



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 29, 2020
Analysis Start: January 15, 2021
Report Date: February 10, 2021
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CERTIFICATE OF ANALYSIS

WHI20000610.1

CLIENT JOB INFORMATION

Project: MacMillan Pass
Shipment ID: FWZ20-BV-026
P.O. Number
Number of Samples: 138

SAMPLE DISPOSAL

RTRN-PLP Return After 90 days
RTRN-RJT Return After 60 days

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

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

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-500	134	Crush, split and pulverize 500g rock to 200 mesh			WHI
SLBHP	4	Sort, label and box pulps			WHI
CRUBW	133	Extra clean rock wash between samples in crusher			WHI
PULSW	133	Extra Wash with Silica between each sample			VAN
AQ270	138	1:1:1 Aqua Regia digestion ICP-ES/ICP-MS analysis	1	Completed	VAN
LF725	138	Li2B4O7/LiBO2 fusion, analysis by XRF		Completed	VAN
TC000	138	Total C/S Analysis by Leco	0.1	Completed	VAN
TC007	138	Graphite and Organic C by Leco After Ignition	0.1	Completed	VAN
TC006	138	Inorganic Carbon	0.2	Completed	VAN
TC010	138	Analysis by Leco after sodium carbonate leach	0.1	Completed	VAN
SHP01	138	Per sample shipping charges for branch shipments			VAN
SPG04	138	Specific Gravity by Picnometry		Completed	VAN

ADDITIONAL COMMENTS

V2O5 from LF725 is Qualitative Data only.



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
*** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



BUREAU VERITAS MINERAL LABORATORIES
Canada

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CERTIFICATE OF ANALYSIS

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	Method	Analyte	Unit	MDL	WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270			
					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
3203198	Drill Core	3.20	17.0	36.5	207.1	281	1.8	62.4	7.9	50	3.64	143	7.4	0.5	263	2.8	35.3	<0.5	121	0.16	0.080			
3203199	Drill Core	7.23	8.5	107.9	770.8	6063	9.6	35.5	5.1	38	32.79	145	3.9	0.6	37	51.0	127.1	<0.5	88	0.04	0.017			
3203200	Rock Pulp	0.11	17.6	6150.7	7117.6	31821	30.1	48.6	58.5	476	9.44	76	1.3	0.7	43	215.5	43.6	33.1	79	1.52	0.054			
3203201	Drill Core	1.65	23.1	29.4	158.5	740	1.2	56.5	2.7	43	1.87	81	13.0	<0.5	152	10.6	39.6	<0.5	235	0.08	0.039			
3203202	Drill Core	1.46	22.6	32.9	113.8	501	1.4	65.5	3.0	45	2.60	98	11.8	<0.5	134	3.9	39.0	<0.5	220	0.07	0.038			
3203203	Drill Core	4.00	28.3	28.7	210.7	3931	1.9	61.3	2.9	53	2.64	94	8.1	<0.5	287	27.0	40.0	<0.5	236	0.12	0.067			
3203204	Drill Core	3.65	13.3	29.2	256.3	2178	1.7	66.1	3.1	53	1.44	66	24.9	0.6	1368	15.4	58.8	<0.5	433	0.35	0.252			
3203205	Drill Core	3.45	20.0	50.6	309.0	2139	2.9	49.5	3.8	84	6.59	98	3.5	<0.5	173	16.6	35.6	<0.5	164	0.07	0.040			
3203206	Drill Core	3.69	41.7	54.1	326.8	4810	2.6	62.7	6.5	192	4.87	105	3.0	<0.5	138	37.7	30.2	<0.5	176	0.04	0.027			
3203207	Drill Core	4.47	26.0	42.6	213.4	1304	2.0	91.3	6.0	202	2.71	115	10.2	<0.5	469	10.0	38.5	<0.5	263	0.13	0.097			
3203208	Drill Core	2.89	6.1	29.9	170.7	3036	1.1	51.7	2.1	1086	2.92	56	11.4	<0.5	837	20.4	20.0	<0.5	229	0.22	0.153			
3203209	Drill Core	4.27	4.9	48.3	296.0	17840	2.8	71.8	3.5	3846	11.62	128	7.4	<0.5	661	124.7	31.0	<0.5	270	0.27	0.142			
3203210	Drill Core	3.96	6.2	46.6	329.2	12105	2.6	64.6	6.2	5075	14.46	132	8.2	<0.5	768	83.5	29.4	<0.5	320	0.35	0.162			
3203211	Drill Core	4.22	9.8	41.7	462.2	2265	2.9	91.2	4.0	365	7.64	134	6.3	<0.5	235	15.8	38.9	<0.5	121	0.09	0.049			
3203212	Drill Core	4.26	10.1	52.6	378.0	20769	3.5	68.2	3.3	1436	6.94	88	9.7	<0.5	225	136.1	36.6	<0.5	195	0.12	0.073			
3203213	Drill Core	3.39	8.7	28.6	312.2	5764	1.8	93.4	6.2	4037	11.39	113	14.4	<0.5	834	38.8	32.7	<0.5	346	0.33	0.189			
3203214	Drill Core	4.61	9.9	59.3	268.2	9776	3.7	67.9	3.4	1002	8.97	97	4.1	<0.5	123	78.4	47.7	<0.5	150	0.06	0.026			
3203215	Drill Core	2.47	23.1	42.2	115.6	4359	2.2	76.3	5.6	76	2.36	82	17.1	<0.5	315	34.5	44.4	<0.5	321	0.13	0.095			
3203216	Drill Core	3.70	17.3	26.7	231.4	2218	1.8	74.8	6.1	160	1.85	76	25.6	0.6	1206	17.3	42.7	<0.5	443	0.36	0.234			
3203217	Drill Core	3.96	17.9	48.0	262.9	6702	3.1	65.8	5.4	175	4.52	114	1.9	<0.5	122	53.7	38.5	<0.5	126	0.06	0.031			
3203218	Drill Core	3.90	15.1	61.3	491.5	5074	3.9	74.3	7.3	55	6.78	141	3.5	<0.5	171	41.7	36.1	<0.5	146	0.08	0.046			
3203219	Drill Core	3.58	8.1	70.3	507.7	20533	4.0	72.5	5.6	50	4.23	103	10.9	<0.5	709	166.7	33.3	<0.5	142	0.21	0.145			
3203220	Rock	2.14	<0.5	1.1	1.0	37	<0.5	4.7	<0.5	42	0.16	<5	0.6	<0.5	145	<0.5	<0.5	<0.5	<10	29.21	0.013			
3203221	Drill Core	1.60	9.7	26.0	282.0	1218	1.9	87.6	4.8	257	3.39	100	9.4	<0.5	1097	9.6	25.4	<0.5	187	0.34	0.224			
3203222	Drill Core	1.89	11.2	39.7	282.6	5229	2.1	86.8	4.7	249	3.23	99	10.7	<0.5	1124	40.4	25.9	<0.5	200	0.34	0.228			
3203223	Drill Core	3.58	11.2	37.1	183.0	259	1.8	94.6	7.1	65	2.77	128	16.2	<0.5	821	1.7	26.6	<0.5	278	0.23	0.178			
3203224	Drill Core	2.33	9.3	40.6	251.5	1345	2.0	88.6	5.7	44	2.25	151	10.5	<0.5	1174	10.8	29.1	<0.5	271	0.32	0.233			
3203225	Drill Core	3.69	17.1	36.1	156.2	212	1.8	86.9	4.3	136	2.50	114	9.2	<0.5	310	1.5	25.9	<0.5	282	0.16	0.092			
3203226	Drill Core	2.86	15.9	42.0	238.8	275	2.3	116.5	4.0	57	4.51	176	12.5	<0.5	475	2.1	36.0	<0.5	307	0.25	0.150			
3203227	Drill Core	3.23	12.5	36.1	329.8	1042	2.2	92.1	4.3	45	3.19	148	15.8	<0.5	744	9.1	32.4	<0.5	350	0.42	0.248			



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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
3203198	Drill Core	1.3	11.2	<0.01	348	0.001	0.17	<0.01	0.04	<0.5	0.69	0.7	<0.5	3.87	<5	3	84.87	1.78	5.40	0.24	0.05
3203199	Drill Core	<0.5	7.4	<0.01	71	<0.001	0.06	<0.01	0.01	<0.5	7.80	<0.5	5.5	>30	<5	3	23.53	0.40	48.51	0.06	0.01
3203200	Rock Pulp	3.2	74.3	1.22	386	0.168	2.00	0.12	0.24	25.8	5.83	5.8	2.7	8.23	11	29	45.66	10.95	16.56	5.57	4.19
3203201	Drill Core	0.7	12.9	<0.01	397	0.002	0.16	<0.01	0.04	<0.5	0.87	<0.5	<0.5	1.75	<5	3	87.47	1.42	2.65	0.12	0.04
3203202	Drill Core	0.5	11.7	<0.01	356	0.002	0.14	<0.01	0.03	<0.5	0.71	0.6	<0.5	2.73	<5	4	87.54	1.30	3.84	0.12	0.04
3203203	Drill Core	0.8	13.0	<0.01	423	0.002	0.16	<0.01	0.04	<0.5	3.25	0.7	<0.5	2.84	<5	4	86.12	1.38	3.81	0.19	0.04
3203204	Drill Core	8.5	29.7	<0.01	1278	0.004	0.38	<0.01	0.07	<0.5	2.04	1.0	0.5	1.31	<5	4	85.36	2.43	2.09	0.50	0.04
3203205	Drill Core	0.6	13.3	<0.01	349	0.001	0.14	<0.01	0.03	<0.5	2.13	0.6	1.1	7.59	<5	3	76.77	1.31	9.44	0.10	0.04
3203206	Drill Core	0.5	12.4	0.02	399	0.001	0.15	<0.01	0.04	<0.5	3.76	<0.5	0.8	5.32	<5	4	81.55	1.46	6.88	0.07	0.07
3203207	Drill Core	1.6	22.2	0.03	624	0.002	0.34	<0.01	0.05	<0.5	1.32	0.9	0.6	2.55	<5	4	82.26	2.29	3.95	0.20	0.09
3203208	Drill Core	5.1	20.7	0.14	835	0.003	0.25	<0.01	0.04	<0.5	2.52	1.4	<0.5	1.00	<5	3	83.13	1.91	4.25	0.33	0.26
3203209	Drill Core	3.2	24.2	0.53	655	0.002	0.21	<0.01	0.03	<0.5	15.28	3.4	<0.5	4.75	<5	5	63.50	1.61	16.79	0.38	0.88
3203210	Drill Core	3.9	30.7	0.58	722	0.002	0.22	<0.01	0.04	<0.5	11.05	3.3	0.7	4.36	<5	4	56.51	1.74	20.81	0.48	0.97
3203211	Drill Core	1.1	16.0	0.05	315	<0.001	0.13	<0.01	0.03	<0.5	2.16	0.7	0.6	8.05	<5	5	76.35	1.23	11.06	0.13	0.11
3203212	Drill Core	0.7	22.5	0.17	330	0.001	0.32	<0.01	0.03	<0.5	17.86	1.7	<0.5	5.47	<5	4	73.89	1.55	10.02	0.17	0.29
3203213	Drill Core	4.0	40.3	0.43	737	0.002	0.55	<0.01	0.05	<0.5	5.34	3.7	<0.5	3.25	<5	4	62.29	2.44	16.69	0.47	0.75
3203214	Drill Core	<0.5	21.5	0.13	311	<0.001	0.15	<0.01	0.03	<0.5	8.48	1.1	0.7	8.52	<5	4	73.10	1.21	12.74	0.09	0.24
3203215	Drill Core	1.6	34.3	<0.01	596	0.002	0.36	<0.01	0.06	<0.5	3.75	1.1	0.7	2.46	<5	4	81.27	2.47	3.41	0.20	0.06
3203216	Drill Core	10.0	34.4	0.02	1443	0.004	0.41	<0.01	0.07	<0.5	2.27	1.1	0.6	1.55	<5	4	83.72	2.37	2.69	0.52	0.07
3203217	Drill Core	<0.5	14.3	0.03	271	<0.001	0.12	<0.01	0.03	<0.5	6.39	<0.5	0.7	4.96	<5	5	84.00	1.07	6.59	0.09	0.07
3203218	Drill Core	0.7	19.1	<0.01	414	<0.001	0.16	<0.01	0.03	<0.5	5.04	<0.5	0.8	7.91	<5	4	78.40	1.38	9.93	0.12	0.03
3203219	Drill Core	3.2	23.8	<0.01	627	0.002	0.26	<0.01	0.04	<0.5	18.16	0.6	0.6	5.47	<5	5	77.16	2.16	6.03	0.31	0.04
3203220	Rock	1.8	5.5	2.25	14	<0.001	0.05	0.02	0.03	<0.5	0.08	2.3	<0.5	0.06	<5	<2	14.47	0.41	0.26	43.15	3.91
3203221	Drill Core	2.2	25.2	0.05	795	0.003	0.34	<0.01	0.05	<0.5	1.36	1.2	<0.5	2.88	<5	4	80.46	2.76	4.93	0.49	0.12
3203222	Drill Core	2.6	26.5	0.05	826	0.003	0.34	<0.01	0.05	<0.5	4.83	1.1	<0.5	2.95	<5	3	79.95	2.74	4.62	0.49	0.12
3203223	Drill Core	4.6	31.4	<0.01	775	0.003	0.36	<0.01	0.05	<0.5	0.59	1.0	0.5	2.71	<5	4	83.07	2.40	4.00	0.34	0.04
3203224	Drill Core	5.4	31.5	<0.01	1184	0.003	0.35	<0.01	0.06	<0.5	1.45	0.8	0.5	2.34	<5	5	81.82	2.70	3.26	0.45	0.04
3203225	Drill Core	1.0	26.1	0.02	494	0.002	0.24	<0.01	0.05	<0.5	0.49	0.8	0.7	2.23	<5	4	84.50	1.73	3.68	0.24	0.07
3203226	Drill Core	1.7	29.7	<0.01	622	0.002	0.31	<0.01	0.06	0.6	0.64	0.9	0.6	4.89	<5	7	79.18	2.07	6.61	0.36	0.04
3203227	Drill Core	3.2	39.4	<0.01	772	0.003	0.39	<0.01	0.06	<0.5	1.30	1.0	0.6	3.37	<5	6	80.79	2.47	4.69	0.60	0.04



