0	102634	36.8	84.9	16.6	120	18.21	784	3.1	<0.5	24	563.4	371.0	<0.5	14	0.02	0.014
3202783	Drill Core	4.26	28.8	59.0	774.6	12028	8.6	90.8	13.7	99	12.51	628	6.2	<0.5	55	96.9	134.6	<0.5	13	0.04	0.021
3202784	Drill Core	4.38	26.4	71.6	771.2	5744	8.7	79.5	18.3	95	13.50	474	5.4	<0.5	51	46.7	139.6	<0.5	11	0.04	0.018
3202785	Drill Core	3.74	16.9	60.7	896.6	1919	10.3	79.9	12.2	56	19.77	642	2.9	<0.5	39	14.4	159.6	<0.5	<10	0.03	0.016
3202786	Drill Core	4.08	21.0	43.9	499.5	66	6.8	100.5	12.0	76	14.48	667	4.1	<0.5	57	0.6	138.6	<0.5	<10	0.05	0.024
3202787	Drill Core	5.13	25.9	59.3	896.5	7994	7.5	123.6	14.0	73	12.93	513	6.1	<0.5	31	67.1	141.8	<0.5	<10	0.03	0.014
3202788	Drill Core	6.23	7.1	100.6	1108.0	21812	12.1	161.6	19.3	64	29.61	896	2.6	<0.5	98	139.5	262.7	<0.5	14	0.10	0.043
3202789	Drill Core	4.54	2.1	81.2	645.5	8266	5.5	667.6	101.2	38	16.86	1960	1.7	1.1	309	35.0	239.2	<0.5	20	0.25	0.100
3202790	Drill Core	5.51	2.4	118.7	796.4	13296	7.4	496.5	81.9	44	20.50	1708	1.7	0.7	139	63.7	254.5	<0.5	16	0.15	0.059
3202791	Drill Core	3.86	3.7	120.2	604.4	9975	5.9	574.6	102.6	35	13.01	1203	1.6	1.3	331	40.7	212.6	<0.5	22	0.26	0.095
3202792	Drill Core	3.63	5.3	112.7	490.1	20564	5.9	645.7	146.7	36	7.26	1243	1.7	1.3	389	89.1	195.4	<0.5	25	0.33	0.161
3202793	Drill Core	4.41	2.2	153.4	973.8	56174	9.8	448.3	84.7	40	19.83	1584	1.1	<0.5	168	227.3	298.5	<0.5	18	0.26	0.097
3202794	Drill Core	3.39	1.7	132.5	673.6	57779	6.7	554.3	89.1	88	12.90	1067	1.9	<0.5	283	206.3	206.9	<0.5	26	0.43	0.191
3202795	Drill Core	3.92	1.4	171.3	873.2	56078	10.9	569.4	81.4	58	17.97	1766	1.7	<0.5	256	216.2	319.6	<0.5	25	0.36	0.149
3202796	Drill Core	6.31	1.5	365.1	5349.4	99384	24.1	576.2	81.3	89	22.50	1803	1.4	<0.5	217	320.4	680.4	<0.5	23	0.37	0.163
3202797	Drill Core	4.32	1.4	221.9	1074.8	126944	13.2	610.8	91.9	50	15.76	1410	1.8	0.5	316	392.9	310.8	<0.5	23	0.35	0.148
3202798	Drill Core	4.82	1.5	176.3	1598.6	84869	12.4	538.0	76.4	42	10.56	1054	1.3	<0.5	319	299.0	262.4	<0.5	20	0.39	0.159
3202799	Drill Core	4.90	1.3	202.1	2916.9	67762	16.9	402.1	69.1	47	27.38	2127	1.0	<0.5	100	273.8	390.2	<0.5	17	0.17	0.065
3202800	Rock Pulp	0.04	2.6	319.2	>40000	108376	97.6	21.5	22.5	1271	7.61	155	1.4	6.2	18	360.9	171.0	0.7	<10	3.72	0.037
3202801	Drill Core	2.34	1.5	219.1	1481.7	92748	13.4	473.8	77.6	45	20.43	1653	1.0	<0.5	150	376.7	285.2	<0.5	18	0.22	0.092
3202802	Drill Core	2.16	1.4	218.8	1598.8	113943	13.7	415.6	69.7	47	20.09	1673	1.0	<0.5	153	460.7	282.1	<0.5	19	0.22	0.084
3202803	Drill Core	4.10	2.3	90.0	2330.4	15748	7.3	854.6	129.9	60	10.22	1320	1.0	1.0	540	41.9	174.9	<0.5	27	0.41	0.186
3202804	Drill Core	3.67	2.8	121.2	4962.1	16321	11.6	921.7	168.3	56	9.13	1177	2.2	0.7	600	33.9	191.5	<0.5	39	0.43	0.232
3202805	Drill Core	3.77	7.0	158.7	2052.7	34704	8.7	780.8	146.9	44	11.26	1078	18.1	1.0	275	148.9	204.8	<0.5	39	0.22	0.135
3202806	Drill Core	3.04	18.0	126.5	2790.3	3052	6.5	1030.9	201.5	39	5.98	1074	49.7	1.6	164	124.2	122.0	<0.5	78	0.07	0.091
3202807	Drill Core	3.97	10.6	73.4	1442.6	3687	2.9	738.1	110.4	116	15.21	2491	38.9	1.3	112	135.3	68.4	<0.5	55	0.10	0.070
3202808	Drill Core	3.98	11.9	76.2	1556.3	3717	2.9	485.7	91.0	77	19.87	2540	42.0	1.3	76	230.4	61.2	<0.5	58	0.05	0.051