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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	SPG04
		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	Density
		%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g/cm3
		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
3203198	Drill Core	0.26	<0.01	0.10	0.30	<0.01	0.19	<0.01	0.02	0.03	6.06	99.32	0.11	3.62	3.98	3.30	0.32	<0.08	3.05	2.78	2.73
3203199	Drill Core	0.06	<0.01	0.02	0.04	<0.01	0.04	<0.01	0.09	0.60	25.84	99.37	0.04	1.20	38.44	1.15	0.05	<0.08	29.24	27.56	4.03
3203200	Rock Pulp	0.83	0.13	0.79	0.13	0.01	0.13	0.61	0.70	3.18	7.41	99.67	0.03	0.21	7.71	0.10	<0.02	0.39	6.09	4.86	3.06
3203201	Drill Core	0.21	<0.01	0.08	0.18	<0.01	0.17	<0.01	0.01	0.07	5.61	98.09	0.17	4.45	1.81	3.86	0.59	<0.08	1.41	1.20	2.66
3203202	Drill Core	0.20	<0.01	0.07	0.15	<0.01	0.16	<0.01	0.01	0.05	5.92	99.43	0.16	4.03	2.77	3.52	0.51	<0.08	2.35	1.28	2.69
3203203	Drill Core	0.20	0.01	0.07	0.28	<0.01	0.17	0.01	0.01	0.38	5.77	98.56	0.16	3.89	2.88	3.44	0.44	<0.08	2.09	2.37	2.72
3203204	Drill Core	0.27	0.01	0.09	1.10	<0.01	0.35	<0.01	0.02	0.21	6.76	99.32	0.24	5.42	1.41	4.76	0.69	<0.08	0.94	1.43	2.65
3203205	Drill Core	0.17	0.01	0.08	0.26	<0.01	0.16	<0.01	0.02	0.20	8.79	97.41	0.13	3.74	7.54	3.39	0.33	0.09	5.32	6.67	2.81
3203206	Drill Core	0.20	0.03	0.11	0.23	<0.01	0.18	0.01	0.02	0.44	7.76	99.15	0.14	4.28	5.22	3.73	0.51	0.14	4.32	2.71	2.75
3203207	Drill Core	0.28	0.03	0.14	0.50	<0.01	0.25	<0.01	0.02	0.13	8.71	98.92	0.19	6.56	2.62	5.67	0.84	0.19	1.87	2.24	2.68
3203208	Drill Core	0.20	0.14	0.09	0.90	<0.01	0.28	<0.01	0.02	0.30	6.70	98.61	0.13	4.59	1.08	3.30	0.94	1.28	0.73	1.02	2.69
3203209	Drill Core	0.15	0.46	0.07	0.87	<0.01	0.23	<0.01	0.02	1.73	12.41	99.56	0.13	5.11	4.63	3.37	0.22	5.54	3.47	3.48	2.94
3203210	Drill Core	0.17	0.63	0.10	0.91	<0.01	0.25	<0.01	0.03	1.20	14.86	99.00	0.14	6.24	4.48	4.04	0.15	7.52	3.11	4.11	3.00
3203211	Drill Core	0.18	0.05	0.08	0.25	<0.01	0.15	<0.01	0.04	0.22	9.25	99.17	0.09	3.98	7.75	3.53	0.33	0.41	5.47	6.82	2.84
3203212	Drill Core	0.17	0.17	0.07	0.28	<0.01	0.14	<0.01	0.03	2.00	9.69	98.99	0.11	4.37	5.56	3.60	0.20	2.08	4.19	4.12	2.83
3203213	Drill Core	0.21	0.51	0.12	0.92	<0.01	0.24	<0.01	0.02	0.57	13.58	99.00	0.15	6.25	3.48	4.30	0.30	6.04	2.64	2.52	2.93
3203214	Drill Core	0.18	0.12	0.07	0.16	<0.01	0.14	<0.01	0.03	0.94	10.34	99.60	0.11	4.23	8.23	3.58	0.27	1.39	6.48	5.24	2.89
3203215	Drill Core	0.32	0.01	0.13	0.40	0.01	0.24	<0.01	0.01	0.41	9.43	98.51	0.23	7.34	2.57	6.69	0.63	<0.08	1.80	2.31	2.69
3203216	Drill Core	0.28	0.02	0.10	0.94	<0.01	0.33	<0.01	0.02	0.22	7.73	99.10	0.22	5.97	1.64	5.62	0.29	0.17	1.11	1.58	2.68
3203217	Drill Core	0.16	0.03	0.07	0.15	<0.01	0.11	<0.01	0.02	0.65	6.46	99.64	0.10	2.96	5.09	2.76	0.16	0.16	3.63	4.39	2.79
3203218	Drill Core	0.20	<0.01	0.07	0.21	<0.01	0.15	<0.01	0.05	0.50	8.65	99.87	0.12	3.60	7.87	3.45	0.16	<0.08	5.29	7.72	2.84
3203219	Drill Core	0.25	<0.01	0.10	0.88	<0.01	0.24	0.01	0.04	1.94	8.17	97.86	0.11	4.33	5.56	4.20	0.12	<0.08	4.25	3.92	2.81
3203220	Rock	0.17	0.01	0.03	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	37.32	99.76	<0.01	10.97	0.06	<0.02	<0.02	40.44	0.03	<0.15	2.78
3203221	Drill Core	0.27	0.03	0.14	1.24	<0.01	0.32	<0.01	0.03	0.12	7.60	98.59	0.12	4.81	3.04	4.30	0.42	0.34	2.26	2.32	2.74
3203222	Drill Core	0.28	0.03	0.11	1.27	<0.01	0.32	<0.01	0.02	0.50	7.89	98.52	0.12	5.12	3.06	4.72	0.29	0.38	2.20	2.56	2.74
3203223	Drill Core	0.25	0.01	0.09	0.96	<0.01	0.27	<0.01	0.01	0.02	7.16	98.68	0.17	4.94	2.82	4.40	0.52	<0.08	2.09	2.21	2.71
3203224	Drill Core	0.26	<0.01	0.10	1.38	<0.01	0.38	<0.01	0.02	0.14	7.44	98.08	0.16	5.07	2.47	4.49	0.57	<0.08	1.76	2.12	2.72
3203225	Drill Core	0.26	0.02	0.10	0.31	<0.01	0.19	<0.01	0.02	0.02	7.54	98.71	0.18	5.86	2.34	5.05	0.77	0.16	1.68	1.95	2.70
3203226	Drill Core	0.26	<0.01	0.12	0.59	<0.01	0.22	<0.01	0.01	0.03	9.15	98.69	0.20	5.48	4.90	4.98	0.51	<0.08	3.98	2.76	2.75
3203227	Drill Core	0.27	<0.01	0.10	0.94	<0.01	0.26	<0.01	0.03	0.10	8.59	98.97	0.20	5.83	3.49	5.27	0.56	<0.08	2.49	2.99	2.73



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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
3203228	Drill Core	3.21	21.1	35.8	232.6	867	1.7	67.8	5.6	43	3.12	111	11.4	<0.5	224	7.0	25.1	<0.5	232	0.12	0.081			
3203229	Drill Core	2.47	15.7	42.3	218.5	245	2.0	94.4	5.6	47	4.32	158	15.4	<0.5	650	2.6	30.0	<0.5	349	0.27	0.173			
3203230	Drill Core	3.30	11.3	32.2	133.4	169	1.6	80.1	4.3	42	2.83	166	10.6	<0.5	382	2.5	31.9	<0.5	217	0.20	0.121			
3203231	Drill Core	3.61	7.6	84.7	349.6	21802	3.8	123.6	7.7	51	8.63	231	8.5	1.1	494	189.9	46.2	<0.5	129	0.25	0.146			
3203232	Drill Core	3.13	12.0	35.5	205.3	1465	2.4	97.2	7.0	43	4.78	136	9.7	0.5	476	11.8	30.7	<0.5	156	0.22	0.141			
3203233	Drill Core	4.00	15.4	54.2	365.7	519	3.0	136.0	9.6	51	8.62	184	12.9	1.1	1207	3.6	55.2	<0.5	199	1.06	0.523			
3203234	Drill Core	3.39	11.4	35.4	238.7	302	1.9	97.5	10.9	720	6.43	196	17.8	1.1	2043	2.0	40.4	<0.5	239	1.74	0.874			
3203235	Drill Core	4.01	0.6	24.5	199.3	1202	2.1	60.0	11.3	3080	16.06	196	1.6	0.5	332	7.5	32.3	<0.5	69	0.29	0.111			
3203236	Drill Core	3.73	9.9	39.5	241.0	479	3.5	138.1	14.7	69	10.36	269	7.1	1.2	380	2.9	82.0	<0.5	48	0.29	0.141			
3203237	Drill Core	2.54	21.2	39.3	185.1	479	3.3	139.3	13.6	269	7.15	141	13.4	1.0	312	3.7	71.2	<0.5	76	0.24	0.135			
3203238	Drill Core	2.94	54.7	51.7	220.9	3678	2.7	114.3	10.8	53	4.36	194	43.9	<0.5	315	46.4	42.7	<0.5	550	0.10	0.128			
3203239	Drill Core	2.59	37.2	46.4	372.1	3306	2.2	86.6	9.1	57	3.79	106	51.4	<0.5	379	66.6	31.0	<0.5	447	0.15	0.192			
3203240	Rock Pulp	0.11	17.1	6126.6	6958.8	30045	28.4	46.8	57.6	474	9.34	76	1.2	0.7	45	202.8	41.4	32.3	80	1.57	0.056			
3203241	Drill Core	1.14	8.5	32.2	179.8	1468	1.3	46.6	4.3	53	1.63	65	20.2	<0.5	235	31.1	20.9	<0.5	99	0.15	0.137			
3203242	Drill Core	0.99	5.6	30.1	145.2	1072	1.1	38.6	3.6	41	1.86	50	15.9	<0.5	234	24.6	17.1	<0.5	96	0.17	0.125			
3203243	Drill Core	3.05	6.4	61.7	135.7	526	2.8	101.6	9.0	43	7.29	178	24.9	0.6	346	29.7	57.4	<0.5	119	0.27	0.219			
3203244	Drill Core	2.60	5.7	84.6	222.3	7166	3.5	92.5	11.8	52	11.56	212	10.2	0.7	453	72.6	62.4	<0.5	77	0.52	0.301			
3203245	Drill Core	2.61	7.5	86.6	155.5	10455	2.5	86.3	11.9	51	7.94	176	10.9	0.5	369	98.8	50.1	<0.5	79	0.47	0.289			
3203246	Drill Core	3.58	3.3	178.3	314.0	47134	4.5	114.9	17.9	47	13.73	316	9.1	<0.5	283	483.7	79.0	<0.5	73	0.41	0.259			
3203247	Drill Core	4.01	3.1	53.7	95.8	2538	1.3	58.5	8.3	49	3.59	80	8.1	<0.5	332	27.5	26.0	<0.5	65	0.45	0.263			
3203248	Drill Core	3.35	3.7	61.8	159.9	3046	1.8	90.3	12.4	44	5.59	140	16.7	0.5	376	38.1	39.1	<0.5	86	0.48	0.296			
3203249	Drill Core	2.54	12.7	77.8	244.0	7070	3.1	156.8	12.4	46	5.60	189	6.8	<0.5	200	64.7	36.6	<0.5	63	0.17	0.122			
3203250	Drill Core	3.41	7.2	34.9	202.0	659	1.0	78.2	8.2	223	3.05	93	3.2	<0.5	297	12.1	21.4	<0.5	70	0.30	0.165			
3203251	Drill Core	4.26	4.3	123.8	416.0	53493	8.5	68.2	14.8	456	13.91	221	2.5	<0.5	451	422.8	64.4	<0.5	40	0.39	0.184			
3203252	Drill Core	4.09	3.4	52.1	242.6	25236	3.4	80.3	8.6	1855	8.91	115	2.4	0.6	531	180.8	34.5	<0.5	49	0.49	0.247			
3203253	Drill Core	4.01	1.7	48.8	151.6	28630	2.5	95.4	5.8	48	2.49	108	1.6	<0.5	346	170.5	26.4	<0.5	34	0.17	0.104			
3203254	Drill Core	2.64	5.6	38.0	197.2	3949	1.3	98.9	5.5	46	3.46	120	4.1	<0.5	351	33.2	25.7	<0.5	64	0.15	0.132			
3203255	Drill Core	3.30	6.4	55.1	179.3	9515	1.8	98.9	8.3	49	4.49	141	5.8	<0.5	406	66.8	43.5	<0.5	78	0.21	0.192			
3203256	Drill Core	3.88	6.9	77.9	291.7	3589	2.5	152.1	12.7	50	10.21	215	3.5	<0.5	348	29.7	59.9	<0.5	62	0.28	0.154			
3203257	Drill Core	4.36	1.4	93.9	332.5	6356	3.5	102.4	14.0	44	16.66	226	2.4	<0.5	239	51.6	73.9	<0.5	45	0.25	0.138			



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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
3203228	Drill Core	1.0	23.3	<0.01	501	0.001	0.26	<0.01	0.04	<0.5	1.06	0.7	0.5	3.34	<5	4	84.60	1.83	4.53	0.18	0.04
3203229	Drill Core	2.8	35.6	<0.01	793	0.002	0.34	<0.01	0.06	<0.5	0.52	1.0	0.7	4.79	<5	7	79.34	2.40	6.23	0.39	0.04
3203230	Drill Core	1.2	27.2	<0.01	577	0.002	0.25	<0.01	0.04	<0.5	0.41	0.8	<0.5	3.00	<5	5	84.42	1.86	4.10	0.27	0.06
3203231	Drill Core	1.5	21.3	<0.01	287	0.002	0.21	<0.01	0.04	<0.5	19.41	1.0	1.1	10.00	<5	8	70.27	1.81	12.36	0.35	0.04
3203232	Drill Core	1.6	25.7	<0.01	591	0.002	0.27	<0.01	0.05	<0.5	1.48	0.9	0.6	4.99	<5	6	78.84	2.46	6.81	0.30	0.05
3203233	Drill Core	3.6	41.0	0.01	218	0.004	0.44	<0.01	0.09	<0.5	0.91	1.4	0.9	9.33	<5	7	65.40	3.40	12.23	1.47	0.09
3203234	Drill Core	5.7	47.4	0.14	881	0.005	0.70	<0.01	0.11	<0.5	0.58	2.5	0.8	4.62	<5	6	66.87	4.36	9.13	2.46	0.30
3203235	Drill Core	0.6	9.6	0.54	476	0.001	0.33	<0.01	0.09	<0.5	1.10	4.8	0.5	8.59	<5	<2	54.25	4.82	22.91	0.38	0.99
3203236	Drill Core	2.9	12.6	0.01	234	<0.001	0.55	<0.01	0.12	<0.5	1.07	0.9	1.5	11.19	<5	<2	59.02	9.43	14.84	0.40	0.20
3203237	Drill Core	3.1	13.3	0.05	463	0.001	0.61	<0.01	0.12	<0.5	1.07	1.9	2.5	7.14	<5	2	66.54	9.05	10.26	0.33	0.25
3203238	Drill Core	1.3	50.1	<0.01	684	0.009	0.66	<0.01	0.06	<0.5	4.08	2.4	0.9	4.49	<5	5	78.67	3.25	5.88	0.13	0.07
3203239	Drill Core	2.3	58.1	<0.01	694	0.006	0.74	<0.01	0.05	<0.5	3.46	2.8	0.6	3.88	<5	4	80.72	3.09	5.46	0.20	0.03
3203240	Rock Pulp	3.2	75.9	1.25	515	0.178	2.06	0.12	0.24	23.3	5.51	6.2	2.9	7.52	11	29	45.59	10.98	16.57	5.59	4.21
3203241	Drill Core	1.2	27.3	<0.01	349	0.001	0.43	<0.01	0.03	0.5	1.39	1.5	<0.5	1.32	<5	2	89.19	2.85	2.26	0.22	0.05
3203242	Drill Core	1.1	22.6	<0.01	281	0.001	0.34	<0.01	0.03	<0.5	0.87	1.5	<0.5	1.74	<5	2	89.44	2.48	2.63	0.23	0.04
3203243	Drill Core	1.8	39.5	<0.01	502	0.001	0.65	<0.01	0.06	<0.5	0.85	2.7	0.8	7.83	<5	5	72.94	4.43	9.99	0.36	0.07
3203244	Drill Core	2.3	27.8	<0.01	363	0.002	0.42	<0.01	0.07	<0.5	6.60	1.9	1.5	12.81	<5	5	64.82	3.31	15.89	0.70	0.06
3203245	Drill Core	1.8	29.8	<0.01	443	0.002	0.46	<0.01	0.05	<0.5	9.60	2.4	1.2	8.99	<5	4	72.87	3.37	10.88	0.62	0.06
3203246	Drill Core	1.5	30.6	<0.01	300	0.001	0.45	<0.01	0.04	<0.5	39.58	2.1	1.9	17.20	7	6	56.87	2.90	19.24	0.56	0.05
3203247	Drill Core	2.1	25.6	<0.01	706	0.002	0.42	<0.01	0.06	<0.5	2.21	1.6	0.8	3.76	<5	3	82.33	3.60	5.09	0.62	0.06
3203248	Drill Core	2.7	35.0	<0.01	515	0.002	0.59	<0.01	0.05	<0.5	2.74	2.4	1.2	6.06	<5	3	77.98	3.85	7.91	0.67	0.07
3203249	Drill Core	1.2	16.7	<0.01	411	<0.001	0.31	<0.01	0.05	<0.5	6.19	1.2	1.4	6.11	<5	3	79.71	2.71	7.69	0.23	0.06
3203250	Drill Core	0.9	13.7	0.03	417	0.001	0.41	<0.01	0.05	<0.5	0.66	1.4	<0.5	2.39	<5	<2	85.17	2.93	4.24	0.40	0.09
3203251	Drill Core	1.6	12.2	0.07	256	0.001	0.21	<0.01	0.04	<0.5	46.33	0.7	1.9	16.29	9	4	55.54	2.03	19.67	0.52	0.15
3203252	Drill Core	1.6	12.9	0.24	471	0.001	0.23	<0.01	0.05	<0.5	19.44	1.8	1.3	5.14	<5	<2	69.81	2.12	12.32	0.66	0.42
3203253	Drill Core	0.8	8.8	<0.01	328	<0.001	0.18	<0.01	0.03	<0.5	21.51	0.8	0.7	3.66	<5	2	85.72	1.59	3.44	0.24	0.03
3203254	Drill Core	1.3	20.9	<0.01	375	0.001	0.30	<0.01	0.03	<0.5	2.78	1.2	1.1	3.57	<5	<2	84.91	2.15	4.73	0.21	0.04
3203255	Drill Core	1.3	26.5	<0.01	365	0.001	0.42	<0.01	0.04	<0.5	7.02	1.9	1.9	5.02	<5	<2	82.90	2.19	6.10	0.28	0.04
3203256	Drill Core	1.8	18.0	<0.01	376	0.001	0.32	<0.01	0.06	<0.5	3.08	1.1	2.5	11.24	<5	3	68.66	3.06	14.24	0.36	0.06
3203257	Drill Core	1.2	19.4	<0.01	139	0.001	0.35	<0.01	0.07	<0.5	4.84	0.9	2.2	18.86	<5	2	54.50	3.49	24.18	0.34	0.07



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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	SPG04
		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	Density
		%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g/cm3
		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
3203228	Drill Core	0.23	<0.01	0.09	0.33	<0.01	0.18	<0.01	0.03	0.08	7.27	99.44	0.16	4.71	3.42	4.25	0.45	<0.08	2.48	2.83	2.72
3203229	Drill Core	0.29	<0.01	0.10	0.83	<0.01	0.27	<0.01	0.01	0.02	9.22	99.20	0.21	5.74	4.79	5.31	0.43	<0.08	3.78	3.02	2.76
3203230	Drill Core	0.22	<0.01	0.05	0.54	<0.01	0.20	<0.01	<0.01	0.01	6.87	98.65	0.15	4.31	3.05	3.71	0.60	<0.08	2.11	2.82	2.70
3203231	Drill Core	0.20	0.01	0.04	0.70	<0.01	0.21	<0.01	0.02	2.08	10.22	98.89	0.10	3.25	11.21	3.12	0.13	<0.08	7.80	10.22	2.95
3203232	Drill Core	0.29	<0.01	0.07	0.74	0.01	0.28	<0.01	0.02	0.14	9.29	99.41	0.13	5.37	5.40	4.88	0.48	<0.08	3.93	4.40	2.74
3203233	Drill Core	0.41	<0.01	0.13	1.94	0.01	0.45	<0.01	0.03	0.05	12.97	98.72	0.13	6.13	9.66	5.87	0.24	<0.08	8.09	4.72	2.91
3203234	Drill Core	0.50	0.10	0.17	2.88	0.01	0.44	<0.01	0.02	0.03	10.72	98.09	0.13	5.84	5.14	5.14	0.34	1.33	4.08	3.18	2.82
3203235	Drill Core	0.77	0.38	0.24	0.34	<0.01	0.36	<0.01	<0.01	0.12	13.12	98.79	0.04	2.51	9.04	0.65	<0.02	6.77	7.12	5.74	3.11
3203236	Drill Core	1.52	0.01	0.54	0.38	<0.01	0.70	<0.01	0.02	0.05	11.15	98.43	0.05	2.12	12.10	2.07	0.03	<0.08	9.85	6.74	2.99
3203237	Drill Core	1.39	0.04	0.45	0.36	<0.01	0.61	<0.01	0.02	0.04	9.23	98.72	0.06	2.63	7.59	2.45	0.05	0.48	6.36	3.67	2.88
3203238	Drill Core	0.31	<0.01	0.13	0.32	<0.01	0.26	<0.01	0.02	0.33	9.48	98.98	0.25	5.67	4.68	5.37	0.29	<0.08	3.93	2.24	2.75
3203239	Drill Core	0.24	0.01	0.08	0.46	<0.01	0.19	0.02	0.03	0.32	8.29	99.26	0.19	4.68	4.32	4.43	0.24	<0.08	3.15	3.50	2.72
3203240	Rock Pulp	0.83	0.14	0.76	0.14	0.01	0.12	0.61	0.69	3.17	7.19	99.49	0.03	0.22	8.06	0.06	<0.02	0.52	4.92	9.40	3.08
3203241	Drill Core	0.31	0.01	0.08	0.34	<0.01	0.22	<0.01	<0.01	0.14	4.26	99.99	0.07	2.79	1.46	2.59	0.19	<0.08	0.95	1.54	2.71
3203242	Drill Core	0.26	0.01	0.08	0.35	<0.01	0.18	0.01	<0.01	0.10	3.84	99.73	0.06	2.11	1.87	1.93	0.17	<0.08	1.44	1.31	2.75
3203243	Drill Core	0.51	<0.01	0.17	0.57	<0.01	0.37	<0.01	<0.01	0.05	9.25	98.80	0.08	3.25	7.97	3.16	0.08	<0.08	6.36	4.82	2.85
3203244	Drill Core	0.46	<0.01	0.14	0.70	<0.01	0.32	0.02	<0.01	0.66	11.07	98.40	0.05	2.40	13.33	2.36	0.03	<0.08	10.67	7.97	3.05
3203245	Drill Core	0.42	<0.01	0.12	0.69	<0.01	0.30	0.01	0.01	0.96	8.97	99.63	0.06	2.91	9.23	2.80	0.10	<0.08	7.61	4.84	2.90
3203246	Drill Core	0.31	<0.01	0.07	0.62	<0.01	0.21	<0.01	0.03	4.80	12.88	99.85	0.05	1.76	17.57	1.70	0.04	<0.08	14.64	8.78	3.17
3203247	Drill Core	0.51	0.01	0.13	0.64	<0.01	0.38	<0.01	<0.01	0.24	5.30	99.07	0.05	2.18	4.08	1.96	0.21	<0.08	3.07	3.04	2.79
3203248	Drill Core	0.48	<0.01	0.14	0.76	0.01	0.34	<0.01	<0.01	0.29	6.98	99.63	0.05	2.40	6.45	2.26	0.13	<0.08	5.17	3.84	2.84
3203249	Drill Core	0.37	0.01	0.09	0.29	<0.01	0.29	<0.01	0.01	0.65	7.07	99.43	0.06	2.83	6.52	2.62	0.20	<0.08	4.99	4.57	2.83
3203250	Drill Core	0.38	0.03	0.09	0.44	<0.01	0.29	<0.01	0.01	0.06	4.72	98.92	0.05	2.39	2.58	2.07	0.20	0.43	1.81	2.32	2.72
3203251	Drill Core	0.30	0.07	0.05	0.48	<0.01	0.24	<0.01	0.04	5.47	13.02	98.99	0.03	2.09	17.29	1.78	0.06	0.95	14.04	9.74	3.21
3203252	Drill Core	0.30	0.24	0.06	0.67	<0.01	0.24	<0.01	0.02	2.37	9.11	98.96	0.04	3.24	5.42	2.11	0.05	3.93	3.95	4.41	2.92
3203253	Drill Core	0.19	<0.01	0.05	0.45	<0.01	0.20	<0.01	<0.01	2.91	3.91	99.51	0.02	1.50	3.89	1.44	0.06	<0.08	2.83	3.19	2.78
3203254	Drill Core	0.23	<0.01	0.07	0.58	<0.01	0.23	<0.01	0.02	0.38	5.43	99.15	0.04	2.65	3.85	2.49	0.16	<0.08	2.84	3.02	2.72
3203255	Drill Core	0.22	<0.01	0.03	0.64	<0.01	0.21	<0.01	0.01	0.87	5.79	99.54	0.05	2.11	5.17	1.99	0.11	<0.08	4.12	3.17	2.77
3203256	Drill Core	0.44	<0.01	0.13	0.39	<0.01	0.32	<0.01	0.02	0.34	10.42	98.63	0.05	2.80	11.55	2.74	0.07	<0.08	9.31	6.72	2.95
3203257	Drill Core	0.51	<0.01	0.15	0.34	<0.01	0.36	0.01	0.03	0.62	15.02	99.88	0.03	2.33	19.41	2.30	0.03	<0.08	15.48	11.77	3.19



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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
3203258	Drill Core	3.60	1.7	52.3	251.7	684	2.4	94.7	12.2	2150	18.38	178	2.4	<0.5	247	6.2	57.5	<0.5	66	0.34	0.163
3203259	Drill Core	3.86	1.5	42.6	201.7	6846	1.6	98.1	10.0	7855	24.41	130	3.1	<0.5	176	55.4	31.3	<0.5	102	0.35	0.115
3203260	Rock	2.06	<0.5	1.1	14.9	97	<0.5	2.6	<0.5	39	0.22	<5	0.6	<0.5	144	2.0	<0.5	<0.5	<10	27.81	0.012
3203261	Drill Core	1.79	3.1	88.6	329.5	31095	3.3	117.0	13.9	43	11.36	199	5.8	0.5	284	262.8	66.7	<0.5	82	0.43	0.259
3203262	Drill Core	2.08	3.2	88.4	370.4	26563	3.2	123.5	14.5	42	11.66	252	4.8	<0.5	252	215.2	65.9	<0.5	67	0.40	0.235
3203263	Drill Core	6.15	7.9	68.0	289.9	2243	2.1	149.4	14.4	51	6.04	191	8.3	0.5	408	19.8	57.8	<0.5	89	0.55	0.331
3203264	Drill Core	4.45	3.7	106.0	6520.9	33647	21.7	51.3	16.7	88	22.61	387	1.3	<0.5	79	295.7	72.5	<0.5	42	0.08	0.041
3203265	Drill Core	4.09	20.0	60.7	479.3	15895	5.1	88.3	16.6	146	12.67	265	7.4	<0.5	109	112.9	50.9	<0.5	170	0.09	0.054
3203266	Drill Core	4.16	24.9	46.1	145.9	21444	2.8	75.3	9.0	42	4.85	190	11.3	0.7	207	151.8	35.4	<0.5	179	0.11	0.129
3203267	Drill Core	3.51	22.9	37.4	153.0	3316	1.7	68.8	10.3	57	5.38	137	8.7	<0.5	118	23.4	24.5	<0.5	155	0.09	0.052
3203268	Drill Core	4.51	20.6	79.7	438.6	9625	6.1	150.6	27.7	56	15.90	648	25.8	0.6	341	85.9	87.0	<0.5	179	0.21	0.224
3203269	Drill Core	3.03	3.5	87.3	771.8	1900	8.9	222.7	24.1	71	20.26	997	14.7	0.5	299	33.1	76.7	<0.5	132	0.18	0.193
3203270	Drill Core	3.84	6.6	69.9	504.6	1353	5.6	219.9	24.4	59	20.08	966	31.9	0.5	616	40.9	91.8	<0.5	276	0.36	0.417
3203271	Drill Core	3.05	7.6	39.3	519.6	1812	2.9	127.1	13.2	50	8.05	397	14.6	<0.5	426	29.0	49.0	<0.5	185	0.29	0.262
3203272	Drill Core	3.69	8.3	62.3	469.7	846	5.3	160.8	17.7	64	17.00	661	7.4	<0.5	258	13.2	71.7	<0.5	109	0.25	0.179
3203273	Drill Core	3.57	18.5	40.1	218.9	4610	2.0	74.9	10.2	52	2.55	143	7.7	<0.5	214	39.8	36.3	<0.5	116	0.17	0.137
3203274	Drill Core	3.58	11.4	116.3	715.4	59508	5.9	88.1	12.8	92	9.75	234	4.8	<0.5	198	360.1	50.4	<0.5	81	0.17	0.105
3203275	Drill Core	3.85	2.5	60.2	287.2	2419	2.9	155.6	15.3	257	10.56	259	3.3	<0.5	402	16.2	52.6	<0.5	42	0.39	0.195
3203276	Drill Core	3.69	3.3	62.7	705.4	8023	3.6	175.3	20.4	2511	11.61	284	3.9	<0.5	477	54.0	60.3	<0.5	79	0.47	0.220
3203277	Drill Core	4.41	2.7	110.2	556.3	28528	4.6	198.6	19.4	812	11.78	383	3.1	<0.5	510	176.9	84.4	<0.5	60	0.48	0.227
3203278	Drill Core	3.36	5.0	68.6	316.6	17612	3.1	193.2	19.4	688	8.94	284	7.1	1.7	436	109.7	72.4	<0.5	101	0.42	0.277
3203279	Drill Core	4.17	3.9	78.1	414.4	15925	5.0	177.1	20.9	63	17.64	450	4.1	1.3	363	104.0	94.5	<0.5	49	0.36	0.188
3203280	Rock Pulp	0.11	16.4	5869.1	6703.5	29066	27.8	45.9	54.2	462	8.86	73	1.2	0.6	43	189.7	41.9	32.8	72	1.41	0.055
3203281	Drill Core	1.59	1.5	161.2	708.9	55352	10.3	125.9	13.8	81	21.31	431	1.7	<0.5	185	422.6	87.6	<0.5	43	0.16	0.083
3203282	Drill Core	1.57	1.7	169.7	752.9	62145	10.7	115.1	12.2	78	21.87	423	2.1	<0.5	217	445.3	83.3	<0.5	43	0.19	0.114
3203283	Drill Core	3.56	2.5	89.8	224.2	30661	3.4	141.5	13.3	52	7.00	217	3.2	1.0	281	217.1	51.9	<0.5	44	0.22	0.139
3203284	Drill Core	4.02	5.0	61.0	233.0	2857	2.2	157.7	12.5	143	6.03	203	5.4	0.6	296	20.0	51.7	<0.5	55	0.26	0.171
3203285	Drill Core	3.79	3.9	90.4	315.0	19466	4.1	144.5	9.8	41	11.38	285	8.2	0.8	433	139.6	74.8	<0.5	62	0.45	0.279
3203286	Drill Core	4.24	2.0	305.4	>40000	11160	129.2	169.3	24.8	422	17.68	1285	3.4	0.6	228	77.3	261.7	1.0	41	0.24	0.140
3203287	Drill Core	3.71	2.7	147.7	3114.6	13503	13.0	132.0	17.4	1000	17.27	889	4.2	<0.5	249	78.4	69.4	<0.5	63	0.37	0.216



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		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
3203258	Drill Core	0.8	20.5	0.24	367	0.001	0.40	<0.01	0.06	<0.5	1.01	3.5	1.6	14.21	<5	<2	50.65	3.13	26.50	0.46	0.44
3203259	Drill Core	0.7	20.3	0.79	390	<0.001	0.41	<0.01	0.06	<0.5	5.12	7.9	1.2	5.61	<5	<2	35.75	2.87	36.04	0.48	1.39
3203260	Rock	1.5	5.7	1.34	19	<0.001	0.04	0.01	0.02	<0.5	<0.05	2.6	<0.5	0.06	<5	<2	21.96	0.26	0.30	40.65	2.34
3203261	Drill Core	1.2	32.2	0.01	310	0.002	0.65	<0.01	0.10	<0.5	20.53	1.8	3.3	13.94	<5	3	57.41	5.63	15.74	0.59	0.10
3203262	Drill Core	1.0	28.4	<0.01	208	0.002	0.57	<0.01	0.08	<0.5	17.40	1.7	3.4	13.94	<5	2	58.78	4.72	16.31	0.55	0.10
3203263	Drill Core	1.7	33.9	0.01	742	0.002	0.84	<0.01	0.10	<0.5	1.96	2.9	1.3	6.58	<5	3	65.99	7.79	8.49	0.75	0.12
3203264	Drill Core	<0.5	6.6	<0.01	137	<0.001	0.10	<0.01	<0.01	<0.5	30.11	<0.5	3.3	26.51	<5	3	43.24	0.48	32.79	0.11	0.01
3203265	Drill Core	<0.5	15.6	0.02	231	0.001	0.22	<0.01	0.04	<0.5	12.53	<0.5	1.1	14.22	<5	3	65.17	1.39	17.41	0.13	0.04
3203266	Drill Core	0.6	32.9	<0.01	308	0.002	0.45	<0.01	0.04	<0.5	15.01	1.7	0.9	6.14	<5	3	78.43	2.58	7.02	0.20	0.03
3203267	Drill Core	<0.5	12.5	<0.01	337	0.002	0.17	<0.01	0.03	<0.5	3.10	<0.5	0.9	5.71	<5	<2	81.68	1.45	7.67	0.14	0.03
3203268	Drill Core	1.3	50.8	<0.01	287	0.002	0.63	<0.01	0.04	<0.5	10.70	2.2	3.3	18.23	<5	3	54.68	2.83	23.63	0.34	0.03
3203269	Drill Core	1.2	43.2	<0.01	209	0.001	0.61	<0.01	0.04	<0.5	4.12	1.7	4.3	23.26	<5	3	44.13	3.47	30.30	0.30	0.02
3203270	Drill Core	2.4	87.5	<0.01	306	0.002	1.32	<0.01	0.06	<0.5	2.00	3.9	4.2	22.65	<5	3	40.03	5.73	30.53	0.60	0.03
3203271	Drill Core	1.2	53.0	<0.01	266	0.001	0.84	<0.01	0.05	<0.5	1.85	2.2	1.4	8.88	<5	<2	70.89	4.20	11.30	0.44	0.03
3203272	Drill Core	0.6	30.5	<0.01	241	0.001	0.43	<0.01	0.03	<0.5	1.89	1.2	3.2	19.07	<5	<2	52.68	3.11	25.17	0.38	0.04
3203273	Drill Core	0.6	25.5	<0.01	229	0.001	0.31	<0.01	0.03	<0.5	4.53	0.8	0.9	2.55	<5	<2	85.49	2.24	3.66	0.26	0.02
3203274	Drill Core	<0.5	20.7	0.01	214	<0.001	0.20	<0.01	0.02	<0.5	51.51	0.5	2.4	12.99	6	3	64.69	1.62	13.84	0.26	0.02
3203275	Drill Core	1.5	16.1	0.04	475	0.001	0.32	<0.01	0.07	<0.5	2.71	1.0	1.4	11.07	<5	<2	64.23	4.55	15.41	0.57	0.11
3203276	Drill Core	0.6	31.4	0.32	353	0.001	0.37	<0.01	0.05	<0.5	7.62	4.2	2.5	5.98	<5	<2	58.80	4.47	17.12	0.68	0.60
3203277	Drill Core	1.0	20.5	0.11	429	0.001	0.39	<0.01	0.07	<0.5	23.31	1.8	4.6	11.76	5	3	56.04	4.44	17.34	0.69	0.24
3203278	Drill Core	1.2	38.6	0.09	362	0.002	0.77	<0.01	0.08	<0.5	12.34	4.4	2.2	8.62	<5	2	61.41	5.58	13.04	0.61	0.19
3203279	Drill Core	1.1	25.7	0.01	91	0.001	0.34	<0.01	0.05	<0.5	12.56	1.4	3.5	20.43	<5	5	48.43	3.36	25.97	0.51	0.06
3203280	Rock Pulp	2.8	66.6	1.16	582	0.150	1.89	0.11	0.23	26.2	6.05	5.7	2.8	7.40	10	25	45.65	10.96	16.42	5.62	4.21
3203281	Drill Core	<0.5	14.5	0.01	56	<0.001	0.22	<0.01	0.02	<0.5	53.47	<0.5	5.3	26.12	6	5	37.67	1.82	32.01	0.24	0.03
3203282	Drill Core	<0.5	17.4	0.01	85	<0.001	0.27	<0.01	0.02	<0.5	61.49	0.6	6.3	27.18	6	4	35.32	1.88	32.77	0.27	0.02
3203283	Drill Core	0.8	22.2	0.02	455	0.001	0.41	<0.01	0.06	<0.5	27.51	0.7	1.8	8.80	5	4	70.72	3.65	9.97	0.33	0.07
3203284	Drill Core	1.3	26.9	0.03	445	0.001	0.46	<0.01	0.07	<0.5	3.32	1.2	1.0	6.31	<5	2	72.61	4.72	8.62	0.39	0.10
3203285	Drill Core	1.2	37.4	<0.01	430	0.001	0.47	<0.01	0.07	<0.5	15.70	1.8	1.6	13.33	<5	6	59.54	4.28	16.26	0.64	0.05
3203286	Drill Core	0.6	36.3	0.12	287	<0.001	0.30	<0.01	0.04	<0.5	10.71	1.8	2.1	19.52	<5	14	46.13	2.95	25.79	0.37	0.21
3203287	Drill Core	0.9	49.1	0.18	97	0.001	0.54	<0.01	0.04	<0.5	11.83	2.6	2.6	17.76	<5	3	46.93	4.83	25.49	0.53	0.33