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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
3202779	Drill Core	0.7	12.4	<0.01	55	<0.001	0.14	<0.01	0.02	<0.5	200.95	<0.5	11.0	28.13	7	7	34.79	1.41	30.26	0.04	0.05
3202780	Rock	6.9	5.9	0.86	192	0.193	2.00	0.25	0.33	<0.5	0.14	3.4	<0.5	<0.05	6	<2	60.01	16.73	6.40	6.28	2.89
3202781	Drill Core	<0.5	13.2	<0.01	70	<0.001	0.12	<0.01	0.02	<0.5	160.42	<0.5	9.3	29.86	6	7	31.39	1.22	33.96	0.05	0.03
3202782	Drill Core	<0.5	13.4	<0.01	155	0.001	0.09	<0.01	0.02	<0.5	160.38	<0.5	7.8	24.91	9	5	40.18	1.34	27.02	0.04	0.03
3202783	Drill Core	<0.5	11.4	<0.01	269	0.001	0.10	<0.01	0.02	<0.5	26.12	<0.5	4.0	14.86	<5	<2	63.81	1.68	18.98	0.07	0.03
3202784	Drill Core	<0.5	7.7	<0.01	133	<0.001	0.11	<0.01	0.03	<0.5	18.96	<0.5	5.5	15.85	<5	<2	62.08	2.33	20.71	0.07	0.05
3202785	Drill Core	<0.5	9.6	<0.01	78	<0.001	0.12	<0.01	0.02	<0.5	12.53	<0.5	3.9	22.98	<5	<2	48.70	2.14	30.53	0.05	0.04
3202786	Drill Core	<0.5	10.8	<0.01	124	<0.001	0.13	<0.01	0.03	<0.5	4.25	<0.5	2.4	16.93	<5	<2	60.42	2.30	22.30	0.08	0.05
3202787	Drill Core	<0.5	9.1	<0.01	255	<0.001	0.10	<0.01	0.02	<0.5	16.80	<0.5	5.7	15.45	<5	<2	63.77	1.96	19.67	0.05	0.04
3202788	Drill Core	0.5	29.0	<0.01	39	0.002	0.12	<0.01	0.02	<0.5	38.56	<0.5	16.6	>30	<5	<2	22.57	1.71	46.42	0.15	0.04
3202789	Drill Core	1.6	97.9	<0.01	96	0.003	0.32	<0.01	0.06	<0.5	16.44	<0.5	12.4	20.10	<5	<2	45.05	7.10	25.69	0.36	0.09
3202790	Drill Core	1.1	70.7	<0.01	76	0.002	0.25	<0.01	0.04	<0.5	25.40	<0.5	13.0	24.75	<5	<2	39.32	5.50	31.70	0.23	0.08
3202791	Drill Core	1.8	66.6	<0.01	130	0.003	0.33	<0.01	0.06	<0.5	19.93	0.5	8.6	15.72	<5	<2	52.47	8.43	19.21	0.37	0.12
3202792	Drill Core	2.0	80.6	0.01	250	0.003	0.42	<0.01	0.07	<0.5	38.37	0.8	7.7	9.20	<5	<2	61.29	9.67	10.77	0.49	0.14
3202793	Drill Core	0.9	60.2	<0.01	90	0.003	0.22	<0.01	0.04	<0.5	90.24	<0.5	13.1	24.56	7	<2	37.92	5.06	28.63	0.36	0.06
3202794	Drill Core	1.2	75.8	0.01	106	0.003	0.37	<0.01	0.06	<0.5	95.50	0.6	5.5	17.41	6	<2	47.31	7.58	19.04	0.62	0.10
3202795	Drill Core	0.7	92.0	<0.01	102	0.003	0.30	<0.01	0.05	<0.5	97.91	1.0	9.1	23.47	8	<2	37.80	6.08	27.13	0.51	0.08
3202796	Drill Core	0.7	77.8	0.01	57	0.003	0.28	<0.01	0.05	<0.5	157.61	<0.5	11.3	29.53	10	5	23.97	4.64	33.80	0.53	0.08
3202797	Drill Core	0.8	71.4	0.01	104	0.003	0.29	<0.01	0.05	<0.5	194.95	0.8	6.4	23.50	9	5	33.72	6.57	23.21	0.49	0.08
3202798	Drill Core	0.9	67.2	0.01	133	0.003	0.31	<0.01	0.05	<0.5	124.77	<0.5	5.6	15.53	7	2	50.52	7.03	14.90	0.55	0.08
3202799	Drill Core	0.5	53.3	<0.01	64	0.002	0.19	<0.01	0.03	<0.5	96.43	<0.5	11.8	>30	7	2	19.14	3.65	42.03	0.24	0.06
3202800	Rock Pulp	18.1	11.0	2.06	85	0.011	0.75	<0.01	0.41	<0.5	4.37	2.2	50.5	10.65	5	<2	34.22	6.93	11.39	5.32	3.83
3202801	Drill Core	0.7	47.8	<0.01	71	0.003	0.22	<0.01	0.04	<0.5	116.42	0.5	6.2	27.30	9	2	30.65	4.88	30.68	0.32	0.06
3202802	Drill Core	0.7	52.3	<0.01	60	0.002	0.24	<0.01	0.04	<0.5	138.21	0.6	5.7	26.76	9	<2	29.10	4.77	29.74	0.32	0.07
3202803	Drill Core	1.5	91.6	0.01	179	0.004	0.43	<0.01	0.08	<0.5	24.34	0.8	3.9	12.32	<5	<2	55.44	9.64	15.03	0.59	0.11
3202804	Drill Core	1.4	110.0	0.01	181	0.004	0.62	<0.01	0.09	<0.5	21.31	1.1	4.0	11.12	<5	<2	55.24	10.72	13.48	0.62	0.12
3202805	Drill Core	1.7	88.1	<0.01	114	0.003	0.41	<0.01	0.06	<0.5	38.09	1.9	5.4	14.51	6	<2	51.97	8.72	16.82	0.33	0.09
3202806	Drill Core	4.0	103.1	0.01	481	0.003	0.46	<0.01	0.07	<0.5	4.47	4.8	3.1	7.12	8	<2	63.12	11.57	8.94	0.14	0.14
3202807	Drill Core	2.6	75.0	0.02	101	0.003	0.37	<0.01	0.06	<0.5	4.55	4.2	2.0	17.98	7	<2	48.01	8.67	23.41	0.16	0.11
3202808	Drill Core	2.8	65.7	<0.01	90	0.003	0.34	<0.01	0.04	<0.5	4.18	3.8	2.3	23.48	7	<2	40.44	6.87	30.30	0.10	0.08