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Project: MacMillan Pass

Report Date: February 10, 2021

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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	SPG04
		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	Density
		%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g/cm3
		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
3203258	Drill Core	0.44	0.27	0.12	0.39	<0.01	0.29	<0.01	0.02	0.07	16.03	98.92	0.02	3.43	14.64	2.22	0.02	4.34	12.63	6.02	3.23
3203259	Drill Core	0.38	0.97	0.10	0.28	<0.01	0.23	<0.01	<0.01	0.67	20.94	100.34	0.03	6.85	5.90	2.31	0.03	16.51	4.71	3.58	3.29
3203260	Rock	0.10	<0.01	<0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	33.70	99.37	<0.01	9.53	0.04	0.23	<0.02	34.06	<0.02	<0.15	2.73
3203261	Drill Core	0.81	0.01	0.25	0.64	0.01	0.51	0.01	0.03	3.15	14.05	99.86	0.05	4.03	14.39	3.98	0.05	<0.08	12.14	6.74	3.03
3203262	Drill Core	0.69	<0.01	0.19	0.58	0.01	0.42	0.01	0.03	2.52	13.34	99.02	0.04	3.46	15.13	3.40	0.05	<0.08	12.50	7.88	3.03
3203263	Drill Core	1.10	0.01	0.39	0.81	0.02	0.72	<0.01	0.02	0.21	12.80	99.40	0.06	7.06	7.03	6.86	0.19	<0.08	5.46	4.71	2.78
3203264	Drill Core	0.04	0.02	<0.01	0.10	<0.01	0.04	<0.01	0.65	3.46	17.71	99.62	0.02	0.50	28.07	0.45	<0.02	0.12	21.14	20.76	3.54
3203265	Drill Core	0.18	0.02	0.06	0.14	<0.01	0.17	<0.01	0.05	1.48	12.25	98.91	0.12	3.00	14.47	2.82	0.13	0.16	10.83	10.91	3.04
3203266	Drill Core	0.30	0.01	0.11	0.32	<0.01	0.23	<0.01	0.02	2.09	7.82	99.73	0.14	3.28	6.41	3.01	0.27	<0.08	5.25	3.48	2.80
3203267	Drill Core	0.19	<0.01	0.07	0.12	<0.01	0.18	<0.01	0.02	0.33	7.09	99.10	0.13	3.39	6.00	3.02	0.36	<0.08	4.70	3.90	2.78
3203268	Drill Core	0.26	<0.01	0.09	0.56	<0.01	0.17	<0.01	0.06	0.97	15.29	99.21	0.11	2.52	19.61	2.44	0.06	<0.08	15.07	13.60	3.15
3203269	Drill Core	0.33	0.01	0.15	0.51	0.01	0.18	0.01	0.08	0.19	18.33	98.12	0.06	2.03	25.74	2.00	<0.02	<0.08	20.11	16.87	3.41
3203270	Drill Core	0.51	<0.01	0.21	1.07	0.02	0.28	<0.01	0.06	0.14	20.29	99.60	0.10	3.09	24.12	3.02	0.06	<0.08	17.12	20.97	3.36
3203271	Drill Core	0.41	<0.01	0.20	0.67	0.02	0.19	<0.01	0.06	0.17	9.90	98.60	0.08	3.17	9.24	3.11	0.06	<0.08	7.39	5.53	2.87
3203272	Drill Core	0.36	0.01	0.15	0.45	<0.01	0.18	<0.01	0.06	0.09	16.48	99.24	0.08	3.43	21.06	3.21	0.21	<0.08	15.96	15.28	3.18
3203273	Drill Core	0.26	<0.01	0.09	0.31	<0.01	0.15	<0.01	0.02	0.46	5.39	98.56	0.11	3.35	2.72	3.10	0.25	<0.08	2.08	1.90	2.72
3203274	Drill Core	0.21	0.02	0.15	0.25	0.01	0.13	0.01	0.08	6.26	10.54	99.71	0.07	2.50	13.84	2.41	0.06	0.10	11.19	7.94	3.07
3203275	Drill Core	0.69	0.04	0.30	0.48	0.01	0.38	<0.01	0.04	0.24	12.12	99.35	0.04	3.93	12.00	3.73	0.08	0.43	9.35	7.95	2.98
3203276	Drill Core	0.55	0.33	0.35	0.53	0.02	0.28	<0.01	0.08	0.81	14.28	99.20	0.05	6.23	6.41	4.90	0.17	4.25	5.32	3.27	2.96
3203277	Drill Core	0.61	0.11	0.28	0.58	0.01	0.32	<0.01	0.07	3.05	15.15	99.78	0.05	5.72	12.22	5.17	0.11	1.60	10.63	4.76	3.01
3203278	Drill Core	0.63	0.09	0.37	0.65	0.01	0.33	<0.01	0.04	1.74	13.45	98.67	0.06	5.63	8.97	5.21	0.12	1.13	6.83	6.40	2.92
3203279	Drill Core	0.43	<0.01	0.27	0.46	0.01	0.28	<0.01	0.04	1.56	16.93	98.80	0.04	2.90	21.79	2.84	0.05	<0.08	17.63	12.46	3.29
3203280	Rock Pulp	0.84	0.13	0.79	0.13	0.02	0.11	0.60	0.71	3.20	7.41	99.69	0.04	0.22	8.16	0.08	<0.02	0.48	6.14	6.04	3.08
3203281	Drill Core	0.23	0.02	0.07	0.22	<0.01	0.15	0.01	0.09	5.78	19.50	99.33	0.02	2.00	29.30	1.89	0.10	<0.08	21.40	23.67	3.53
3203282	Drill Core	0.22	0.02	0.07	0.27	<0.01	0.14	0.01	0.09	6.44	20.00	99.22	0.02	2.05	30.48	1.95	0.09	<0.08	22.00	25.41	3.60
3203283	Drill Core	0.52	<0.01	0.21	0.32	<0.01	0.27	<0.01	0.03	3.01	9.68	99.62	0.04	3.61	9.12	3.48	0.12	<0.08	5.72	10.19	2.88
3203284	Drill Core	0.68	0.02	0.27	0.40	0.01	0.37	0.01	0.03	0.28	10.96	99.62	0.05	6.03	6.29	5.73	0.25	0.21	5.13	3.49	2.79
3203285	Drill Core	0.60	0.01	0.22	0.64	0.01	0.34	<0.01	0.04	1.90	13.38	98.48	0.05	4.10	13.93	4.03	0.06	<0.08	10.19	11.21	3.00
3203286	Drill Core	0.41	0.06	0.37	0.33	0.02	0.21	0.03	4.60	1.08	16.13	99.38	0.03	2.68	20.92	2.40	0.03	0.89	16.48	13.30	3.38
3203287	Drill Core	0.61	0.13	0.87	0.52	0.04	0.43	0.02	0.32	1.33	16.07	98.90	0.05	2.45	18.82	2.04	<0.02	1.44	14.93	11.65	3.26



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Project:

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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
3203288	Drill Core	4.34	1.5	133.3	1339.5	21343	9.4	76.3	11.5	200	17.24	787	3.2	<0.5	248	132.8	66.6	<0.5	33	0.23	0.133			
3203289	Drill Core	7.01	1.6	187.4	1415.6	92803	23.9	125.3	26.7	78	29.81	717	2.1	<0.5	132	517.9	129.9	<0.5	34	0.12	0.077			
3203290	Drill Core	5.38	7.4	99.8	1633.2	47291	13.3	189.8	30.9	766	23.88	517	4.4	<0.5	241	276.6	107.0	<0.5	72	0.25	0.138			
3203291	Drill Core	4.20	3.2	50.4	481.1	2158	3.7	174.1	16.7	116	9.30	253	5.7	<0.5	245	12.6	59.1	<0.5	62	0.22	0.134			
3203292	Drill Core	4.13	3.1	54.6	582.7	7041	4.4	165.7	14.6	2097	15.74	243	5.1	<0.5	263	43.2	65.8	<0.5	72	0.24	0.134			
3203293	Drill Core	2.63	3.1	48.0	683.0	5879	3.4	114.5	10.8	1106	9.90	148	4.8	<0.5	496	34.3	53.2	<0.5	66	0.35	0.213			
3203294	Drill Core	3.58	1.6	106.4	1405.6	29989	7.8	123.0	20.0	2429	17.03	333	3.2	<0.5	313	180.8	72.2	<0.5	54	0.25	0.136			
3203295	Drill Core	2.58	1.8	59.4	447.9	1335	2.5	128.3	12.7	1640	9.35	239	1.6	<0.5	264	6.5	54.9	<0.5	39	0.17	0.088			
3203296	Drill Core	1.62	2.5	61.7	283.4	6127	2.3	125.2	14.1	1462	6.95	181	2.6	<0.5	1094	31.3	54.0	<0.5	53	0.39	0.227			
3203297	Drill Core	3.53	1.3	49.0	765.0	1406	2.1	101.8	9.6	2708	11.46	203	1.2	<0.5	203	6.1	61.8	<0.5	54	0.16	0.060			
3203298	Drill Core	3.03	2.9	36.4	167.1	494	1.3	100.6	9.8	1280	6.08	165	1.8	<0.5	329	2.1	49.2	<0.5	50	0.17	0.085			
3203299	Drill Core	3.48	2.1	55.3	327.7	927	2.0	137.5	14.0	1480	8.14	254	2.0	<0.5	382	4.2	71.0	<0.5	54	0.25	0.127			
3203300	Rock	2.39	<0.5	0.8	0.9	26	<0.5	2.2	<0.5	32	0.11	<5	0.6	<0.5	161	<0.5	<0.5	<0.5	<10	33.10	0.012			
3203301	Drill Core	1.90	1.9	65.1	512.3	4799	2.4	113.6	14.9	4419	14.58	144	2.1	0.9	345	22.8	43.1	<0.5	58	0.28	0.108			
3203302	Drill Core	1.44	1.8	79.7	584.3	6722	2.6	105.9	12.9	4941	16.28	126	2.1	0.6	410	33.3	41.5	<0.5	65	0.36	0.144			
3203303	Drill Core	4.11	2.3	56.2	393.3	1151	2.2	126.6	13.6	1471	8.05	294	2.6	0.7	332	6.1	60.1	<0.5	48	0.31	0.115			
3203304	Drill Core	3.56	1.9	91.0	522.7	20317	3.4	119.8	15.4	2430	14.10	213	3.8	0.6	505	137.5	63.0	<0.5	76	0.38	0.166			
3203305	Drill Core	3.92	0.9	239.7	2566.7	58677	13.0	93.6	14.1	1399	22.67	340	1.2	<0.5	224	360.2	78.0	<0.5	33	0.16	0.066			
3203306	Drill Core	4.07	1.7	32.5	334.4	2828	1.6	95.2	15.8	4952	14.07	86	1.7	1.0	481	13.6	31.7	<0.5	81	0.40	0.149			
3203307	Drill Core	3.31	2.0	88.6	4096.2	11980	11.6	125.0	13.9	810	7.59	152	2.2	0.6	692	50.8	74.7	<0.5	41	0.52	0.243			
3203308	Drill Core	2.90	2.1	55.0	4717.0	12422	12.6	68.2	9.6	811	4.92	111	2.1	<0.5	288	51.3	49.7	<0.5	32	0.25	0.109			
3203309	Drill Core	5.44	0.9	200.8	2137.0	144482	15.3	39.6	6.9	2632	20.26	264	1.0	<0.5	75	784.7	84.8	<0.5	39	0.14	0.037			
3203310	Drill Core	3.50	4.7	41.6	1627.4	1106	6.2	125.2	16.4	1327	5.84	143	4.4	0.7	481	4.5	73.0	<0.5	55	0.66	0.290			
3203311	Drill Core	4.83	2.7	110.7	7087.9	55557	20.0	86.8	12.4	1246	15.10	250	1.8	<0.5	243	308.4	88.5	<0.5	26	0.21	0.094			
3203312	Drill Core	3.21	2.0	32.0	2073.0	4718	6.0	65.1	8.7	267	2.68	78	2.5	<0.5	306	18.0	32.6	<0.5	30	0.34	0.154			
3203313	Drill Core	3.49	2.5	176.6	450.3	71317	5.4	77.3	10.9	614	5.74	131	2.5	<0.5	114	493.1	63.0	<0.5	33	0.14	0.064			
3203314	Drill Core	5.13	2.2	100.7	550.9	32478	5.4	105.0	15.1	71	15.13	313	2.4	0.5	206	201.8	85.0	<0.5	27	0.20	0.092			
3203315	Drill Core	2.96	2.5	59.3	245.8	3526	1.8	93.0	11.2	640	5.57	135	2.6	0.7	142	18.7	43.8	<0.5	32	0.19	0.077			
3203316	Drill Core	3.67	2.2	66.1	1538.2	7471	3.8	119.5	22.1	3064	10.41	107	2.5	0.9	266	35.9	38.5	<0.5	63	0.39	0.124			
3203317	Drill Core	3.22	1.4	103.4	3999.5	74206	10.9	103.5	17.0	1396	17.14	565	2.0	<0.5	215	287.2	56.3	<0.5	37	0.32	0.132			