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Method Analyte Unit MDL		LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC000	TC000	TC005	TC005	TC006	TC010	TC010
		K2O	MnO	TiO2	P2O5	Cr2O3	Ba	Cu	Pb	Zn	LOI	SUM_T	V2O5	TOT/C	TOT/S	C/ORG	C/GRA	CO2	S/S-	SO4
		%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-5.11	0.01	0.01	0.02	0.02	0.02	0.02	0.08	0.02
3202779	Drill Core	0.17	0.02	0.12	0.06	<0.01	0.30	0.02	0.21	11.13	18.50	99.95	<0.01	0.64	30.30	0.61	<0.02	<0.08	23.57	20.16
3202780	Rock	1.50	0.13	0.54	0.14	<0.01	0.07	<0.01	0.01	0.02	0.92	98.89	0.03	0.06	0.05	0.05	<0.02	<0.08	0.02	<0.15
3202781	Drill Core	0.15	0.02	0.09	0.05	<0.01	0.23	0.02	0.24	9.26	20.42	99.56	<0.01	1.01	33.01	0.97	0.03	<0.08	23.88	27.35
3202782	Drill Core	0.19	0.02	0.11	0.05	<0.01	0.24	0.02	0.48	9.91	17.18	99.41	0.01	1.11	26.85	1.12	<0.02	<0.08	21.42	16.27
3202783	Drill Core	0.22	0.01	0.12	0.08	<0.01	0.31	<0.01	0.08	1.23	11.91	98.90	0.01	2.23	15.88	2.18	0.04	<0.08	14.07	5.42
3202784	Drill Core	0.30	<0.01	0.15	0.07	<0.01	0.47	<0.01	0.08	0.59	12.55	99.69	0.01	2.10	17.06	2.05	0.04	<0.08	15.14	5.75
3202785	Drill Core	0.27	0.01	0.12	0.05	<0.01	0.43	<0.01	0.09	0.20	16.76	99.55	<0.01	1.25	24.65	1.23	<0.02	<0.08	22.45	6.59
3202786	Drill Core	0.31	0.02	0.17	0.07	<0.01	0.40	<0.01	0.04	<0.01	12.92	99.22	<0.01	1.68	17.82	1.66	<0.02	<0.08	15.93	5.66
3202787	Drill Core	0.24	0.01	0.12	0.05	<0.01	0.35	<0.01	0.09	0.80	12.05	99.50	<0.01	2.06	15.84	2.01	0.03	<0.08	14.54	3.89
3202788	Drill Core	0.18	<0.01	0.40	0.12	0.02	0.37	<0.01	0.12	2.18	24.73	99.66	0.01	0.63	37.90	0.61	<0.02	<0.08	29.90	23.97
3202789	Drill Core	0.75	<0.01	1.60	0.29	0.11	1.68	<0.01	0.07	0.84	14.61	98.78	0.03	0.47	21.37	0.44	<0.02	<0.08	19.26	6.32
3202790	Drill Core	0.58	<0.01	1.13	0.19	0.06	1.30	0.01	0.08	1.35	17.33	99.47	0.02	0.42	26.83	0.40	<0.02	<0.08	18.66	24.48
3202791	Drill Core	0.89	<0.01	1.73	0.31	0.10	1.92	<0.01	0.06	0.99	11.70	98.93	0.04	0.56	15.77	0.52	<0.02	<0.08	14.79	2.94
3202792	Drill Core	1.04	0.01	1.99	0.40	0.12	2.17	<0.01	0.04	2.05	7.90	99.02	0.05	0.69	9.68	0.65	0.02	<0.08	8.83	2.54
3202793	Drill Core	0.54	<0.01	1.11	0.29	0.06	1.14	<0.01	0.09	5.36	16.81	98.99	0.02	0.38	25.50	0.36	<0.02	<0.08	22.03	10.40
3202794	Drill Core	0.83	0.01	1.79	0.50	0.10	1.62	0.02	0.07	5.73	12.25	99.34	0.04	0.37	18.15	0.35	<0.02	0.09	14.13	12.04
3202795	Drill Core	0.68	<0.01	1.35	0.42	0.08	1.25	0.01	0.08	5.59	16.20	98.92	0.03	0.31	26.29	0.28	<0.02	0.09	22.54	11.24
3202796	Drill Core	0.52	<0.01	1.00	0.42	0.05	0.95	0.03	0.54	9.63	20.18	99.04	0.02	0.27	32.35	0.24	<0.02	0.10	26.94	16.21
3202797	Drill Core	0.72	0.01	1.52	0.40	0.09	1.38	0.02	0.11	12.33	15.61	99.72	0.03	0.23	25.09	0.20	<0.02	0.08	22.12	8.90
3202798	Drill Core	0.75	<0.01	1.49	0.46	0.09	1.52	0.01	0.16	8.04	10.66	98.58	0.03	0.31	15.89	0.28	<0.02	0.11	13.61	6.83
3202799	Drill Core	0.39	0.01	0.71	0.20	0.03	0.73	0.01	0.29	6.78	23.43	99.60	0.02	0.19	36.04	0.18	<0.02	<0.08	31.26	14.32
3202800	Rock Pulp	3.46	0.17	0.23	0.09	<0.01	0.08	0.03	4.82	10.69	14.51	98.98	<0.01	2.52	11.34	0.42	<0.02	7.72	5.05	18.84
3202801	Drill Core	0.52	<0.01	0.95	0.25	0.05	1.03	0.02	0.14	9.14	18.37	99.61	0.02	0.20	28.45	0.19	<0.02	<0.08	26.44	6.02
3202802	Drill Core	0.51	<0.01	0.94	0.26	0.06	0.98	0.02	0.16	11.00	18.35	99.31	0.02	0.19	29.13	0.17	<0.02	<0.08	26.69	7.31
3202803	Drill Core	1.09	<0.01	2.15	0.48	0.14	1.96	<0.01	0.23	1.56	9.59	98.82	0.04	0.27	12.87	0.24	<0.02	<0.08	12.01	2.58
3202804	Drill Core	1.21	<0.01	2.30	0.66	0.17	2.09	<0.01	0.49	1.63	9.14	98.78	0.05	0.32	11.82	0.30	<0.02	<0.08	10.66	3.48
3202805	Drill Core	1.00	0.01	1.83	0.36	0.14	1.89	0.01	0.21	3.47	10.94	99.02	0.04	0.31	15.41	0.27	<0.02	<0.08	13.90	4.52
3202806	Drill Core	1.38	<0.01	2.63	0.28	0.22	2.07	<0.01	0.29	0.31	7.11	98.71	0.07	0.47	7.48	0.41	0.04	<0.08	6.81	2.00
3202807	Drill Core	1.02	0.02	1.93	0.22	0.16	1.50	<0.01	0.14	0.38	13.39	99.53	0.05	0.32	18.63	0.27	<0.02	0.11	17.56	3.21
3202808	Drill Core	0.76	0.01	1.63	0.17	0.11	1.10	<0.01	0.15	0.37	16.68	99.13	0.04	0.27	25.08	0.24	<0.02	0.10	21.74	10.01



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Project: MacMillan Pass
Report Date: November 18, 2020

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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			
					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
3202809	Drill Core																							
3202810	Drill Core																							
3202811	Drill Core																							
3202812	Drill Core																							
3202813	Drill Core																							
3202814	Drill Core																							
3202815	Drill Core																							
3202816	Drill Core																							
3202817	Drill Core																							
3202818	Drill Core																							
3202819	Drill Core																							
3202820	Rock Pulp																							
3202821	Drill Core																							
3202822	Drill Core																							
3202823	Drill Core																							
3202824	Drill Core																							
3202825	Drill Core																							
3202826	Drill Core																							
3202827	Drill Core																							
3202828	Drill Core																							



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MacMillan Pass

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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	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
3202809	Drill Core	3.2	73.6	<0.01	111	0.002	0.39	<0.01	0.06	<0.5	2.59	4.7	4.3	19.10	7	<2	46.92	8.42	24.37	0.10	0.11
3202810	Drill Core	0.7	31.3	<0.01	30	0.001	0.14	<0.01	0.02	<0.5	33.67	1.1	8.4	>30	6	<2	9.49	1.62	54.22	0.05	0.05
3202811	Drill Core	2.8	20.0	<0.01	98	0.001	0.34	<0.01	0.04	<0.5	17.96	2.1	5.7	19.88	<5	4	47.67	4.94	24.75	0.67	0.08
3202812	Drill Core	3.4	27.0	<0.01	381	0.002	0.36	<0.01	0.06	<0.5	9.01	3.2	6.3	14.07	<5	4	59.71	4.82	18.00	0.62	0.08
3202813	Drill Core	2.0	16.6	<0.01	384	0.003	0.32	<0.01	0.07	<0.5	5.32	1.0	5.6	12.88	<5	5	60.62	3.75	16.57	1.68	0.07
3202814	Drill Core	1.2	15.8	<0.01	409	0.003	0.24	<0.01	0.06	<0.5	3.73	0.7	7.7	17.69	<5	<2	54.40	3.05	22.39	1.62	0.05
3202815	Drill Core	3.5	28.0	0.01	1073	0.006	0.65	<0.01	0.17	<0.5	1.26	2.3	2.2	6.57	<5	2	63.15	6.63	8.65	3.74	0.15
3202816	Drill Core	1.2	12.4	<0.01	353	0.002	0.26	<0.01	0.07	<0.5	4.40	0.8	4.5	16.07	<5	3	56.72	3.10	20.76	1.51	0.06
3202817	Drill Core	1.2	12.8	<0.01	444	0.002	0.36	<0.01	0.09	<0.5	2.55	1.2	2.7	10.38	<5	<2	67.90	4.18	13.25	1.25	0.09
3202818	Drill Core	0.8	11.2	<0.01	483	0.001	0.30	<0.01	0.08	<0.5	1.73	0.9	2.6	10.74	<5	<2	68.86	3.61	13.63	0.68	0.10
3202819	Drill Core	1.5	15.1	<0.01	794	0.002	0.42	<0.01	0.11	<0.5	4.11	1.4	1.2	2.94	<5	<2	79.55	5.04	3.73	1.25	0.11
3202820	Rock Pulp	21.4	14.5	2.69	238	0.016	0.98	0.01	0.65	<0.5	0.71	2.5	42.2	7.80	<5	<2	38.04	7.68	10.86	6.93	4.85
3202821	Drill Core	1.0	11.4	<0.01	189	<0.001	0.24	<0.01	0.05	<0.5	4.68	0.6	4.0	23.08	<5	2	45.37	3.18	29.26	0.42	0.07
3202822	Drill Core	0.9	10.3	<0.01	182	0.001	0.22	<0.01	0.05	<0.5	9.16	0.6	4.3	26.36	<5	3	40.40	2.69	33.15	0.52	0.05
3202823	Drill Core	<0.5	4.9	<0.01	55	<0.001	0.06	<0.01	<0.01	<0.5	14.91	<0.5	5.3	>30	<5	2	16.72	0.44	52.92	0.18	0.03
3202824	Drill Core	2.1	11.8	<0.01	124	0.001	0.20	<0.01	0.04	<0.5	4.74	0.6	4.3	>30	<5	<2	30.29	1.97	41.57	0.76	0.05
3202825	Drill Core	1.6	10.9	<0.01	125	0.001	0.17	<0.01	0.03	<0.5	3.78	<0.5	5.4	>30	<5	<2	25.76	1.54	44.72	0.58	0.04
3202826	Drill Core	0.8	6.4	<0.01	115	0.001	0.14	<0.01	0.03	<0.5	7.22	<0.5	4.1	>30	<5	<2	32.11	1.41	41.02	0.30	0.03
3202827	Drill Core	0.9	10.2	<0.01	145	<0.001	0.17	<0.01	0.03	<0.5	11.73	<0.5	4.7	>30	<5	3	32.11	1.54	39.82	0.42	0.03
3202828	Drill Core	0.8	12.0	<0.01	78	0.001	0.20	<0.01	0.05	<0.5	3.59	<0.5	5.1	>30	<5	3	27.67	2.24	43.51	0.35	0.05