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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
3203288	Drill Core	<0.5	23.7	0.03	170	<0.001	0.23	<0.01	0.02	<0.5	21.31	<0.5	3.7	19.38	<5	<2	54.15	1.59	24.99	0.34	0.06
3203289	Drill Core	<0.5	19.9	<0.01	152	<0.001	0.20	<0.01	0.01	<0.5	90.43	<0.5	12.8	>30	10	3	16.04	0.92	44.14	0.19	0.02
3203290	Drill Core	0.5	36.1	0.11	59	0.001	0.47	<0.01	0.03	<0.5	49.60	2.2	6.5	27.57	<5	<2	30.89	2.52	36.42	0.38	0.20
3203291	Drill Core	1.1	32.3	0.02	392	<0.001	0.57	<0.01	0.07	<0.5	3.22	1.7	1.2	10.13	<5	2	66.10	5.06	13.67	0.33	0.09
3203292	Drill Core	1.3	31.5	0.24	378	<0.001	0.56	<0.01	0.05	<0.5	7.30	3.2	1.0	11.98	<5	2	54.39	3.73	22.84	0.34	0.44
3203293	Drill Core	1.4	32.6	0.16	415	0.001	0.55	<0.01	0.06	<0.5	6.33	3.2	1.0	7.80	<5	<2	65.54	4.68	14.00	0.50	0.31
3203294	Drill Core	0.6	26.5	0.25	280	<0.001	0.41	<0.01	0.03	<0.5	30.60	3.0	2.7	13.27	<5	<2	49.28	2.90	24.81	0.35	0.48
3203295	Drill Core	0.7	13.6	0.23	468	<0.001	0.32	<0.01	0.06	<0.5	2.06	2.5	0.7	5.63	<5	3	65.44	5.36	13.80	0.26	0.45
3203296	Drill Core	2.3	19.8	0.20	760	0.001	0.40	<0.01	0.09	<0.5	5.46	3.4	0.8	3.01	<5	2	65.76	5.89	9.96	0.58	0.39
3203297	Drill Core	0.7	16.5	0.54	526	<0.001	0.25	<0.01	0.05	<0.5	2.18	5.0	1.0	2.95	<5	<2	63.07	3.89	17.00	0.24	0.96
3203298	Drill Core	1.1	19.0	0.23	541	<0.001	0.33	<0.01	0.08	<0.5	1.09	3.9	0.7	1.95	<5	<2	71.08	5.99	8.99	0.26	0.48
3203299	Drill Core	1.1	19.7	0.25	507	<0.001	0.36	<0.01	0.08	<0.5	1.66	3.8	1.4	3.75	<5	<2	66.80	5.58	11.68	0.36	0.49
3203300	Rock	1.6	4.2	1.14	18	<0.001	0.03	0.01	0.01	<0.5	0.19	1.8	<0.5	<0.05	<5	<2	8.33	0.25	0.19	49.06	2.12
3203301	Drill Core	0.9	15.6	0.58	277	0.001	0.28	<0.01	0.05	<0.5	4.66	4.7	0.8	3.30	<5	<2	53.39	3.98	21.80	0.40	1.01
3203302	Drill Core	0.9	15.7	0.67	284	0.001	0.29	<0.01	0.05	<0.5	6.31	4.4	0.6	3.25	<5	<2	51.35	3.50	23.86	0.49	1.15
3203303	Drill Core	1.7	16.7	0.27	379	0.011	0.52	<0.01	0.09	<0.5	1.36	3.8	0.7	4.49	<5	3	63.74	7.82	11.74	0.63	0.55
3203304	Drill Core	1.0	25.8	0.30	394	0.001	0.54	<0.01	0.08	<0.5	19.73	4.2	1.2	8.56	<5	2	53.04	4.77	20.74	0.52	0.59
3203305	Drill Core	<0.5	12.1	0.16	147	<0.001	0.18	<0.01	0.04	<0.5	59.89	1.7	1.3	23.72	7	3	33.95	2.16	33.54	0.23	0.32
3203306	Drill Core	2.0	70.1	0.47	643	0.001	0.40	<0.01	0.10	<0.5	2.48	7.9	<0.5	1.45	<5	<2	51.39	6.19	21.18	0.56	0.86
3203307	Drill Core	2.1	16.7	0.11	622	0.002	0.43	<0.01	0.10	<0.5	12.14	2.3	0.8	6.51	<5	4	66.47	5.58	11.00	0.72	0.25
3203308	Drill Core	1.1	14.1	0.13	463	0.001	0.32	<0.01	0.08	<0.5	12.79	1.7	0.7	3.50	<5	<2	74.61	4.37	7.20	0.34	0.27
3203309	Drill Core	<0.5	10.3	0.28	147	<0.001	0.09	<0.01	0.02	<0.5	132.25	2.7	3.3	20.49	15	5	31.02	0.89	29.00	0.19	0.56
3203310	Drill Core	1.7	20.0	0.22	736	0.002	0.47	<0.01	0.12	<0.5	1.24	2.8	0.6	1.78	<5	3	69.61	6.22	8.56	0.91	0.44
3203311	Drill Core	<0.5	11.4	0.16	210	<0.001	0.17	<0.01	0.03	<0.5	55.06	1.7	3.0	16.98	<5	3	51.26	2.01	22.37	0.30	0.28
3203312	Drill Core	1.5	14.2	0.04	614	0.001	0.38	<0.01	0.11	<0.5	4.72	1.5	<0.5	2.16	<5	<2	79.20	5.11	4.10	0.48	0.14
3203313	Drill Core	1.1	14.0	0.09	424	<0.001	0.31	<0.01	0.09	<0.5	69.15	1.7	0.8	7.08	8	3	66.76	4.46	8.48	0.21	0.21
3203314	Drill Core	1.0	14.1	0.01	287	<0.001	0.25	<0.01	0.08	<0.5	30.56	0.6	1.2	19.37	<5	3	51.71	4.10	22.35	0.28	0.07
3203315	Drill Core	1.5	14.0	0.10	400	<0.001	0.33	<0.01	0.10	<0.5	2.94	2.1	0.6	4.45	<5	<2	71.81	6.43	8.18	0.26	0.26
3203316	Drill Core	2.4	42.3	0.48	439	0.015	0.45	<0.01	0.09	<0.5	6.99	5.4	0.5	2.74	<5	2	58.56	7.22	15.60	0.67	0.89
3203317	Drill Core	0.6	21.5	0.19	67	0.001	0.22	<0.01	0.04	<0.5	76.94	2.6	1.3	17.84	6	4	42.04	3.12	25.21	0.42	0.35



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Project:

MacMillan Pass

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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	SPG04
		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	Density
		%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g/cm3
		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
3203288	Drill Core	0.19	0.03	0.07	0.31	<0.01	0.09	0.01	0.15	2.09	14.67	99.33	0.02	1.66	20.83	1.57	<0.02	0.29	16.34	13.45	3.27
3203289	Drill Core	0.09	<0.01	0.13	0.20	<0.01	0.05	0.01	0.15	9.19	25.21	98.75	0.01	0.49	40.11	0.47	<0.02	<0.08	29.01	33.26	4.14
3203290	Drill Core	0.25	0.11	0.38	0.36	0.01	0.21	<0.01	0.18	4.91	20.90	99.06	0.03	1.14	30.51	0.73	<0.02	1.49	22.43	24.21	3.70
3203291	Drill Core	0.71	0.02	0.26	0.36	0.01	0.36	<0.01	0.06	0.22	12.50	99.90	0.05	5.05	11.46	4.96	0.05	0.15	8.15	9.92	2.91
3203292	Drill Core	0.47	0.27	0.17	0.34	<0.01	0.27	<0.01	0.07	0.69	15.01	99.29	0.04	4.03	12.82	2.96	0.02	3.83	9.71	9.33	3.08
3203293	Drill Core	0.56	0.14	0.28	0.68	0.01	0.33	<0.01	0.08	0.57	11.32	99.24	0.04	3.87	8.06	3.34	0.05	1.76	5.49	7.68	2.92
3203294	Drill Core	0.31	0.31	0.20	0.39	<0.01	0.19	0.01	0.15	3.12	15.81	99.19	0.03	3.56	14.09	2.16	0.05	4.92	9.93	12.46	3.24
3203295	Drill Core	0.71	0.22	0.31	0.45	0.01	0.41	<0.01	0.05	0.13	11.88	99.62	0.04	5.00	6.01	4.00	0.24	2.78	4.99	3.08	2.89
3203296	Drill Core	0.77	0.19	0.28	1.30	<0.01	0.50	<0.01	0.03	0.60	11.03	97.56	0.05	5.81	3.26	4.79	0.31	2.60	2.59	2.03	2.86
3203297	Drill Core	0.50	0.37	0.21	0.36	<0.01	0.32	<0.01	0.09	0.14	11.94	99.23	0.03	4.81	3.19	2.86	0.23	6.32	2.55	1.92	2.96
3203298	Drill Core	0.86	0.18	0.34	0.61	0.01	0.50	<0.01	0.01	0.05	9.84	99.35	0.04	5.40	2.20	4.11	0.52	2.83	1.46	2.23	2.83
3203299	Drill Core	0.75	0.20	0.31	0.59	0.01	0.44	<0.01	0.03	0.09	10.93	98.40	0.04	5.01	4.07	3.94	0.30	2.84	3.40	2.02	2.89
3203300	Rock	0.10	<0.01	0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	39.99	100.11	<0.01	11.31	0.07	0.10	<0.02	41.10	0.02	<0.15	2.78
3203301	Drill Core	0.54	0.56	0.22	0.37	<0.01	0.27	<0.01	0.06	0.50	16.06	99.36	0.03	7.07	3.31	5.23	0.19	6.06	2.76	1.65	3.02
3203302	Drill Core	0.45	0.62	0.20	0.41	<0.01	0.24	0.01	0.06	0.68	16.91	100.21	0.03	7.24	3.43	6.20	0.48	2.08	2.52	2.71	3.02
3203303	Drill Core	1.08	0.19	0.38	0.49	0.01	0.43	<0.01	0.04	0.12	10.79	98.85	0.04	4.78	4.55	4.27	0.10	1.52	3.80	2.26	2.89
3203304	Drill Core	0.64	0.31	0.31	0.53	0.01	0.32	<0.01	0.05	2.07	15.42	99.95	0.04	5.66	9.43	4.42	0.04	4.39	7.46	5.89	3.12
3203305	Drill Core	0.32	0.18	0.17	0.23	<0.01	0.17	0.02	0.25	5.88	20.44	99.47	0.02	2.83	25.81	2.13	<0.02	2.55	20.91	14.68	3.59
3203306	Drill Core	0.94	0.64	0.85	0.46	0.03	0.54	<0.01	0.02	0.29	14.68	98.85	0.04	6.11	1.45	3.78	0.04	8.39	1.17	0.84	3.05
3203307	Drill Core	0.88	0.10	0.33	0.61	0.01	0.46	<0.01	0.40	1.22	10.73	99.26	0.03	4.42	6.29	4.06	0.06	1.07	5.16	3.38	2.91
3203308	Drill Core	0.70	0.10	0.26	0.29	<0.01	0.36	<0.01	0.48	1.24	8.25	98.95	0.03	4.38	3.48	3.94	0.07	1.37	2.90	1.76	2.83
3203309	Drill Core	0.14	0.33	0.06	0.11	<0.01	0.07	0.01	0.22	14.50	18.96	99.80	0.01	2.84	22.72	1.44	<0.02	5.06	16.63	18.25	3.60
3203310	Drill Core	1.00	0.17	0.34	0.72	0.01	0.52	<0.01	0.17	0.12	9.96	98.95	0.04	5.33	2.03	4.56	0.20	2.07	1.66	1.09	2.81
3203311	Drill Core	0.28	0.17	0.15	0.24	<0.01	0.15	<0.01	0.74	5.66	14.30	99.46	0.01	2.41	17.03	1.77	0.02	2.27	12.48	13.63	3.26
3203312	Drill Core	0.82	0.04	0.29	0.40	<0.01	0.45	<0.01	0.21	0.49	6.81	98.80	0.03	4.22	2.22	3.90	0.20	0.42	1.67	1.62	2.78
3203313	Drill Core	0.72	0.08	0.26	0.16	<0.01	0.33	0.02	0.04	7.21	9.23	100.08	0.03	3.40	7.72	3.04	0.03	1.22	5.97	5.25	2.94
3203314	Drill Core	0.67	0.02	0.25	0.22	<0.01	0.32	<0.01	0.06	3.25	15.35	99.60	0.03	2.51	19.40	2.41	0.07	0.09	16.14	9.77	3.23
3203315	Drill Core	1.07	0.08	0.36	0.20	0.02	0.45	<0.01	0.01	0.36	8.84	98.58	0.04	4.07	4.45	3.54	0.25	1.01	3.70	2.24	2.86
3203316	Drill Core	1.09	0.40	0.80	0.31	0.03	0.43	<0.01	0.15	0.78	11.57	99.31	0.04	4.47	3.06	3.05	0.04	5.06	2.48	1.72	2.96
3203317	Drill Core	0.45	0.18	0.39	0.33	0.01	0.29	<0.01	0.41	7.47	17.06	99.76	0.02	3.13	19.81	2.48	0.03	2.30	15.36	13.33	3.35



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Project: MacMillan Pass
Report Date: February 10, 2021

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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
3203318	Drill Core	3.81	2.0	66.1	603.6	17268	2.8	104.9	32.0	6362	17.33	181	2.9	0.5	665	70.1	30.9	<0.5	108	0.85	0.320
3203319	Drill Core	4.21	2.2	50.3	416.7	477	2.4	92.6	10.6	1378	7.80	134	3.3	0.8	661	2.0	56.1	<0.5	44	0.69	0.306
3203320	Rock Pulp	0.12	17.2	6039.6	6892.2	30890	28.5	49.3	59.0	477	9.30	68	1.2	0.7	44	194.7	39.2	31.7	79	1.53	0.058
3203321	Drill Core	1.53	1.8	88.7	393.8	15847	2.2	95.8	11.7	2606	9.96	136	3.8	<0.5	551	60.6	43.4	<0.5	57	0.58	0.260
3203322	Drill Core	1.53	56.8	106.7	541.5	41063	3.0	80.5	11.1	2731	10.18	114	3.2	<0.5	517	156.6	41.6	<0.5	62	0.59	0.247
3203323	Drill Core	3.85	2.8	56.2	272.8	651	1.4	88.2	8.8	925	3.70	83	4.0	0.7	552	2.5	45.7	<0.5	38	0.65	0.291
3203324	Drill Core	3.56	2.3	40.9	192.9	2069	1.0	62.1	7.1	1715	5.61	55	3.5	0.6	563	8.3	31.1	<0.5	44	0.60	0.258
3203325	Drill Core	4.16	1.5	179.2	3393.3	69733	10.7	78.1	10.3	2086	8.43	105	2.5	<0.5	582	318.8	55.7	<0.5	43	0.58	0.259
3203326	Drill Core	3.77	1.2	193.1	1500.7	79035	8.6	95.0	14.0	944	12.15	313	2.0	<0.5	337	402.7	70.3	<0.5	34	0.34	0.151
3203327	Drill Core	3.77	1.5	40.5	1901.9	16875	4.7	48.1	12.7	4341	12.34	87	2.7	<0.5	437	83.2	30.5	<0.5	83	0.46	0.178
3203328	Drill Core	5.50	22.6	189.1	2888.0	88489	12.1	396.7	60.5	5065	29.28	516	1.5	2.0	404	583.8	95.5	<0.5	128	0.53	0.211
3203329	Drill Core	4.11	3.2	73.8	2740.1	42580	6.7	358.8	64.4	5799	21.94	516	1.5	2.0	369	211.8	48.6	<0.5	139	0.48	0.165
3203330	Drill Core	3.57	3.0	18.9	671.3	3085	1.8	193.2	31.0	5838	16.96	224	1.6	1.2	308	16.5	20.6	<0.5	100	0.65	0.248
3203331	Drill Core	4.50	2.2	68.9	1720.5	41580	5.2	86.4	21.5	4149	16.70	234	1.5	<0.5	150	207.6	42.2	<0.5	67	0.32	0.108
3203332	Drill Core	4.09	2.8	24.0	822.4	4616	2.3	69.7	19.4	7603	22.50	117	1.6	0.6	220	35.9	21.1	<0.5	88	0.41	0.116
3203333	Drill Core	4.35	5.0	11.4	1042.1	677	2.6	91.1	22.9	7763	23.60	219	1.9	0.5	272	2.9	22.5	<0.5	101	0.44	0.137
3203334	Drill Core	4.41	2.6	31.6	957.5	13989	2.6	68.8	17.7	9996	26.91	91	1.6	<0.5	165	59.4	12.7	<0.5	189	0.41	0.081
3203335	Drill Core	5.06	2.3	26.3	1216.1	19809	3.1	141.6	33.1	9492	26.75	208	1.5	0.7	164	99.2	22.4	<0.5	151	0.44	0.119



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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
3203318	Drill Core	1.3	79.7	0.65	516	0.002	0.36	<0.01	0.08	<0.5	19.73	8.2	0.7	2.31	<5	<2	42.69	4.61	25.58	1.19	1.12
3203319	Drill Core	1.7	19.1	0.15	647	0.002	0.48	<0.01	0.14	<0.5	0.67	3.4	0.5	4.78	<5	2	64.74	6.92	11.49	0.98	0.34
3203320	Rock Pulp	3.1	76.3	1.25	519	0.177	2.01	0.13	0.24	23.0	5.35	6.6	2.7	7.72	10	27	45.64	10.99	16.42	5.62	4.21
3203321	Drill Core	0.9	20.3	0.29	481	0.002	0.41	<0.01	0.10	<0.5	16.93	4.2	0.6	4.33	<5	2	62.30	5.20	14.60	0.81	0.54
3203322	Drill Core	0.9	18.8	0.33	407	0.002	0.39	<0.01	0.09	<0.5	40.57	4.3	0.5	4.83	6	3	59.03	4.41	14.72	0.81	0.58
3203323	Drill Core	1.7	17.7	0.11	685	0.002	0.54	<0.01	0.15	<0.5	0.81	3.0	<0.5	1.47	<5	2	72.69	7.54	5.72	0.93	0.29
3203324	Drill Core	1.6	18.6	0.20	602	0.002	0.51	<0.01	0.12	<0.5	1.66	3.7	<0.5	1.22	<5	2	69.70	6.50	8.29	0.84	0.41
3203325	Drill Core	0.8	23.6	0.28	314	0.002	0.52	<0.01	0.07	<0.5	59.99	2.7	0.8	6.29	6	4	61.04	3.81	11.97	0.79	0.53
3203326	Drill Core	0.6	21.7	0.12	281	0.001	0.33	<0.01	0.06	<0.5	74.68	1.7	2.0	13.54	6	4	54.37	2.83	17.32	0.47	0.22
3203327	Drill Core	0.7	31.4	0.42	313	0.001	0.31	<0.01	0.06	<0.5	17.60	7.0	0.5	2.84	<5	<2	60.34	3.37	17.91	0.64	0.72
3203328	Drill Core	3.3	280.9	0.60	307	0.004	2.02	<0.01	0.04	<0.5	86.10	6.6	2.6	19.22	13	3	13.09	6.08	41.32	0.75	1.03
3203329	Drill Core	3.3	283.9	0.58	444	0.004	2.11	<0.01	0.05	<0.5	42.44	8.8	1.4	7.53	9	2	30.71	8.64	32.48	0.69	1.03
3203330	Drill Core	1.7	139.8	0.63	426	0.002	0.93	<0.01	0.05	<0.5	2.94	7.3	0.5	1.50	<5	<2	45.55	6.54	25.60	0.91	1.08
3203331	Drill Core	0.8	41.3	0.45	150	0.001	0.29	<0.01	0.03	<0.5	40.69	4.4	1.4	8.10	<5	<2	45.16	3.76	25.90	0.47	0.83
3203332	Drill Core	0.9	65.0	0.75	112	0.001	0.28	<0.01	0.02	<0.5	4.36	7.2	<0.5	2.21	<5	<2	37.72	3.35	34.03	0.57	1.28
3203333	Drill Core	0.9	63.1	0.68	91	0.001	0.84	<0.01	0.02	<0.5	0.58	6.5	<0.5	2.93	<5	<2	36.43	3.99	35.72	0.62	1.16
3203334	Drill Core	0.7	66.7	0.93	88	<0.001	0.41	<0.01	0.01	<0.5	15.53	13.6	0.5	1.33	<5	<2	26.50	3.00	40.73	0.58	1.59
3203335	Drill Core	1.7	119.4	1.15	115	0.002	0.94	<0.01	0.02	<0.5	19.78	11.2	<0.5	2.81	<5	<2	26.22	3.89	39.72	0.63	1.94