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Project: MacMillan Pass
Report Date: November 18, 2020

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC000	TC000	TC005	TC005	TC006	TC010	TC010
		K2O	MnO	TiO2	P2O5	Cr2O3	Ba	Cu	Pb	Zn	LOI	SUM_T	V2O5	TOT/C	TOT/S	C/ORG	C/GRA	CO2	S/S-
		%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-5.11	0.01	0.01	0.02	0.02	0.02	0.02	0.08	0.02
3202809	Drill Core	1.06	0.01	1.79	0.23	0.16	1.23	<0.01	0.15	0.13	14.25	99.25	0.06	0.40	19.31	0.37	<0.02	<0.08	18.18
3202810	Drill Core	0.20	<0.01	0.21	0.06	0.01	0.23	<0.01	0.32	3.56	28.81	99.83	0.01	0.39	43.51	0.39	<0.02	<0.08	35.88
3202811	Drill Core	0.54	<0.01	0.25	0.65	<0.01	0.45	<0.01	0.15	1.61	16.96	99.26	0.05	2.94	21.58	2.90	<0.02	<0.08	18.80
3202812	Drill Core	0.68	<0.01	0.25	0.62	0.01	0.41	<0.01	0.05	0.77	13.64	99.98	0.06	3.62	14.44	3.55	0.06	<0.08	11.92
3202813	Drill Core	0.56	<0.01	0.25	1.36	<0.01	0.34	<0.01	0.10	0.41	13.28	99.20	0.05	4.27	13.60	4.16	0.10	<0.08	11.47
3202814	Drill Core	0.44	0.01	0.19	1.28	<0.01	0.28	<0.01	0.05	0.10	15.09	99.09	0.03	3.36	17.99	3.31	0.04	<0.08	16.53
3202815	Drill Core	1.08	0.01	0.34	3.00	0.01	0.57	<0.01	0.02	0.02	11.20	98.71	0.06	5.77	6.69	5.42	0.33	<0.08	4.43
3202816	Drill Core	0.48	<0.01	0.13	1.23	<0.01	0.27	0.01	0.05	0.34	14.42	99.24	0.04	3.48	16.90	3.13	0.34	<0.08	15.48
3202817	Drill Core	0.67	0.02	0.21	1.02	<0.01	0.42	<0.01	0.04	0.21	10.39	99.82	0.04	3.20	10.57	2.92	0.28	<0.08	8.62
3202818	Drill Core	0.58	0.01	0.18	0.57	<0.01	0.37	<0.01	0.04	0.09	10.19	99.02	0.03	2.82	10.92	2.57	0.24	<0.08	4.46
3202819	Drill Core	0.81	<0.01	0.28	1.08	<0.01	0.51	<0.01	<0.01	0.48	6.36	99.47	0.04	3.89	3.01	2.89	0.99	<0.08	2.60
3202820	Rock Pulp	3.55	0.28	0.25	0.13	<0.01	0.09	0.04	3.51	4.98	16.36	99.25	<0.01	3.22	7.85	0.47	<0.02	10.05	4.53
3202821	Drill Core	0.49	<0.01	0.18	0.39	<0.01	0.34	<0.01	0.06	0.39	17.95	98.30	0.03	2.51	23.28	2.40	0.11	<0.08	22.28
3202822	Drill Core	0.41	0.01	0.14	0.47	<0.01	0.27	<0.01	0.08	0.86	19.40	98.76	0.02	2.05	27.61	1.95	0.10	<0.08	24.54
3202823	Drill Core	0.04	<0.01	0.02	0.17	<0.01	0.06	<0.01	0.09	0.82	27.48	99.23	0.01	0.46	42.00	0.45	<0.02	<0.08	37.32
3202824	Drill Core	0.28	0.01	0.08	0.67	<0.01	0.22	<0.01	0.07	0.07	23.28	99.38	0.02	2.24	33.44	2.14	0.09	<0.08	17.29
3202825	Drill Core	0.22	<0.01	0.06	0.54	<0.01	0.18	<0.01	0.07	0.04	24.88	98.67	0.02	2.08	36.47	2.01	0.06	<0.08	31.07
3202826	Drill Core	0.19	0.01	0.04	0.37	<0.01	0.18	0.05	0.06	0.39	22.27	98.57	0.01	1.28	33.85	1.23	0.05	<0.08	30.41
3202827	Drill Core	0.21	<0.01	0.05	0.52	<0.01	0.17	<0.01	0.06	0.97	22.46	98.66	0.02	1.78	33.97	1.69	0.08	<0.08	30.83
3202828	Drill Core	0.31	0.01	0.08	0.51	<0.01	0.27	<0.01	0.06	0.06	24.16	99.40	0.03	1.93	34.60	1.84	0.10	<0.08	30.13



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QUALITY CONTROL REPORT

WHI20000536.1

	Method	WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
3202767	Drill Core	3.59	21.0	88.0	946.6	14372	13.9	72.2	41.7	170	18.74	523	3.6	<0.5	23	96.5	176.6	<0.5	21	0.03	0.010
3202802	Drill Core	2.16	1.4	218.8	1598.8	113943	13.7	415.6	69.7	47	20.09	1673	1.0	<0.5	153	460.7	282.1	<0.5	19	0.22	0.084
3202824	Drill Core	6.05	1.7	69.7	650.0	635	6.3	64.8	9.9	67	26.86	535	3.6	<0.5	471	2.7	136.4	<0.5	30	0.55	0.257
Pulp Duplicates																					
3202752	Drill Core	4.52	19.4	55.8	510.8	552	9.1	73.4	21.5	90	19.86	456	4.4	<0.5	14	4.2	116.2	<0.5	26	0.03	0.009
REP 3202752	QC																				
3202755	Drill Core	3.83	39.2	48.2	461.9	2477	8.0	107.9	26.8	73	13.29	802	4.7	<0.5	33	15.3	140.1	<0.5	39	0.05	0.021
REP 3202755	QC																				
3202758	Drill Core	3.47	31.1	57.5	443.0	5502	7.7	84.2	26.5	98	13.10	501	5.3	<0.5	33	40.0	105.7	<0.5	31	0.04	0.018
REP 3202758	QC																				
3202766	Drill Core	4.25	18.1	47.6	501.8	1283	7.5	64.5	26.7	100	18.95	423	4.7	<0.5	25	8.4	102.6	<0.5	22	0.04	0.015
REP 3202766	QC																				
3202776	Drill Core	4.16	27.3	61.6	667.5	7789	7.7	79.4	15.4	103	16.66	414	4.9	<0.5	41	50.8	152.4	<0.5	15	0.04	0.017
REP 3202776	QC																				
3202779	Drill Core	4.38	19.8	222.3	1822.7	115144	30.0	84.5	10.9	90	20.69	738	4.6	<0.5	28	654.8	336.4	<0.5	16	0.02	0.016
REP 3202779	QC																				
REP 3202780	QC		1.0	53.1	5.0	121	<0.5	4.8	10.6	438	3.11	<5	1.0	2.8	97	0.7	<0.5	<0.5	102	1.20	0.057
3202785	Drill Core	3.74	16.9	60.7	896.6	1919	10.3	79.9	12.2	56	19.77	642	2.9	<0.5	39	14.4	159.6	<0.5	<10	0.03	0.016
REP 3202785	QC																				
3202788	Drill Core	6.23	7.1	100.6	1108.0	21812	12.1	161.6	19.3	64	29.61	896	2.6	<0.5	98	139.5	262.7	<0.5	14	0.10	0.043
REP 3202788	QC																				
3202792	Drill Core	3.63	5.3	112.7	490.1	20564	5.9	645.7	146.7	36	7.26	1243	1.7	1.3	389	89.1	195.4	<0.5	25	0.33	0.161
REP 3202792	QC																				
3202800	Rock Pulp	0.04	2.6	319.2	>40000	108376	97.6	21.5	22.5	1271	7.61	155	1.4	6.2	18	360.9	171.0	0.7	<10	3.72	0.037
REP 3202800	QC																				
3202812	Drill Core	4.37	5.9	118.1	501.0	7583	6.6	119.9	13.7	60	11.75	408	39.5	1.0	360	96.1	196.6	<0.5	73	0.44	0.219
REP 3202812	QC																				
REP 3202814	QC																				
REP 3202814	QC		2.8	63.8	467.5	1007	4.3	70.2	13.5	58	14.90	566	3.5	<0.5	772	5.5	155.6	<0.5	35	1.19	0.525



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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
3202767	Drill Core	0.5	11.7	<0.01	78	<0.001	0.40	<0.01	0.02	<0.5	25.82	<0.5	7.2	21.80	<5	3	48.92	1.51	28.27	0.06	0.05
3202802	Drill Core	0.7	52.3	<0.01	60	0.002	0.24	<0.01	0.04	<0.5	138.21	0.6	5.7	26.76	9	<2	29.10	4.77	29.74	0.32	0.07
3202824	Drill Core	2.1	11.8	<0.01	124	0.001	0.20	<0.01	0.04	<0.5	4.74	0.6	4.3	>30	<5	<2	30.29	1.97	41.57	0.76	0.05
Pulp Duplicates																					
3202752	Drill Core	0.6	14.9	<0.01	87	<0.001	1.15	<0.01	0.01	<0.5	5.76	1.0	6.1	23.11	<5	<2	45.78	2.31	30.02	0.05	0.03
REP 3202752	QC																45.89	2.36	30.00	0.05	0.02
3202755	Drill Core	0.9	17.6	<0.01	135	0.001	1.10	<0.01	0.02	<0.5	7.86	1.2	7.3	14.58	<5	2	60.60	2.55	19.20	0.08	0.04
REP 3202755	QC																61.02	2.54	19.32	0.07	0.03
3202758	Drill Core	0.8	16.8	<0.01	98	0.001	1.11	<0.01	0.02	<0.5	11.51	1.2	6.1	14.58	<5	<2	60.77	2.55	19.22	0.07	0.03
REP 3202758	QC																				
3202766	Drill Core	<0.5	14.1	<0.01	100	<0.001	0.64	<0.01	0.02	<0.5	5.48	0.9	4.4	21.84	<5	2	50.05	1.85	28.39	0.07	0.04
REP 3202766	QC																				
3202776	Drill Core	<0.5	10.9	<0.01	77	0.001	0.16	<0.01	0.02	<0.5	17.99	<0.5	5.4	19.40	<5	2	55.68	1.31	24.92	0.07	0.06
REP 3202776	QC																				
3202779	Drill Core	0.7	12.4	<0.01	55	<0.001	0.14	<0.01	0.02	<0.5	200.95	<0.5	11.0	28.13	7	7	34.79	1.41	30.26	0.04	0.05
REP 3202779	QC																				
REP 3202780	QC	7.0	6.6	0.86	197	0.190	2.03	0.26	0.34	<0.5	0.15	4.1	<0.5	<0.05	6	<2					
3202785	Drill Core	<0.5	9.6	<0.01	78	<0.001	0.12	<0.01	0.02	<0.5	12.53	<0.5	3.9	22.98	<5	<2	48.70	2.14	30.53	0.05	0.04
REP 3202785	QC																48.74	2.17	30.74	0.06	0.05
3202788	Drill Core	0.5	29.0	<0.01	39	0.002	0.12	<0.01	0.02	<0.5	38.56	<0.5	16.6	>30	<5	<2	22.57	1.71	46.42	0.15	0.04
REP 3202788	QC																22.50	1.71	46.14	0.15	0.04
3202792	Drill Core	2.0	80.6	0.01	250	0.003	0.42	<0.01	0.07	<0.5	38.37	0.8	7.7	9.20	<5	<2	61.29	9.67	10.77	0.49	0.14
REP 3202792	QC																				
3202800	Rock Pulp	18.1	11.0	2.06	85	0.011	0.75	<0.01	0.41	<0.5	4.37	2.2	50.5	10.65	5	<2	34.22	6.93	11.39	5.32	3.83
REP 3202800	QC																				
3202812	Drill Core	3.4	27.0	<0.01	381	0.002	0.36	<0.01	0.06	<0.5	9.01	3.2	6.3	14.07	<5	4	59.71	4.82	18.00	0.62	0.08
REP 3202812	QC																				
REP 3202814	QC																				
REP 3202814	QC	1.2	15.8	<0.01	272	0.003	0.26	<0.01	0.06	<0.5	3.15	0.9	7.5	17.43	<5	<2					