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Project: MacMillan Pass
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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	LF725	TC000	TC000	TC005	TC005	TC006	TC010	TC010	SPG04
		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	Density
		%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g/cm3
		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	0.01
3203318	Drill Core	0.69	0.80	0.66	0.83	0.03	0.35	<0.01	0.05	1.76	17.56	98.47	0.04	7.24	2.52	4.19	0.03	11.08	1.68	2.51	3.17
3203319	Drill Core	1.14	0.17	0.41	0.77	0.01	0.48	<0.01	0.03	0.05	11.17	98.87	0.04	5.19	5.08	4.62	0.15	1.55	4.08	3.02	2.87
3203320	Rock Pulp	0.84	0.14	0.77	0.13	0.02	0.13	0.60	0.69	3.19	7.13	99.36	0.03	0.22	7.77	0.12	<0.02	0.33	5.45	6.95	3.10
3203321	Drill Core	0.83	0.35	0.30	0.62	0.03	0.35	<0.01	0.03	1.61	12.01	100.11	0.04	5.25	4.26	4.14	0.05	3.89	3.52	2.22	2.92
3203322	Drill Core	0.68	0.35	0.26	0.62	0.02	0.28	0.02	0.06	4.13	12.25	99.33	0.04	5.05	5.08	3.66	0.04	4.95	4.06	3.07	2.97
3203323	Drill Core	1.25	0.12	0.42	0.71	0.03	0.49	<0.01	0.02	0.07	9.31	99.79	0.04	6.02	1.54	5.53	0.19	1.09	1.18	1.10	2.78
3203324	Drill Core	1.07	0.22	0.38	0.63	0.01	0.42	<0.01	<0.01	0.21	9.54	98.43	0.04	5.35	1.31	4.75	0.08	1.93	0.97	1.00	2.79
3203325	Drill Core	0.49	0.27	0.22	0.61	<0.01	0.19	0.01	0.33	7.00	10.07	99.17	0.02	3.54	6.54	2.72	<0.02	2.94	4.51	6.09	3.02
3203326	Drill Core	0.38	0.12	0.19	0.38	<0.01	0.16	0.02	0.15	7.91	12.81	99.43	0.02	2.67	14.82	2.25	0.03	1.41	11.24	10.73	3.22
3203327	Drill Core	0.45	0.55	0.23	0.44	0.01	0.20	<0.01	0.19	1.71	12.65	99.91	0.04	5.26	2.83	3.39	0.04	6.72	2.17	1.99	3.04
3203328	Drill Core	0.37	0.63	1.80	0.52	0.07	0.21	0.01	0.29	8.99	21.72	99.29	0.04	3.14	19.33	0.93	<0.02	8.08	15.32	12.01	3.80
3203329	Drill Core	0.68	0.74	1.60	0.43	0.08	0.47	<0.01	0.28	4.39	16.39	99.83	0.05	3.35	8.17	0.75	0.02	9.42	6.69	4.45	3.39
3203330	Drill Core	0.61	0.75	1.18	0.61	0.06	0.32	<0.01	0.06	0.32	14.95	98.71	0.05	5.13	1.64	2.51	0.12	9.16	1.32	0.96	3.16
3203331	Drill Core	0.32	0.54	0.30	0.27	0.02	0.14	<0.01	0.17	4.43	16.81	100.31	0.03	5.38	8.71	3.25	0.09	7.50	6.52	6.53	3.21
3203332	Drill Core	0.22	0.96	0.39	0.28	0.01	0.08	<0.01	0.08	0.48	20.21	99.85	0.03	7.53	2.24	3.63	0.15	13.78	1.67	1.73	3.28
3203333	Drill Core	0.20	1.00	0.35	0.34	<0.01	0.06	<0.01	0.10	0.07	19.75	99.85	0.03	7.02	3.16	3.36	0.12	12.96	2.30	2.58	3.24
3203334	Drill Core	0.13	1.28	0.33	0.20	0.01	0.05	<0.01	0.10	1.46	23.16	99.53	0.06	8.27	1.51	2.55	0.02	20.88	1.18	1.01	3.35
3203335	Drill Core	0.18	1.20	0.64	0.31	0.02	0.08	<0.01	0.12	2.02	21.68	99.21	0.05	6.86	2.89	1.78	<0.02	18.55	2.25	1.91	3.41



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QUALITY CONTROL REPORT

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	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
3203213	Drill Core	3.39	8.7	28.6	312.2	5764	1.8	93.4	6.2	4037	11.39	113	14.4	<0.5	834	38.8	32.7	<0.5	346	0.33	0.189
3203248	Drill Core	3.35	3.7	61.8	159.9	3046	1.8	90.3	12.4	44	5.59	140	16.7	0.5	376	38.1	39.1	<0.5	86	0.48	0.296
3203284	Drill Core	4.02	5.0	61.0	233.0	2857	2.2	157.7	12.5	143	6.03	203	5.4	0.6	296	20.0	51.7	<0.5	55	0.26	0.171
3203318	Drill Core	3.81	2.0	66.1	603.6	17268	2.8	104.9	32.0	6362	17.33	181	2.9	0.5	665	70.1	30.9	<0.5	108	0.85	0.320
Pulp Duplicates																					
3203198	Drill Core	3.20	17.0	36.5	207.1	281	1.8	62.4	7.9	50	3.64	143	7.4	0.5	263	2.8	35.3	<0.5	121	0.16	0.080
REP 3203198	QC																				
3203201	Drill Core	1.65	23.1	29.4	158.5	740	1.2	56.5	2.7	43	1.87	81	13.0	<0.5	152	10.6	39.6	<0.5	235	0.08	0.039
REP 3203201	QC		22.7	30.0	155.0	731	1.3	55.5	2.6	43	1.85	84	12.9	<0.5	151	10.8	38.8	<0.5	234	0.07	0.041
3203202	Drill Core	1.46	22.6	32.9	113.8	501	1.4	65.5	3.0	45	2.60	98	11.8	<0.5	134	3.9	39.0	<0.5	220	0.07	0.038
REP 3203202	QC																				
3203212	Drill Core	4.26	10.1	52.6	378.0	20769	3.5	68.2	3.3	1436	6.94	88	9.7	<0.5	225	136.1	36.6	<0.5	195	0.12	0.073
REP 3203212	QC																				
3203217	Drill Core	3.96	17.9	48.0	262.9	6702	3.1	65.8	5.4	175	4.52	114	1.9	<0.5	122	53.7	38.5	<0.5	126	0.06	0.031
REP 3203217	QC																				
3203221	Drill Core	1.60	9.7	26.0	282.0	1218	1.9	87.6	4.8	257	3.39	100	9.4	<0.5	1097	9.6	25.4	<0.5	187	0.34	0.224
REP 3203221	QC																				
3203231	Drill Core	3.61	7.6	84.7	349.6	21802	3.8	123.6	7.7	51	8.63	231	8.5	1.1	494	189.9	46.2	<0.5	129	0.25	0.146
REP 3203231	QC																				
3203234	Drill Core	3.39	11.4	35.4	238.7	302	1.9	97.5	10.9	720	6.43	196	17.8	1.1	2043	2.0	40.4	<0.5	239	1.74	0.874
REP 3203234	QC		11.4	37.8	245.3	333	2.1	106.8	11.6	739	6.60	204	18.4	1.2	2168	1.8	40.3	<0.5	257	1.80	0.919
3203242	Drill Core	0.99	5.6	30.1	145.2	1072	1.1	38.6	3.6	41	1.86	50	15.9	<0.5	234	24.6	17.1	<0.5	96	0.17	0.125
REP 3203242	QC																				
3203246	Drill Core	3.58	3.3	178.3	314.0	47134	4.5	114.9	17.9	47	13.73	316	9.1	<0.5	283	483.7	79.0	<0.5	73	0.41	0.259
REP 3203246	QC																				
3203252	Drill Core	4.09	3.4	52.1	242.6	25236	3.4	80.3	8.6	1855	8.91	115	2.4	0.6	531	180.8	34.5	<0.5	49	0.49	0.247
REP 3203252	QC																				
3203256	Drill Core	3.88	6.9	77.9	291.7	3589	2.5	152.1	12.7	50	10.21	215	3.5	<0.5	348	29.7	59.9	<0.5	62	0.28	0.154
REP 3203256	QC																				



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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	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
3203213	Drill Core	4.0	40.3	0.43	737	0.002	0.55	<0.01	0.05	<0.5	5.34	3.7	<0.5	3.25	<5	4	62.29	2.44	16.69	0.47	0.75
3203248	Drill Core	2.7	35.0	<0.01	515	0.002	0.59	<0.01	0.05	<0.5	2.74	2.4	1.2	6.06	<5	3	77.98	3.85	7.91	0.67	0.07
3203284	Drill Core	1.3	26.9	0.03	445	0.001	0.46	<0.01	0.07	<0.5	3.32	1.2	1.0	6.31	<5	2	72.61	4.72	8.62	0.39	0.10
3203318	Drill Core	1.3	79.7	0.65	516	0.002	0.36	<0.01	0.08	<0.5	19.73	8.2	0.7	2.31	<5	<2	42.69	4.61	25.58	1.19	1.12
Pulp Duplicates																					
3203198	Drill Core	1.3	11.2	<0.01	348	0.001	0.17	<0.01	0.04	<0.5	0.69	0.7	<0.5	3.87	<5	3	84.87	1.78	5.40	0.24	0.05
REP 3203198	QC																				
3203201	Drill Core	0.7	12.9	<0.01	397	0.002	0.16	<0.01	0.04	<0.5	0.87	<0.5	<0.5	1.75	<5	3	87.47	1.42	2.65	0.12	0.04
REP 3203201	QC	0.7	12.5	<0.01	398	0.002	0.16	<0.01	0.04	<0.5	0.81	0.6	<0.5	1.71	<5	3	87.56	1.41	2.63	0.12	0.04
3203202	Drill Core	0.5	11.7	<0.01	356	0.002	0.14	<0.01	0.03	<0.5	0.71	0.6	<0.5	2.73	<5	4	87.54	1.30	3.84	0.12	0.04
REP 3203202	QC																87.59	1.32	3.84	0.12	0.03
3203212	Drill Core	0.7	22.5	0.17	330	0.001	0.32	<0.01	0.03	<0.5	17.86	1.7	<0.5	5.47	<5	4	73.89	1.55	10.02	0.17	0.29
REP 3203212	QC																				
3203217	Drill Core	<0.5	14.3	0.03	271	<0.001	0.12	<0.01	0.03	<0.5	6.39	<0.5	0.7	4.96	<5	5	84.00	1.07	6.59	0.09	0.07
REP 3203217	QC																				
3203221	Drill Core	2.2	25.2	0.05	795	0.003	0.34	<0.01	0.05	<0.5	1.36	1.2	<0.5	2.88	<5	4	80.46	2.76	4.93	0.49	0.12
REP 3203221	QC																				
3203231	Drill Core	1.5	21.3	<0.01	287	0.002	0.21	<0.01	0.04	<0.5	19.41	1.0	1.1	10.00	<5	8	70.27	1.81	12.36	0.35	0.04
REP 3203231	QC																				
3203234	Drill Core	5.7	47.4	0.14	881	0.005	0.70	<0.01	0.11	<0.5	0.58	2.5	0.8	4.62	<5	6	66.87	4.36	9.13	2.46	0.30
REP 3203234	QC	6.1	49.8	0.14	716	0.006	0.76	<0.01	0.12	<0.5	0.58	2.7	0.9	4.72	<5	7	67.05	4.39	9.17	2.47	0.30
3203242	Drill Core	1.1	22.6	<0.01	281	0.001	0.34	<0.01	0.03	<0.5	0.87	1.5	<0.5	1.74	<5	2	89.44	2.48	2.63	0.23	0.04
REP 3203242	QC																				
3203246	Drill Core	1.5	30.6	<0.01	300	0.001	0.45	<0.01	0.04	<0.5	39.58	2.1	1.9	17.20	7	6	56.87	2.90	19.24	0.56	0.05
REP 3203246	QC																				
3203252	Drill Core	1.6	12.9	0.24	471	0.001	0.23	<0.01	0.05	<0.5	19.44	1.8	1.3	5.14	<5	<2	69.81	2.12	12.32	0.66	0.42
REP 3203252	QC																				
3203256	Drill Core	1.8	18.0	<0.01	376	0.001	0.32	<0.01	0.06	<0.5	3.08	1.1	2.5	11.24	<5	3	68.66	3.06	14.24	0.36	0.06
REP 3203256	QC																				



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QUALITY CONTROL REPORT

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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	SPG04			
		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	Density		
		%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g/cm3		
		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	0.01	
3203213	Drill Core	0.21	0.51	0.12	0.92	<0.01	0.24	<0.01	0.02	0.57	13.58	99.00	0.15	6.25	3.48	4.30	0.30	6.04	2.64	2.52	2.93		
3203248	Drill Core	0.48	<0.01	0.14	0.76	0.01	0.34	<0.01	<0.01	0.29	6.98	99.63	0.05	2.40	6.45	2.26	0.13	<0.08	5.17	3.84	2.84		
3203284	Drill Core	0.68	0.02	0.27	0.40	0.01	0.37	0.01	0.03	0.28	10.96	99.62	0.05	6.03	6.29	5.73	0.25	0.21	5.13	3.49	2.79		
3203318	Drill Core	0.69	0.80	0.66	0.83	0.03	0.35	<0.01	0.05	1.76	17.56	98.47	0.04	7.24	2.52	4.19	0.03	11.08	1.68	2.51	3.17		
Pulp Duplicates																							
3203198	Drill Core	0.26	<0.01	0.10	0.30	<0.01	0.19	<0.01	0.02	0.03	6.06	99.32	0.11	3.62	3.98	3.30	0.32	<0.08	3.05	2.78	2.73		
REP 3203198	QC																			0.33			
3203201	Drill Core	0.21	<0.01	0.08	0.18	<0.01	0.17	<0.01	0.01	0.07	5.61	98.09	0.17	4.45	1.81	3.86	0.59	<0.08	1.41	1.20	2.66		
REP 3203201	QC	0.22	<0.01	0.08	0.17	<0.01	0.17	<0.01	0.01	0.07	5.61	98.15	0.17										
3203202	Drill Core	0.20	<0.01	0.07	0.15	<0.01	0.16	<0.01	0.01	0.05	5.92	99.43	0.16	4.03	2.77	3.52	0.51	<0.08	2.35	1.28	2.69		
REP 3203202	QC	0.20	<0.01	0.07	0.14	<0.01	0.15	<0.01	0.01	0.05	5.92	99.47	0.16										
3203212	Drill Core	0.17	0.17	0.07	0.28	<0.01	0.14	<0.01	0.03	2.00	9.69	98.99	0.11	4.37	5.56	3.60	0.20	2.08	4.19	4.12	2.83		
REP 3203212	QC																					2.82	
3203217	Drill Core	0.16	0.03	0.07	0.15	<0.01	0.11	<0.01	0.02	0.65	6.46	99.64	0.10	2.96	5.09	2.76	0.16	0.16	3.63	4.39	2.79		
REP 3203217	QC																			0.13			
3203221	Drill Core	0.27	0.03	0.14	1.24	<0.01	0.32	<0.01	0.03	0.12	7.60	98.59	0.12	4.81	3.04	4.30	0.42	0.34	2.26	2.32	2.74		
REP 3203221	QC														4.62	2.98							
3203231	Drill Core	0.20	0.01	0.04	0.70	<0.01	0.21	<0.01	0.02	2.08	10.22	98.89	0.10	3.25	11.21	3.12	0.13	<0.08	7.80	10.22	2.95		
REP 3203231	QC																0.21						7.27
3203234	Drill Core	0.50	0.10	0.17	2.88	0.01	0.44	<0.01	0.02	0.03	10.72	98.09	0.13	5.84	5.14	5.14	0.34	1.33	4.08	3.18	2.82		
REP 3203234	QC	0.50	0.10	0.18	2.88	0.02	0.45	0.01	0.02	0.03	10.72	98.33	0.13										
3203242	Drill Core	0.26	0.01	0.08	0.35	<0.01	0.18	0.01	<0.01	0.10	3.84	99.73	0.06	2.11	1.87	1.93	0.17	<0.08	1.44	1.31	2.75		
REP 3203242	QC																			1.38			
3203246	Drill Core	0.31	<0.01	0.07	0.62	<0.01	0.21	<0.01	0.03	4.80	12.88	99.85	0.05	1.76	17.57	1.70	0.04	<0.08	14.64	8.78	3.17		
REP 3203246	QC																					3.20	
3203252	Drill Core	0.30	0.24	0.06	0.67	<0.01	0.24	<0.01	0.02	2.37	9.11	98.96	0.04	3.24	5.42	2.11	0.05	3.93	3.95	4.41	2.92		
REP 3203252	QC																			3.91			
3203256	Drill Core	0.44	<0.01	0.13	0.39	<0.01	0.32	<0.01	0.02	0.34	10.42	98.63	0.05	2.80	11.55	2.74	0.07	<0.08	9.31	6.72	2.95		
REP 3203256	QC														2.87	12.01							