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	Method Analyte Unit MDL	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC000	TC000	TC005	TC005	TC006	TC010	TC010		
		K2O	MnO	TiO2	P2O5	Cr2O3	Ba	Cu	Pb	Zn	LOI	SUM_T	V2O5	TOT/C	TOT/S	C/ORG	C/GRA	CO2	S/S-	SO4		
		%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%		
		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-5.11	0.01	0.01	0.02	0.02	0.02	0.02	0.08	0.02	0.15	
3202767	Drill Core	0.12	0.02	0.11	0.04	<0.01	1.03	<0.01	0.11	1.45	16.39	98.62	<0.01	1.98	24.68	1.94	0.03	<0.08	19.70	14.92		
3202802	Drill Core	0.51	<0.01	0.94	0.26	0.06	0.98	0.02	0.16	11.00	18.35	99.31	0.02	0.19	29.13	0.17	<0.02	<0.08	26.69	7.31		
3202824	Drill Core	0.28	0.01	0.08	0.67	<0.01	0.22	<0.01	0.07	0.07	23.28	99.38	0.02	2.24	33.44	2.14	0.09	<0.08	17.29	48.39		
Pulp Duplicates																						
3202752	Drill Core	0.01	0.02	0.12	0.03	<0.01	2.76	<0.01	0.07	0.05	16.74	98.33	0.01	1.62	25.06	1.60	0.02	<0.08	18.90	18.46		
REP 3202752	QC	0.02	0.02	0.12	0.03	<0.01	2.75	<0.01	0.06	0.05	16.74	98.47	0.01									
3202755	Drill Core	0.07	0.01	0.17	0.07	<0.01	2.65	<0.01	0.05	0.24	12.91	98.99	0.02	3.24	15.63	3.16	0.06	<0.08	13.56	6.20		
REP 3202755	QC	0.07	0.01	0.17	0.05	<0.01	2.65	<0.01	0.06	0.24	12.91	99.54	0.02									
3202758	Drill Core	0.06	0.02	0.16	0.05	<0.01	2.69	<0.01	0.05	0.54	12.27	99.00	0.02	2.63	16.06	2.54	0.07	<0.08	12.43	10.88		
REP 3202758	QC																		<0.08			
3202766	Drill Core	0.10	0.02	0.13	0.05	<0.01	1.51	<0.01	0.06	0.13	16.14	98.79	<0.01	1.87	23.59	1.80	0.05	<0.08	20.26	9.98		
REP 3202766	QC																		0.04			
3202776	Drill Core	0.16	0.02	0.13	0.05	<0.01	0.36	<0.01	0.08	0.78	14.76	98.64	<0.01	2.08	21.14	2.02	0.04	<0.08	18.14	8.99		
REP 3202776	QC																		18.46			
3202779	Drill Core	0.17	0.02	0.12	0.06	<0.01	0.30	0.02	0.21	11.13	18.50	99.95	<0.01	0.64	30.30	0.61	<0.02	<0.08	23.57	20.16		
REP 3202779	QC														0.62	31.12						
REP 3202780	QC																					
3202785	Drill Core	0.27	0.01	0.12	0.05	<0.01	0.43	<0.01	0.09	0.20	16.76	99.55	<0.01	1.25	24.65	1.23	<0.02	<0.08	22.45	6.59		
REP 3202785	QC	0.27	<0.01	0.12	0.04	<0.01	0.43	<0.01	0.09	0.20	16.76	99.80	0.01									
3202788	Drill Core	0.18	<0.01	0.40	0.12	0.02	0.37	<0.01	0.12	2.18	24.73	99.66	0.01	0.63	37.90	0.61	<0.02	<0.08	29.90	23.97		
REP 3202788	QC	0.18	<0.01	0.41	0.13	<0.01	0.37	<0.01	0.10	2.17	24.73	99.28	0.02									
3202792	Drill Core	1.04	0.01	1.99	0.40	0.12	2.17	<0.01	0.04	2.05	7.90	99.02	0.05	0.69	9.68	0.65	0.02	<0.08	8.83	2.54		
REP 3202792	QC																		<0.08			
3202800	Rock Pulp	3.46	0.17	0.23	0.09	<0.01	0.08	0.03	4.82	10.69	14.51	98.98	<0.01	2.52	11.34	0.42	<0.02	7.72	5.05	18.84		
REP 3202800	QC																		<0.02			
3202812	Drill Core	0.68	<0.01	0.25	0.62	0.01	0.41	<0.01	0.05	0.77	13.64	99.98	0.06	3.62	14.44	3.55	0.06	<0.08	11.92	7.55		
REP 3202812	QC																		11.64			
REP 3202814	QC														3.36	18.47						
REP 3202814	QC																					



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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
3202816	Drill Core	3.72	4.4	76.1	452.3	3381	3.9	88.9	11.8	58	13.84	407	4.1	<0.5	786	16.0	104.9	<0.5	37	1.09	0.451
REP 3202816	QC																				
3202817	Drill Core	3.80	1.6	67.5	434.1	2094	3.7	58.0	8.0	46	8.92	220	4.0	<0.5	629	12.3	89.1	<0.5	40	0.90	0.464
REP 3202817	QC																				
3202820	Rock Pulp	0.05	3.8	465.7	33125.1	48310	55.1	15.5	42.4	2196	7.20	153	1.5	6.5	25	169.9	45.4	<0.5	<10	4.99	0.055
REP 3202820	QC																				
3202823	Drill Core	6.96	0.6	93.4	889.3	8457	8.9	24.4	3.9	83	34.52	384	1.7	<0.5	130	34.7	125.4	<0.5	12	0.13	0.068
REP 3202823	QC																				
3202826	Drill Core	5.16	0.9	59.4	607.9	4081	5.7	37.3	7.3	71	26.69	410	2.5	<0.5	254	19.7	112.8	<0.5	21	0.22	0.103
REP 3202826	QC																				
3202827	Drill Core	5.49	1.7	74.5	691.1	9929	7.7	54.3	8.1	67	25.79	369	2.4	<0.5	431	51.2	149.9	<0.5	29	0.31	0.168
REP 3202827	QC																				
3202828	Drill Core	5.31	1.4	57.4	569.5	544	5.8	50.1	7.6	56	27.29	365	2.4	<0.5	310	4.3	121.8	<0.5	36	0.24	0.127
REP 3202828	QC		1.5	58.0	556.8	546	5.9	48.1	8.0	53	27.16	363	2.4	<0.5	298	4.5	120.3	<0.5	36	0.24	0.124
Core Reject Duplicates																					
3202780	Rock	0.96	1.1	53.6	5.2	154	<0.5	4.8	10.2	439	3.11	<5	0.9	2.5	98	0.8	<0.5	<0.5	102	1.19	0.061
DUP 3202780	QC		0.9	52.4	5.2	115	<0.5	4.5	10.2	410	3.02	<5	0.9	2.6	93	0.6	<0.5	<0.5	102	1.17	0.060
3202814	Drill Core	4.33	3.0	65.5	465.9	1033	4.4	75.9	13.2	67	15.29	585	3.7	<0.5	790	6.0	159.8	<0.5	30	1.19	0.552
DUP 3202814	QC		2.7	63.5	488.0	1025	4.6	71.4	12.4	63	14.85	565	3.8	<0.5	808	5.9	157.9	<0.5	34	1.19	0.539
Reference Materials																					
STD COO2	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD GGC-10	Standard																				
STD GGC-10	Standard																				
STD GGC-10	Standard																				



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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
3202816	Drill Core	1.2	12.4	<0.01	353	0.002	0.26	<0.01	0.07	<0.5	4.40	0.8	4.5	16.07	<5	3	56.72	3.10	20.76	1.51	0.06
REP 3202816	QC																56.71	3.06	20.67	1.53	0.07
3202817	Drill Core	1.2	12.8	<0.01	444	0.002	0.36	<0.01	0.09	<0.5	2.55	1.2	2.7	10.38	<5	<2	67.90	4.18	13.25	1.25	0.09
REP 3202817	QC																				
3202820	Rock Pulp	21.4	14.5	2.69	238	0.016	0.98	0.01	0.65	<0.5	0.71	2.5	42.2	7.80	<5	<2	38.04	7.68	10.86	6.93	4.85
REP 3202820	QC																				
3202823	Drill Core	<0.5	4.9	<0.01	55	<0.001	0.06	<0.01	<0.01	<0.5	14.91	<0.5	5.3	>30	<5	2	16.72	0.44	52.92	0.18	0.03
REP 3202823	QC																				
3202826	Drill Core	0.8	6.4	<0.01	115	0.001	0.14	<0.01	0.03	<0.5	7.22	<0.5	4.1	>30	<5	<2	32.11	1.41	41.02	0.30	0.03
REP 3202826	QC																				
3202827	Drill Core	0.9	10.2	<0.01	145	<0.001	0.17	<0.01	0.03	<0.5	11.73	<0.5	4.7	>30	<5	3	32.11	1.54	39.82	0.42	0.03
REP 3202827	QC																				
3202828	Drill Core	0.8	12.0	<0.01	78	0.001	0.20	<0.01	0.05	<0.5	3.59	<0.5	5.1	>30	<5	3	27.67	2.24	43.51	0.35	0.05
REP 3202828	QC	0.8	12.4	<0.01	101	<0.001	0.20	<0.01	0.05	<0.5	3.56	<0.5	5.2	>30	<5	3					
Core Reject Duplicates																					
3202780	Rock	6.9	5.9	0.86	192	0.193	2.00	0.25	0.33	<0.5	0.14	3.4	<0.5	<0.05	6	<2	60.01	16.73	6.40	6.28	2.89
DUP 3202780	QC	6.9	5.8	0.86	190	0.194	2.00	0.25	0.33	<0.5	0.13	3.8	<0.5	<0.05	6	<2	60.54	16.80	6.40	6.28	2.89
3202814	Drill Core	1.2	15.8	<0.01	409	0.003	0.24	<0.01	0.06	<0.5	3.73	0.7	7.7	17.69	<5	<2	54.40	3.05	22.39	1.62	0.05
DUP 3202814	QC	1.2	16.2	<0.01	324	0.003	0.25	<0.01	0.06	<0.5	3.29	0.9	7.8	17.10	<5	<2	54.47	2.98	22.25	1.66	0.06
Reference Materials																					
STD COO2	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD GGC-10	Standard																				
STD GGC-10	Standard																				
STD GGC-10	Standard																				



Bureau Veritas Commodities Canada Ltd.

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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 %	TC010 S/S- %	TC010 SO4 %
		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-5.11	0.01	0.01	0.02	0.02	0.02	0.02	0.08	0.02	0.15
3202816	Drill Core	0.48	<0.01	0.13	1.23	<0.01	0.27	0.01	0.05	0.34	14.42	99.24	0.04	3.48	16.90	3.13	0.34	<0.08	15.48	4.25
REP 3202816	QC	0.48	<0.01	0.13	1.23	<0.01	0.28	<0.01	0.04	0.34	14.42	99.12	0.04							
3202817	Drill Core	0.67	0.02	0.21	1.02	<0.01	0.42	<0.01	0.04	0.21	10.39	99.82	0.04	3.20	10.57	2.92	0.28	<0.08	8.62	5.84
REP 3202817	QC																		8.79	
3202820	Rock Pulp	3.55	0.28	0.25	0.13	<0.01	0.09	0.04	3.51	4.98	16.36	99.25	<0.01	3.22	7.85	0.47	<0.02	10.05	4.53	9.95
REP 3202820	QC																	10.19		
3202823	Drill Core	0.04	<0.01	0.02	0.17	<0.01	0.06	<0.01	0.09	0.82	27.48	99.23	0.01	0.46	42.00	0.45	<0.02	<0.08	37.32	14.02
REP 3202823	QC																<0.02			
3202826	Drill Core	0.19	0.01	0.04	0.37	<0.01	0.18	0.05	0.06	0.39	22.27	98.57	0.01	1.28	33.85	1.23	0.05	<0.08	30.41	10.31
REP 3202826	QC																		31.32	
3202827	Drill Core	0.21	<0.01	0.05	0.52	<0.01	0.17	<0.01	0.06	0.97	22.46	98.66	0.02	1.78	33.97	1.69	0.08	<0.08	30.83	9.41
REP 3202827	QC													1.77	32.84					
3202828	Drill Core	0.31	0.01	0.08	0.51	<0.01	0.27	<0.01	0.06	0.06	24.16	99.40	0.03	1.93	34.60	1.84	0.10	<0.08	30.13	13.39
REP 3202828	QC																			
Core Reject Duplicates																				
3202780	Rock	1.50	0.13	0.54	0.14	<0.01	0.07	<0.01	0.01	0.02	0.92	98.89	0.03	0.06	0.05	0.05	<0.02	<0.08	0.02	<0.15
DUP 3202780	QC	1.51	0.14	0.54	0.15	<0.01	0.06	<0.01	0.01	0.02	0.95	99.58	0.03	0.06	0.05	0.05	<0.02	<0.08	0.03	<0.15
3202814	Drill Core	0.44	0.01	0.19	1.28	<0.01	0.28	<0.01	0.05	0.10	15.09	99.09	0.03	3.36	17.99	3.31	0.04	<0.08	16.53	4.37
DUP 3202814	QC	0.45	<0.01	0.16	1.30	<0.01	0.28	<0.01	0.05	0.11	15.07	98.99	0.03	3.32	17.75	3.25	0.04	<0.08	15.28	7.40
Reference Materials																				
STD COO2	Standard																		3.61	
STD COO2	Standard																		3.58	
STD COO2	Standard																		3.49	
STD COO2	Standard																		3.49	
STD COO2	Standard																		3.48	
STD COO2	Standard																		3.47	
STD GGC-10	Standard																		4.57	
STD GGC-10	Standard																		4.86	
STD GGC-10	Standard																		4.49	



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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 GGC-10	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS314-1	Standard																				
STD GS314-1	Standard																				
STD GS314-1	Standard																				
STD GS314-1	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD OREAS135	Standard	7.6	268.2	15823.1	27128	52.7	33.5	27.5	3818	8.61	861	9.9	11.3	24	71.1	35.9	5.0	32	1.75	0.085	
STD OREAS133B(D)	Standard																				
STD OREAS133B(D)	Standard																				
STD OREAS133B(D)	Standard																				
STD OREAS605	Standard	4.7	48204.0	848.0	2132	973.3	1520.6	98.3	79	3.61	1713	0.9	2.4	44	13.9	278.9	19.2	<10	0.18	0.010	
STD OREAS605	Standard	4.5	46617.7	892.0	2103	950.7	1513.3	92.9	90	3.55	1675	0.9	2.5	46	14.6	284.8	19.9	<10	0.18	0.010	
STD OREAS605	Standard	4.7	48831.8	856.7	2152	979.6	1507.8	93.3	88	3.61	1701	1.0	2.6	46	15.3	287.1	20.5	<10	0.18	0.009	
STD OREAS72B	Standard																				
STD OREAS72B	Standard																				
STD OREAS72B	Standard																				
STD OREAS927-AR	Standard	1.0	10644.7	206.5	712	4.1	29.2	31.2	1083	8.20	12	1.9	11.9	12	1.2	1.3	70.7	34	0.31	0.051	
STD OREAS927-AR	Standard	1.0	10522.2	218.5	714	4.8	27.3	29.5	1079	8.03	12	1.6	13.8	13	1.0	1.2	63.2	34	0.29	0.059	
STD RTS-3A	Standard																				
STD RTS-3A	Standard																				
STD RTS-3A	Standard																				
STD RTS-3A	Standard																				
STD SY-4(D)	Standard																				



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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 GGC-10	Standard																				
STD GGC-10	Standard																				
STD GGC-10	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS314-1	Standard																				
STD GS314-1	Standard																				
STD GS314-1	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD OREAS135	Standard	36.4	20.0	0.80	384	0.024	1.06	0.02	0.41	3.0	1.12	2.7	6.8	6.94	7	<2					
STD OREAS133B(D)	Standard																33.59	6.81	11.50	5.28	3.73
STD OREAS133B(D)	Standard																33.74	6.87	11.67	5.31	3.80
STD OREAS133B(D)	Standard																33.83	6.84	11.56	5.34	3.80
STD OREAS605	Standard	7.1	27.8	0.03	193	0.009	0.71	0.03	0.13	6.6	1.55	0.7	17.1	7.76	6	75					
STD OREAS605	Standard	7.5	27.5	0.03	160	0.009	0.71	0.03	0.13	6.8	1.66	1.1	15.8	7.71	7	80					
STD OREAS605	Standard	7.7	27.3	0.03	160	0.009	0.69	0.03	0.12	7.0	1.51	1.0	17.4	7.67	6	78					
STD OREAS72B	Standard																51.18	8.92	9.83	3.95	16.12
STD OREAS72B	Standard																51.15	8.93	9.88	3.98	16.00
STD OREAS72B	Standard																51.16	8.97	9.87	3.98	15.99
STD OREAS927-AR	Standard	26.3	39.5	1.94	45	0.086	3.19	<0.01	0.24	4.2	0.13	3.6	<0.5	1.80	10	15					
STD OREAS927-AR	Standard	26.9	42.5	1.94	46	0.082	3.28	<0.01	0.24	4.9	0.11	3.9	<0.5	1.77	9	15					
STD RTS-3A	Standard																				
STD RTS-3A	Standard																				
STD RTS-3A	Standard																				
STD RTS-3A	Standard																				
STD SY-4(D)	Standard																49.94	20.69	6.17	7.98	0.54