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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
3203266	Drill Core	4.16	24.9	46.1	145.9	21444	2.8	75.3	9.0	42	4.85	190	11.3	0.7	207	151.8	35.4	<0.5	179	0.11	0.129
REP 3203266	QC																				
3203267	Drill Core	3.51	22.9	37.4	153.0	3316	1.7	68.8	10.3	57	5.38	137	8.7	<0.5	118	23.4	24.5	<0.5	155	0.09	0.052
REP 3203267	QC																				
3203268	Drill Core	4.51	20.6	79.7	438.6	9625	6.1	150.6	27.7	56	15.90	648	25.8	0.6	341	85.9	87.0	<0.5	179	0.21	0.224
REP 3203268	QC																				
3203269	Drill Core	3.03	3.5	87.3	771.8	1900	8.9	222.7	24.1	71	20.26	997	14.7	0.5	299	33.1	76.7	<0.5	132	0.18	0.193
REP 3203269	QC		3.4	87.9	769.1	1923	8.5	213.4	23.9	71	20.47	1004	14.6	<0.5	288	32.3	75.6	<0.5	134	0.18	0.181
3203282	Drill Core	1.57	1.7	169.7	752.9	62145	10.7	115.1	12.2	78	21.87	423	2.1	<0.5	217	445.3	83.3	<0.5	43	0.19	0.114
REP 3203282	QC																				
3203287	Drill Core	3.71	2.7	147.7	3114.6	13503	13.0	132.0	17.4	1000	17.27	889	4.2	<0.5	249	78.4	69.4	<0.5	63	0.37	0.216
REP 3203287	QC																				
3203291	Drill Core	4.20	3.2	50.4	481.1	2158	3.7	174.1	16.7	116	9.30	253	5.7	<0.5	245	12.6	59.1	<0.5	62	0.22	0.134
REP 3203291	QC																				
3203301	Drill Core	1.90	1.9	65.1	512.3	4799	2.4	113.6	14.9	4419	14.58	144	2.1	0.9	345	22.8	43.1	<0.5	58	0.28	0.108
REP 3203301	QC																				
3203302	Drill Core	1.44	1.8	79.7	584.3	6722	2.6	105.9	12.9	4941	16.28	126	2.1	0.6	410	33.3	41.5	<0.5	65	0.36	0.144
REP 3203302	QC																				
3203304	Drill Core	3.56	1.9	91.0	522.7	20317	3.4	119.8	15.4	2430	14.10	213	3.8	0.6	505	137.5	63.0	<0.5	76	0.38	0.166
REP 3203304	QC		1.9	86.3	536.8	20052	3.3	119.7	15.2	2395	13.79	206	3.7	<0.5	493	131.4	62.3	<0.5	76	0.37	0.168
3203317	Drill Core	3.22	1.4	103.4	3999.5	74206	10.9	103.5	17.0	1396	17.14	565	2.0	<0.5	215	287.2	56.3	<0.5	37	0.32	0.132
REP 3203317	QC																				
3203322	Drill Core	1.53	56.8	106.7	541.5	41063	3.0	80.5	11.1	2731	10.18	114	3.2	<0.5	517	156.6	41.6	<0.5	62	0.59	0.247
REP 3203322	QC																				
3203326	Drill Core	3.77	1.2	193.1	1500.7	79035	8.6	95.0	14.0	944	12.15	313	2.0	<0.5	337	402.7	70.3	<0.5	34	0.34	0.151
REP 3203326	QC																				
3203332	Drill Core	4.09	2.8	24.0	822.4	4616	2.3	69.7	19.4	7603	22.50	117	1.6	0.6	220	35.9	21.1	<0.5	88	0.41	0.116
REP 3203332	QC																				
3203335	Drill Core	5.06	2.3	26.3	1216.1	19809	3.1	141.6	33.1	9492	26.75	208	1.5	0.7	164	99.2	22.4	<0.5	151	0.44	0.119



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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
3203266	Drill Core	0.6	32.9	<0.01	308	0.002	0.45	<0.01	0.04	<0.5	15.01	1.7	0.9	6.14	<5	3	78.43	2.58	7.02	0.20	0.03
REP 3203266	QC																				
3203267	Drill Core	<0.5	12.5	<0.01	337	0.002	0.17	<0.01	0.03	<0.5	3.10	<0.5	0.9	5.71	<5	<2	81.68	1.45	7.67	0.14	0.03
REP 3203267	QC																				
3203268	Drill Core	1.3	50.8	<0.01	287	0.002	0.63	<0.01	0.04	<0.5	10.70	2.2	3.3	18.23	<5	3	54.68	2.83	23.63	0.34	0.03
REP 3203268	QC																54.76	2.84	23.69	0.35	0.03
3203269	Drill Core	1.2	43.2	<0.01	209	0.001	0.61	<0.01	0.04	<0.5	4.12	1.7	4.3	23.26	<5	3	44.13	3.47	30.30	0.30	0.02
REP 3203269	QC	1.1	43.4	<0.01	215	<0.001	0.62	<0.01	0.04	<0.5	3.95	1.9	4.2	22.78	<5	<2					
3203282	Drill Core	<0.5	17.4	0.01	85	<0.001	0.27	<0.01	0.02	<0.5	61.49	0.6	6.3	27.18	6	4	35.32	1.88	32.77	0.27	0.02
REP 3203282	QC																				
3203287	Drill Core	0.9	49.1	0.18	97	0.001	0.54	<0.01	0.04	<0.5	11.83	2.6	2.6	17.76	<5	3	46.93	4.83	25.49	0.53	0.33
REP 3203287	QC																				
3203291	Drill Core	1.1	32.3	0.02	392	<0.001	0.57	<0.01	0.07	<0.5	3.22	1.7	1.2	10.13	<5	2	66.10	5.06	13.67	0.33	0.09
REP 3203291	QC																				
3203301	Drill Core	0.9	15.6	0.58	277	0.001	0.28	<0.01	0.05	<0.5	4.66	4.7	0.8	3.30	<5	<2	53.39	3.98	21.80	0.40	1.01
REP 3203301	QC																				
3203302	Drill Core	0.9	15.7	0.67	284	0.001	0.29	<0.01	0.05	<0.5	6.31	4.4	0.6	3.25	<5	<2	51.35	3.50	23.86	0.49	1.15
REP 3203302	QC																51.23	3.51	23.93	0.49	1.14
3203304	Drill Core	1.0	25.8	0.30	394	0.001	0.54	<0.01	0.08	<0.5	19.73	4.2	1.2	8.56	<5	2	53.04	4.77	20.74	0.52	0.59
REP 3203304	QC	1.0	25.9	0.29	337	0.001	0.55	<0.01	0.07	<0.5	20.07	3.9	1.1	8.83	<5	2					
3203317	Drill Core	0.6	21.5	0.19	67	0.001	0.22	<0.01	0.04	<0.5	76.94	2.6	1.3	17.84	6	4	42.04	3.12	25.21	0.42	0.35
REP 3203317	QC																				
3203322	Drill Core	0.9	18.8	0.33	407	0.002	0.39	<0.01	0.09	<0.5	40.57	4.3	0.5	4.83	6	3	59.03	4.41	14.72	0.81	0.58
REP 3203322	QC																				
3203326	Drill Core	0.6	21.7	0.12	281	0.001	0.33	<0.01	0.06	<0.5	74.68	1.7	2.0	13.54	6	4	54.37	2.83	17.32	0.47	0.22
REP 3203326	QC																				
3203332	Drill Core	0.9	65.0	0.75	112	0.001	0.28	<0.01	0.02	<0.5	4.36	7.2	<0.5	2.21	<5	<2	37.72	3.35	34.03	0.57	1.28
REP 3203332	QC																37.65	3.36	34.11	0.57	1.28
3203335	Drill Core	1.7	119.4	1.15	115	0.002	0.94	<0.01	0.02	<0.5	19.78	11.2	<0.5	2.81	<5	<2	26.22	3.89	39.72	0.63	1.94



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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 %	SPG04 Density g/cm3		
		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	0.01		
3203266	Drill Core	0.30	0.01	0.11	0.32	<0.01	0.23	<0.01	0.02	2.09	7.82	99.73	0.14	3.28	6.41	3.01	0.27	<0.08	5.25	3.48	2.80		
REP 3203266	QC																			0.30			
3203267	Drill Core	0.19	<0.01	0.07	0.12	<0.01	0.18	<0.01	0.02	0.33	7.09	99.10	0.13	3.39	6.00	3.02	0.36	<0.08	4.70	3.90	2.78		
REP 3203267	QC																			4.78			
3203268	Drill Core	0.26	<0.01	0.09	0.56	<0.01	0.17	<0.01	0.06	0.97	15.29	99.21	0.11	2.52	19.61	2.44	0.06	<0.08	15.07	13.60	3.15		
REP 3203268	QC	0.26	0.01	0.10	0.56	0.01	0.19	0.01	0.06	0.97	15.29	99.35	0.11										
3203269	Drill Core	0.33	0.01	0.15	0.51	0.01	0.18	0.01	0.08	0.19	18.33	98.12	0.06	2.03	25.74	2.00	<0.02	<0.08	20.11	16.87	3.41		
REP 3203269	QC																						
3203282	Drill Core	0.22	0.02	0.07	0.27	<0.01	0.14	0.01	0.09	6.44	20.00	99.22	0.02	2.05	30.48	1.95	0.09	<0.08	22.00	25.41	3.60		
REP 3203282	QC																					3.57	
3203287	Drill Core	0.61	0.13	0.87	0.52	0.04	0.43	0.02	0.32	1.33	16.07	98.90	0.05	2.45	18.82	2.04	<0.02	1.44	14.93	11.65	3.26		
REP 3203287	QC																			1.48			
3203291	Drill Core	0.71	0.02	0.26	0.36	0.01	0.36	<0.01	0.06	0.22	12.50	99.90	0.05	5.05	11.46	4.96	0.05	0.15	8.15	9.92	2.91		
REP 3203291	QC														4.83	10.86							
3203301	Drill Core	0.54	0.56	0.22	0.37	<0.01	0.27	<0.01	0.06	0.50	16.06	99.36	0.03	7.07	3.31	5.23	0.19	6.06	2.76	1.65	3.02		
REP 3203301	QC																			0.22			
3203302	Drill Core	0.45	0.62	0.20	0.41	<0.01	0.24	0.01	0.06	0.68	16.91	100.21	0.03	7.24	3.43	6.20	0.48	2.08	2.52	2.71	3.02		
REP 3203302	QC	0.46	0.62	0.19	0.40	0.01	0.24	<0.01	0.06	0.69	16.91	100.12	0.03										
3203304	Drill Core	0.64	0.31	0.31	0.53	0.01	0.32	<0.01	0.05	2.07	15.42	99.95	0.04	5.66	9.43	4.42	0.04	4.39	7.46	5.89	3.12		
REP 3203304	QC																						
3203317	Drill Core	0.45	0.18	0.39	0.33	0.01	0.29	<0.01	0.41	7.47	17.06	99.76	0.02	3.13	19.81	2.48	0.03	2.30	15.36	13.33	3.35		
REP 3203317	QC																					3.35	
3203322	Drill Core	0.68	0.35	0.26	0.62	0.02	0.28	0.02	0.06	4.13	12.25	99.33	0.04	5.05	5.08	3.66	0.04	4.95	4.06	3.07	2.97		
REP 3203322	QC																			4.52			
3203326	Drill Core	0.38	0.12	0.19	0.38	<0.01	0.16	0.02	0.15	7.91	12.81	99.43	0.02	2.67	14.82	2.25	0.03	1.41	11.24	10.73	3.22		
REP 3203326	QC														2.69	15.10							
3203332	Drill Core	0.22	0.96	0.39	0.28	0.01	0.08	<0.01	0.08	0.48	20.21	99.85	0.03	7.53	2.24	3.63	0.15	13.78	1.67	1.73	3.28		
REP 3203332	QC	0.21	0.96	0.39	0.28	0.01	0.08	<0.01	0.08	0.48	20.21	99.86	0.03										
3203335	Drill Core	0.18	1.20	0.64	0.31	0.02	0.08	<0.01	0.12	2.02	21.68	99.21	0.05	6.86	2.89	1.78	<0.02	18.55	2.25	1.91	3.41		



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QUALITY CONTROL REPORT

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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
REP 3203335	QC																				
Core Reject Duplicates																					
3203207	Drill Core	4.47	26.0	42.6	213.4	1304	2.0	91.3	6.0	202	2.71	115	10.2	<0.5	469	10.0	38.5	<0.5	263	0.13	0.097
DUP 3203207	QC		26.3	44.0	224.7	1089	2.0	90.5	6.1	212	2.57	115	10.5	<0.5	481	8.6	38.8	<0.5	276	0.13	0.100
3203241	Drill Core	1.14	8.5	32.2	179.8	1468	1.3	46.6	4.3	53	1.63	65	20.2	<0.5	235	31.1	20.9	<0.5	99	0.15	0.137
DUP 3203241	QC		8.3	35.5	169.7	1504	1.3	45.8	4.2	50	1.63	67	19.3	<0.5	228	28.9	20.7	<0.5	98	0.16	0.135
3203275	Drill Core	3.85	2.5	60.2	287.2	2419	2.9	155.6	15.3	257	10.56	259	3.3	<0.5	402	16.2	52.6	<0.5	42	0.39	0.195
DUP 3203275	QC		2.7	59.1	279.1	2298	3.0	151.4	15.4	289	10.29	252	3.3	<0.5	410	15.2	52.0	<0.5	40	0.39	0.193
3203309	Drill Core	5.44	0.9	200.8	2137.0	144482	15.3	39.6	6.9	2632	20.26	264	1.0	<0.5	75	784.7	84.8	<0.5	39	0.14	0.037
DUP 3203309	QC		0.9	196.6	2164.9	147703	15.5	39.2	6.9	2618	20.41	268	1.0	<0.5	74	790.0	84.6	<0.5	39	0.13	0.035
Reference Materials																					
STD AMIS0330	Standard																				
STD AMIS0349	Standard																				
STD AMIS0342	Standard																				
STD AMIS0330	Standard																				
STD AMIS0330	Standard																				
STD AMIS0342	Standard																				
STD AMIS0330	Standard																				
STD AMIS0349	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD GGC-09	Standard																				
STD GGC-09	Standard																				



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QUALITY CONTROL REPORT

WHI20000610.1

		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
REP 3203335	QC																				
Core Reject Duplicates																					
3203207	Drill Core	1.6	22.2	0.03	624	0.002	0.34	<0.01	0.05	<0.5	1.32	0.9	0.6	2.55	<5	4	82.26	2.29	3.95	0.20	0.09
DUP 3203207	QC	1.8	23.8	0.03	640	0.002	0.34	<0.01	0.05	<0.5	1.26	1.1	0.6	2.36	<5	4	82.15	2.36	3.77	0.19	0.07
3203241	Drill Core	1.2	27.3	<0.01	349	0.001	0.43	<0.01	0.03	0.5	1.39	1.5	<0.5	1.32	<5	2	89.19	2.85	2.26	0.22	0.05
DUP 3203241	QC	1.2	27.2	<0.01	331	0.001	0.43	<0.01	0.03	<0.5	1.37	1.9	<0.5	1.34	<5	2	88.60	2.82	2.29	0.22	0.04
3203275	Drill Core	1.5	16.1	0.04	475	0.001	0.32	<0.01	0.07	<0.5	2.71	1.0	1.4	11.07	<5	<2	64.23	4.55	15.41	0.57	0.11
DUP 3203275	QC	1.5	16.7	0.05	484	0.001	0.30	<0.01	0.07	<0.5	2.52	0.9	1.4	10.64	<5	<2	64.76	4.55	14.94	0.57	0.12
3203309	Drill Core	<0.5	10.3	0.28	147	<0.001	0.09	<0.01	0.02	<0.5	132.25	2.7	3.3	20.49	15	5	31.02	0.89	29.00	0.19	0.56
DUP 3203309	QC	<0.5	10.5	0.28	148	<0.001	0.10	<0.01	0.02	<0.5	139.21	2.6	3.5	20.94	15	4	30.11	0.88	29.19	0.19	0.55
Reference Materials																					
STD AMIS0330	Standard																				
STD AMIS0349	Standard																				
STD AMIS0342	Standard																				
STD AMIS0330	Standard																				
STD AMIS0330	Standard																				
STD AMIS0342	Standard																				
STD AMIS0330	Standard																				
STD AMIS0349	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD GGC-09	Standard																				
STD GGC-09	Standard																				