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		LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC000	TC000	TC005	TC005	TC006	TC010	TC010
		K2O	MnO	TiO2	P2O5	Cr2O3	Ba	Cu	Pb	Zn	LOI	SUM_T	V2O5	TOT/C	TOT/S	C/ORG	C/GRA	CO2	S/S-	SO4
		%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-5.11	0.01	0.01	0.02	0.02	0.02	0.02	0.08	0.02	0.15
STD GGC-10	Standard	4.69																		
STD GGC-10	Standard	4.81																		
STD GGC-10	Standard	4.84																		
STD GS311-1	Standard													0.99	2.23					
STD GS311-1	Standard													0.97	2.27					
STD GS311-1	Standard													1.03	2.32					
STD GS314-1	Standard													1.35	29.31					
STD GS314-1	Standard													1.29	29.34					
STD GS314-1	Standard													1.40	29.02					
STD GS910-4	Standard													2.70	8.60					
STD GS910-4	Standard													2.66	8.63					
STD GS910-4	Standard													2.73	8.50					
STD OREAS135	Standard																			
STD OREAS133B(D)	Standard	3.44	0.16	0.21	0.09	<0.01	0.09	0.03	5.05	11.35	13.03	97.70	0.01							
STD OREAS133B(D)	Standard	3.47	0.15	0.22	0.09	<0.01	0.08	0.02	5.08	11.39	13.03	98.29	<0.01							
STD OREAS133B(D)	Standard	3.50	0.16	0.22	0.10	<0.01	0.08	0.02	5.07	11.43	13.03	98.33	<0.01							
STD OREAS605	Standard																			
STD OREAS605	Standard																			
STD OREAS605	Standard																			
STD OREAS72B	Standard	1.33	0.13	0.34	0.06	0.14	0.03	0.02	<0.01	<0.01	5.12	98.47	0.01							
STD OREAS72B	Standard	1.31	0.14	0.35	0.06	0.15	0.03	0.02	<0.01	<0.01	5.12	98.43	0.01							
STD OREAS72B	Standard	1.33	0.13	0.35	0.06	0.14	0.03	0.02	0.02	<0.01	5.12	98.47	0.01							
STD OREAS927-AR	Standard																			
STD OREAS927-AR	Standard																			
STD RTS-3A	Standard																			7.32
STD RTS-3A	Standard																			7.19
STD RTS-3A	Standard																			7.14
STD RTS-3A	Standard																			6.81
STD SY-4(D)	Standard	1.66	0.11	0.31	0.14	<0.01	0.04	<0.01	0.01	0.01	4.56	99.30	<0.01							



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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 SY-4(D)	Standard																			
STD SY-4(D)	Standard																			
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 OREAS605 Expected			4.75	49800	856	2170	984	1568	96	83.44	3.6707	1674	0.9		49	13.6	290	19	7.8	0.182
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 GS311-1 Expected																				
STD GS910-4 Expected																				
STD GS314-1 Expected																				
STD SY-4(D) Expected																				
STD OREAS72B Expected																				
STD OREAS133B(D) Expected																				
STD GGC-10 Expected																				
STD COO2 Expected																				
STD RTS-3A 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	<10	<0.01
BLK	Blank																			
BLK	Blank																			
BLK	Blank		<0.5	<0.5	1.0	<5	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01
BLK	Blank																			
BLK	Blank		<0.5	<0.5	0.8	<5	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01
BLK	Blank																			
SI BLK	Blank																			
SI BLK	Blank																			
BLK	Blank																			
SI BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
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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
STD SY-4(D)	Standard																50.07	20.79	6.23	8.02	0.54
STD SY-4(D)	Standard																49.83	20.68	6.18	7.99	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					
STD OREAS605 Expected		7.5	28.8	0.0289	222	0.0103	0.73	0.0328	0.134	7.1	1.7	1.3	15.5	7.86	6.7	77					
STD 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 GS311-1 Expected																					
STD GS910-4 Expected																					
STD GS314-1 Expected																					
STD SY-4(D) Expected																	49.9	20.69	6.21	8.05	0.54
STD OREAS72B Expected																	51.17	8.97	9.724	3.96	15.933
STD OREAS133B(D) Expected																	33.83	6.91	11.67	5.4	3.73
STD GGC-10 Expected																					
STD COO2 Expected																					
STD RTS-3A Expected																					
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	<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	<0.5	<0.5	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	<0.05	<0.5	<0.5	<0.05	<5	<2					
BLK	Blank																				
SI BLK	Blank																98.38	0.33	0.02	<0.01	0.03
SI BLK	Blank																99.06	0.33	0.01	0.02	0.02
BLK	Blank																				
SI BLK	Blank																99.34	0.29	0.03	0.02	0.03
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				



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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 %	TC010 S/S- %	TC010 SO4 %
		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-5.11	0.01	0.01	0.02	0.02	0.02	0.02	0.08	0.02	0.15
STD SY-4(D)	Standard	1.66	0.11	0.33	0.14	<0.01	0.04	<0.01	<0.01	0.01	4.56	99.62	<0.01							
STD SY-4(D)	Standard	1.65	0.11	0.32	0.13	<0.01	0.04	<0.01	0.02	0.01	4.56	99.15	<0.01							
STD OREAS927-AR Expected																				
STD OREAS605 Expected																				
STD OREAS135 Expected																				
STD GS311-1 Expected														1.02	2.35					
STD GS910-4 Expected														2.65	8.27					
STD GS314-1 Expected														1.41	29.11					
STD 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 GGC-10 Expected																	4.79			
STD COO2 Expected																		3.43		
STD RTS-3A Expected																			7	
BLK	Blank																	<0.08		
BLK	Blank																			
BLK	Blank																<0.02			
BLK	Blank													<0.02	<0.02					
BLK	Blank													<0.02	<0.02					
BLK	Blank																			
BLK	Blank																	<0.08		
SI BLK	Blank	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.00	98.74	<0.01							
SI BLK	Blank	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.00	99.42	<0.01							
BLK	Blank													<0.02	<0.02					
SI BLK	Blank	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.00	99.70	<0.01							
BLK	Blank																<0.02			
BLK	Blank																<0.02			
BLK	Blank																	<0.08		



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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
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
ROCK-WHI	Prep Blank		1.6	2.7	1.1	40	<0.5	1.1	4.0	473	1.90	<5	<0.5	2.2	22	<0.5	<0.5	<0.5	24	0.58	0.043
ROCK-WHI	Prep Blank		0.8	1.8	1.1	31	<0.5	0.9	3.7	469	1.90	<5	<0.5	2.3	20	<0.5	<0.5	<0.5	24	0.57	0.041



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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
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
ROCK-WHI	Prep Blank	5.8	3.4	0.44	48	0.101	0.82	0.07	0.08	<0.5	<0.05	2.9	<0.5	<0.05	<5	<2	71.10	14.07	3.26	2.37	0.92
ROCK-WHI	Prep Blank	6.2	3.2	0.44	49	0.101	0.80	0.06	0.08	<0.5	<0.05	3.0	<0.5	<0.05	<5	<2	70.86	14.10	3.28	2.35	0.90



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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 %	TC010 S/S- %	TC010 SO4 %
		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-5.11	0.01	0.01	0.02	0.02	0.02	0.02	0.08	0.02	0.15
BLK	Blank																			0.04
BLK	Blank																			<0.02
BLK	Blank																			<0.02
BLK	Blank																			<0.02
Prep Wash																				
ROCK-WHI	Prep Blank	2.07	0.08	0.36	0.09	<0.01	0.09	<0.01	0.01	<0.01	0.73	99.65	<0.01	0.07	<0.02	0.02	<0.02	0.21	<0.02	<0.15
ROCK-WHI	Prep Blank	2.14	0.09	0.35	0.10	<0.01	0.09	<0.01	0.01	<0.01	0.78	99.51	<0.01	0.07	<0.02	<0.02	<0.02	0.20	<0.02	<0.15