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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 %	SPG04 Density g/cm3
		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	0.01
REP 3203335	QC	2.21																			
Core Reject Duplicates																					
3203207	Drill Core	0.28	0.03	0.14	0.50	<0.01	0.25	<0.01	0.02	0.13	8.71	98.92	0.19	6.56	2.62	5.67	0.84	0.19	1.87	2.24	2.68
DUP 3203207	QC	0.30	0.03	0.14	0.50	<0.01	0.25	<0.01	0.01	0.11	8.89	98.83	0.19	6.81	2.46	5.55	1.22	0.17	1.69	2.31	2.68
3203241	Drill Core	0.31	0.01	0.08	0.34	<0.01	0.22	<0.01	<0.01	0.14	4.26	99.99	0.07	2.79	1.46	2.59	0.19	<0.08	0.95	1.54	2.71
DUP 3203241	QC	0.28	0.01	0.08	0.35	<0.01	0.22	<0.01	0.01	0.14	4.12	99.27	0.07	2.76	1.48	2.56	0.20	<0.08	1.01	1.41	2.68
3203275	Drill Core	0.69	0.04	0.30	0.48	0.01	0.38	<0.01	0.04	0.24	12.12	99.35	0.04	3.93	12.00	3.73	0.08	0.43	9.35	7.95	2.98
DUP 3203275	QC	0.67	0.04	0.31	0.46	0.01	0.39	<0.01	0.02	0.23	11.78	99.02	0.04	3.89	11.28	3.67	0.09	0.46	9.52	5.26	2.96
3203309	Drill Core	0.14	0.33	0.06	0.11	<0.01	0.07	0.01	0.22	14.50	18.96	99.80	0.01	2.84	22.72	1.44	<0.02	5.06	16.63	18.25	3.60
DUP 3203309	QC	0.14	0.33	0.04	0.11	<0.01	0.07	0.02	0.23	15.00	19.17	99.88	<0.01	2.77	22.54	1.39	<0.02	5.01	17.19	16.03	3.66
Reference Materials																					
STD AMIS0330	Standard	3.24																			
STD AMIS0349	Standard	2.80																			
STD AMIS0342	Standard	2.66																			
STD AMIS0330	Standard	3.24																			
STD AMIS0330	Standard	3.18																			
STD AMIS0342	Standard	2.67																			
STD AMIS0330	Standard	3.18																			
STD AMIS0349	Standard	2.82																			
STD COO2	Standard	3.58																			
STD COO2	Standard	3.67																			
STD COO2	Standard	3.50																			
STD COO2	Standard	3.47																			
STD COO2	Standard	3.50																			
STD COO2	Standard	3.69																			
STD COO2	Standard	3.44																			
STD COO2	Standard	3.35																			
STD GGC-09	Standard	2.31																			
STD GGC-09	Standard	2.30																			



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QUALITY CONTROL REPORT

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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 GGC-09	Standard																			
STD GGC-09	Standard																			
STD GGC-09	Standard																			
STD GGC-10	Standard																			
STD GGC-10	Standard																			
STD GGC-10	Standard																			
STD GGC-10	Standard																			
STD GGC-10	Standard																			
STD GS311-1	Standard																			
STD GS311-1	Standard																			
STD GS311-1	Standard																			
STD GS311-1	Standard																			
STD 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 GS910-4	Standard																			
STD OREAS135	Standard		8.1	291.9	17424.4	27235	55.8	34.3	30.4	3997	9.10	944	10.1	11.7	27	75.6	40.8	5.5	36	1.86
STD OREAS135	Standard		7.8	291.9	16420.0	27460	55.8	35.3	29.0	3941	8.85	937	9.2	10.9	25	72.9	37.4	5.1	35	1.81
STD OREAS133B(D)	Standard																			
STD OREAS133B(D)	Standard																			
STD OREAS133B(D)	Standard																			
STD OREAS133B(D)	Standard																			
STD OREAS133B(D)	Standard																			
STD OREAS605	Standard		4.7	46205.8	854.7	2175	953.7	1522.6	94.6	86	3.67	1661	1.0	2.8	52	16.0	316.6	21.7	<10	0.18
STD OREAS605	Standard		4.9	52976.1	862.0	2240	970.7	1574.4	101.1	84	3.78	1706	1.0	2.7	54	16.2	307.8	20.6	<10	0.18



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		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF725	LF725	LF725	LF725	LF725	
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	SiO2	Al2O3	Fe2O3	CaO	MgO
		ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	%	%
		0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01	0.01	0.01	0.01	0.01
STD GGC-09	Standard																				
STD GGC-09	Standard																				
STD GGC-09	Standard																				
STD GGC-10	Standard																				
STD GGC-10	Standard																				
STD GGC-10	Standard																				
STD GGC-10	Standard																				
STD GGC-10	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD 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 GS910-4	Standard																				
STD OREAS135	Standard	42.5	21.9	0.85	435	0.028	1.16	0.02	0.53	2.7	1.28	3.5	6.7	7.38	8	<2					
STD OREAS135	Standard	41.5	22.5	0.83	435	0.028	1.10	0.02	0.48	2.7	1.06	3.5	6.4	6.70	7	<2					
STD OREAS133B(D)	Standard																33.58	6.88	11.57	5.30	3.78
STD OREAS133B(D)	Standard																33.75	6.91	11.59	5.27	3.79
STD OREAS133B(D)	Standard																33.62	6.85	11.55	5.28	3.80
STD OREAS133B(D)	Standard																33.65	6.88	11.55	5.30	3.80
STD OREAS133B(D)	Standard																33.67	6.87	11.56	5.30	3.80
STD OREAS605	Standard	7.6	29.0	0.03	181	0.010	0.69	0.03	0.13	7.8	1.97	0.9	16.4	7.60	7	79					
STD OREAS605	Standard	8.3	28.2	0.03	198	0.012	0.75	0.03	0.14	6.8	1.64	1.1	16.6	7.70	7	80					



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		LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC000	TC000	TC005	TC005	TC006	TC010	TC010	SPG04		
		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	Density	
		%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g/cm3	
		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	0.01	
STD GGC-09	Standard																2.31					
STD GGC-09	Standard																2.25					
STD GGC-09	Standard																2.36					
STD GGC-10	Standard																4.77					
STD GGC-10	Standard																4.87					
STD GGC-10	Standard																4.89					
STD GGC-10	Standard																4.84					
STD GGC-10	Standard																4.84					
STD GS311-1	Standard													0.96	2.38							
STD GS311-1	Standard													0.96	2.48							
STD GS311-1	Standard													0.97	2.33							
STD GS311-1	Standard													0.97	2.24							
STD GS314-1	Standard													1.30	28.16							
STD GS314-1	Standard													1.28	27.97							
STD GS314-1	Standard													1.29	29.66							
STD GS314-1	Standard													1.29	28.94							
STD GS910-4	Standard													2.64	8.10							
STD GS910-4	Standard													2.60	8.39							
STD GS910-4	Standard													2.66	8.35							
STD GS910-4	Standard													2.61	8.36							
STD OREAS135	Standard																					
STD OREAS135	Standard																					
STD OREAS133B(D)	Standard	3.47	0.16	0.23	0.10	<0.01	0.07	0.03	5.08	11.36	13.03	98.04	0.01									
STD OREAS133B(D)	Standard	3.44	0.16	0.23	0.09	<0.01	0.09	0.03	5.06	11.40	13.03	98.10	<0.01									
STD OREAS133B(D)	Standard	3.45	0.15	0.20	0.10	<0.01	0.07	0.03	5.07	11.38	13.03	97.93	<0.01									
STD OREAS133B(D)	Standard	3.46	0.16	0.22	0.10	<0.01	0.07	0.03	5.08	11.39	13.03	98.09	<0.01									
STD OREAS133B(D)	Standard	3.48	0.16	0.22	0.10	<0.01	0.08	0.03	5.08	11.39	13.03	98.22	<0.01									
STD OREAS605	Standard																					
STD OREAS605	Standard																					



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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 OREAS605	Standard		4.6	49684.4	824.5	2095	>1000	1503.5	98.3	80	3.57	1707	1.0	2.8	51	15.5	291.7	20.5	<10	0.17	0.010
STD OREAS605	Standard		5.0	52192.7	880.9	2232	989.0	1563.8	97.9	84	3.70	1723	1.1	2.8	51	13.0	310.9	21.0	<10	0.18	0.010
STD OREAS72B	Standard																				
STD OREAS72B	Standard																				
STD OREAS72B	Standard																				
STD OREAS72B	Standard																				
STD OREAS72B	Standard																				
STD OREAS927-AR	Standard		1.1	10744.6	232.6	737	5.3	28.6	29.2	1050	8.17	11	1.9	13.0	14	1.1	1.4	76.3	34	0.30	0.056
STD OREAS927-AR	Standard		1.1	11108.8	210.0	751	4.2	29.5	31.2	1096	8.26	14	1.8	11.8	14	1.2	1.5	70.0	35	0.31	0.052
STD RTS-3A	Standard																				
STD RTS-3A	Standard																				
STD RTS-3A	Standard																				
STD RTS-3A	Standard																				
STD RTS-3A	Standard																				
STD SY-4(D)	Standard																				
STD SY-4(D)	Standard																				
STD SY-4(D)	Standard																				
STD SY-4(D)	Standard																				
STD SY-4(D)	Standard																				
STD GS311-1 Expected																					
STD GS910-4 Expected																					
STD GS314-1 Expected																					
STD OREAS135 Expected			8.25	294	17000	28000	55.2	36	29.6	3960	8.97	937	9.4	10.4	26.5	67	38	5.1	33.4	1.83	0.086
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	0.0105
STD OREAS927-AR Expected			1.06	10715	203	726	4.9	30.9	29.4	1110	8.15	13.5	1.7	12.5	13.1	1.1	1.3	66	34	0.3	0.054
STD AMIS0342 Expected																					
STD AMIS0330 Expected																					
STD AMIS0349 Expected																					
STD GGC-10 Expected																					



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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 OREAS605	Standard	8.3	27.8	0.03	188	0.010	0.73	0.03	0.14	6.5	1.77	1.0	15.4	7.67	6	75					
STD OREAS605	Standard	8.3	30.3	0.03	155	0.011	0.76	0.03	0.14	7.3	1.74	0.8	16.7	8.08	7	84					
STD OREAS72B	Standard																51.03	9.05	9.89	3.97	16.09
STD OREAS72B	Standard																51.19	8.97	9.88	3.98	16.02
STD OREAS72B	Standard																51.15	8.97	9.85	3.99	16.06
STD OREAS72B	Standard																51.18	8.94	9.90	3.98	16.06
STD OREAS72B	Standard																51.18	8.98	9.89	3.98	16.07
STD OREAS927-AR	Standard	29.5	40.7	1.94	52	0.082	3.28	<0.01	0.24	5.7	0.14	3.6	<0.5	1.76	10	16					
STD OREAS927-AR	Standard	28.6	42.0	1.93	48	0.086	3.26	<0.01	0.25	5.7	0.12	4.0	<0.5	1.87	9	17					
STD RTS-3A	Standard																				
STD RTS-3A	Standard																				
STD RTS-3A	Standard																				
STD RTS-3A	Standard																				
STD RTS-3A	Standard																				
STD SY-4(D)	Standard																49.97	20.93	6.20	8.00	0.53
STD SY-4(D)	Standard																49.88	20.79	6.21	7.97	0.53
STD SY-4(D)	Standard																49.95	20.83	6.21	7.98	0.54
STD SY-4(D)	Standard																49.94	20.90	6.20	8.01	0.53
STD SY-4(D)	Standard																50.12	20.86	6.19	7.98	0.53
STD GS311-1 Expected																					
STD GS910-4 Expected																					
STD GS314-1 Expected																					
STD OREAS135 Expected		39.8	22	0.833	366	0.026	1.09	0.017	0.487	2.93	1.21	3.51	6.27	7.08	4.8						
STD 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 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 AMIS0342 Expected																					
STD AMIS0330 Expected																					
STD AMIS0349 Expected																					
STD GGC-10 Expected																					



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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 %	SPG04 Density g/cm3	
		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	0.01	
STD OREAS605	Standard																					
STD OREAS605	Standard																					
STD OREAS72B	Standard	1.31	0.13	0.35	0.05	0.14	0.03	0.02	<0.01	0.01	4.97	98.38	0.02									
STD OREAS72B	Standard	1.34	0.13	0.35	0.06	0.14	0.03	0.02	<0.01	<0.01	5.22	98.61	0.01									
STD OREAS72B	Standard	1.33	0.13	0.36	0.06	0.14	0.03	0.02	<0.01	0.01	5.12	98.53	0.01									
STD OREAS72B	Standard	1.33	0.14	0.35	0.06	0.14	0.03	0.02	<0.01	<0.01	5.08	98.51	0.01									
STD OREAS72B	Standard	1.34	0.13	0.35	0.06	0.14	0.03	0.02	<0.01	<0.01	4.97	98.47	0.01									
STD OREAS927-AR	Standard																					
STD OREAS927-AR	Standard																					
STD RTS-3A	Standard																			6.74		
STD RTS-3A	Standard																			6.68		
STD RTS-3A	Standard																			6.74		
STD RTS-3A	Standard																			6.77		
STD RTS-3A	Standard																			6.55		
STD SY-4(D)	Standard	1.66	0.12	0.30	0.14	<0.01	0.04	<0.01	0.01	0.01	4.56	99.56	<0.01									
STD SY-4(D)	Standard	1.66	0.11	0.30	0.14	<0.01	0.04	<0.01	0.01	0.01	4.56	99.55	<0.01									
STD SY-4(D)	Standard	1.66	0.11	0.30	0.14	<0.01	0.04	<0.01	<0.01	0.01	4.56	99.49	<0.01									
STD SY-4(D)	Standard	1.67	0.11	0.30	0.14	<0.01	0.04	<0.01	0.01	0.01	4.56	99.59	<0.01									
STD SY-4(D)	Standard	1.66	0.11	0.30	0.14	<0.01	0.04	<0.01	0.01	0.01	4.56	99.61	<0.01									
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 OREAS135 Expected																						
STD OREAS605 Expected																						
STD OREAS927-AR Expected																						
STD AMIS0342 Expected																						
STD AMIS0330 Expected																						
STD AMIS0349 Expected																						
STD GGC-10 Expected																		4.79				



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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 GGC-09 Expected																				
STD SY-4(D) Expected																				
STD OREAS72B Expected																				
STD OREAS133B(D) Expected																				
STD COO2 Expected																				
STD RTS-3A Expected																				
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank		<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01
BLK	Blank		<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	<0.5	<5	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01
BLK	Blank		<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01
BLK	Blank																			
SI BLK	Blank																			
SI BLK	Blank																			
SI BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
SI BLK	Blank																			
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SI BLK	Blank																			
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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	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-09 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 COO2 Expected																					
STD RTS-3A Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.5	<0.5	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	0.08	<0.5	<0.5	<0.05	<5	<2					
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	<0.05	<0.5	<0.5	<0.05	<5	<2					
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	99.35 0.32 0.03 <0.01 0.02																			
SI BLK	Blank	98.78 0.30 0.01 0.01 0.02																			
SI BLK	Blank	99.32 0.31 0.01 0.01 0.03																			
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
SI BLK	Blank	98.66 0.30 0.02 0.01 0.02																			
BLK	Blank																				
BLK	Blank																				
SI BLK	Blank	98.54 0.29 0.03 <0.01 <0.01																			
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 %	SPG04 Density g/cm3			
		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	0.01			
STD GGC-09 Expected		2.41																						
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 COO2 Expected																			3.43					
STD RTS-3A Expected																					7			
BLK	Blank																<0.02							
BLK	Blank														<0.02	<0.02								
BLK	Blank														<0.02	<0.02								
BLK	Blank																<0.02							
BLK	Blank																<0.02							
BLK	Blank																							
BLK	Blank														<0.02	<0.02								
BLK	Blank														<0.02	<0.02								
BLK	Blank																							
BLK	Blank																<0.02							
SI BLK	Blank	<0.01	<0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.00	99.70	<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	99.13	<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	99.68	<0.01											
BLK	Blank																<0.02							
BLK	Blank																		<0.02					
BLK	Blank																		<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	99.02	<0.01											
BLK	Blank																<0.08							
BLK	Blank																<0.08							
SI BLK	Blank	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.00	98.87	<0.01											
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
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
Prep Wash																				
ROCK-WHI	Prep Blank		0.9	4.3	6.4	42	<0.5	1.7	4.2	556	2.02	17	<0.5	1.9	22	0.5	<0.5	<0.5	27	0.69
ROCK-WHI	Prep Blank		1.3	3.3	10.8	52	<0.5	1.7	3.9	467	1.92	<5	0.5	2.8	27	0.8	<0.5	<0.5	26	0.70



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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	6.7	2.8	0.54	52	0.095	0.93	0.07	0.08	<0.5	<0.05	2.7	<0.5	<0.05	<5	<2	70.56	14.31	3.43	2.27	1.08
ROCK-WHI	Prep Blank	7.6	2.8	0.48	67	0.099	0.87	0.06	0.08	<0.5	<0.05	3.2	<0.5	<0.05	<5	<2	70.87	14.01	3.12	2.35	0.90



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		LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC000	TC000	TC005	TC005	TC006	TC010	TC010	SPG04
		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
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
Prep Wash																				
ROCK-WHI	Prep Blank	1.79	0.10	0.38	0.09	<0.01	0.07	<0.01	<0.01	<0.01	0.91	99.90	<0.01	0.11	<0.02	<0.02	<0.02	0.33	0.02	<0.15
ROCK-WHI	Prep Blank	2.03	0.09	0.36	0.09	<0.01	0.09	<0.01	<0.01	<0.01	0.93	99.41	<0.01	0.11	0.03	0.03	<0.02	0.29	0.03	<0.15