



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 05, 2020
Analysis Start: January 08, 2021
Report Date: January 23, 2021
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CERTIFICATE OF ANALYSIS

WHI20000517.1

CLIENT JOB INFORMATION

Project: MacMillan Pass
Shipment ID: FWZ20-BV-011
P.O. Number
Number of Samples: 100

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	98	Crush, split and pulverize 500g rock to 200 mesh			WHI
SLBHP	2	Sort, label and box pulps			WHI
CRUBW	98	Extra clean rock wash between samples in crusher			WHI
PULSW	98	Extra Wash with Silica between each sample			VAN
AQ270	100	1:1:1 Aqua Regia digestion ICP-ES/ICP-MS analysis	1	Completed	VAN
LF725	100	Li2B4O7/LiBO2 fusion, analysis by XRF		Completed	VAN
SHP01	100	Per sample shipping charges for branch shipments			VAN
TC000	100	Total C/S Analysis by Leco	0.1	Completed	VAN
TC007	100	Graphite and Organic C by Leco After Ignition	0.1	Completed	VAN
TC006	100	Inorganic Carbon	0.2	Completed	VAN
TC010	100	Analysis by Leco after sodium carbonate leach	0.1	Completed	VAN
SPG04	100	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.



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MacMillan Pass

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CERTIFICATE OF ANALYSIS

WHI20000517.1

	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	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01
3202649	Drill Core	7.82	1.9	10.2	19.7	88	<0.5	21.4	4.0	2936	10.31	15	0.6	1.4	33	<0.5	6.4	<0.5	31	0.32	0.026			
3202650	Drill Core	8.13	3.8	35.1	50.9	262	1.2	28.2	2.8	6429	23.00	31	1.4	<0.5	10	0.8	31.8	<0.5	52	0.14	0.015			
3202651	Drill Core	7.48	2.3	59.1	49.6	171	0.5	20.8	2.7	7515	23.29	32	1.2	<0.5	11	<0.5	24.2	<0.5	53	0.19	0.017			
3202652	Drill Core	8.56	1.9	117.2	74.8	224	1.0	22.2	3.1	5971	19.33	48	3.8	<0.5	11	0.7	32.5	<0.5	59	0.15	0.018			
3202653	Drill Core	9.03	1.5	91.0	127.0	108	1.4	32.8	5.3	4955	20.55	82	1.9	0.5	19	<0.5	35.6	<0.5	54	0.16	0.026			
3202654	Drill Core	9.47	0.6	12.4	21.6	34	<0.5	17.7	2.3	7602	19.65	24	<0.5	<0.5	11	<0.5	10.0	<0.5	41	0.21	0.016			
3202655	Drill Core	8.96	<0.5	13.8	24.3	29	<0.5	21.1	3.7	7009	18.36	47	<0.5	<0.5	11	<0.5	12.5	<0.5	39	0.20	0.018			
3202656	Drill Core	10.26	0.7	22.7	52.0	36	0.6	33.1	4.8	4383	14.64	99	<0.5	<0.5	20	<0.5	22.3	<0.5	32	0.19	0.037			
3202657	Drill Core	7.17	0.8	33.7	82.6	57	0.9	42.0	5.4	939	8.09	98	<0.5	<0.5	23	0.6	30.3	<0.5	18	0.09	0.033			
3202658	Drill Core	2.69	1.0	22.9	78.0	3123	0.9	22.6	7.8	91	2.17	56	<0.5	<0.5	10	16.4	16.3	<0.5	<10	0.03	0.011			
3202659	Drill Core	8.90	0.9	153.1	880.4	38957	10.5	70.1	22.3	193	18.77	215	<0.5	<0.5	15	282.1	102.5	<0.5	15	0.03	0.014			
3202660	Rock Pulp	0.05	3.7	462.6	35211.8	47856	56.3	16.9	43.1	2204	7.47	146	1.5	6.3	24	161.5	43.6	<0.5	<10	4.89	0.054			
3202661	Drill Core	2.62	0.9	45.2	370.3	2727	2.7	47.0	15.2	355	8.88	127	<0.5	<0.5	21	19.0	41.9	<0.5	13	0.06	0.024			
3202662	Drill Core	2.41	0.9	31.5	194.5	651	1.6	46.8	11.7	363	6.46	114	<0.5	<0.5	22	5.0	29.7	<0.5	11	0.06	0.025			
3202663	Drill Core	5.70	1.0	34.0	88.3	407	1.3	30.7	5.7	1280	5.50	107	<0.5	<0.5	28	3.2	28.9	<0.5	27	0.09	0.026			
3202664	Drill Core	8.22	1.0	61.1	59.7	593	2.5	32.6	4.7	3899	11.69	87	<0.5	<0.5	26	2.7	52.8	<0.5	36	0.17	0.035			
3202665	Drill Core	6.93	1.1	18.9	55.8	122	0.9	23.3	4.4	1147	4.62	38	0.6	<0.5	21	1.0	24.2	<0.5	28	0.08	0.026			
3202666	Drill Core	3.13	1.1	21.7	123.5	384	1.1	29.7	5.6	1378	6.78	71	0.5	<0.5	24	3.4	26.8	<0.5	28	0.09	0.030			
3202667	Drill Core	7.39	1.4	22.1	88.6	623	1.1	36.3	5.7	2609	10.42	83	0.6	<0.5	31	3.9	31.1	<0.5	46	0.17	0.055			
3202668	Drill Core	5.21	49.7	1312.4	123.0	205	630.5	26.4	3.5	921	3.48	43	0.8	<0.5	20	1.8	25.8	<0.5	21	0.05	0.021			
3202669	Drill Core	4.73	2.5	27.9	244.4	651	1.8	13.6	2.9	1065	4.55	35	5.6	1.3	58	4.9	31.4	<0.5	44	0.05	0.033			
3202670	Drill Core	5.58	0.9	15.0	41.6	699	1.0	31.6	4.9	487	2.89	57	<0.5	<0.5	30	2.9	20.8	<0.5	20	0.12	0.052			
3202671	Drill Core	8.69	0.8	11.3	36.2	660	0.7	30.4	4.8	854	3.56	37	<0.5	<0.5	26	2.6	18.7	<0.5	26	0.17	0.070			
3202672	Drill Core	4.64	0.7	10.5	33.2	111	0.6	30.6	5.0	1312	4.97	29	<0.5	<0.5	19	<0.5	16.4	<0.5	24	0.13	0.051			
3202673	Drill Core	8.40	0.9	13.0	34.9	425	0.7	30.7	5.8	328	2.30	39	<0.5	<0.5	25	1.8	19.3	<0.5	18	0.17	0.067			
3202674	Drill Core	8.99	1.1	18.3	34.6	1853	0.8	26.6	5.1	182	1.64	39	<0.5	<0.5	32	8.3	18.5	<0.5	14	0.16	0.073			
3202675	Drill Core	7.65	1.2	17.5	39.8	168	0.8	31.7	5.6	312	2.16	45	<0.5	<0.5	33	0.7	19.9	<0.5	16	0.14	0.065			
3202676	Drill Core	8.31	1.0	18.3	44.2	465	0.9	39.5	6.7	55	1.41	61	<0.5	<0.5	27	1.6	23.0	<0.5	11	0.17	0.075			
3202677	Drill Core	8.53	2.0	43.8	121.4	2942	1.7	68.8	15.5	65	4.58	157	<0.5	<0.5	26	11.5	57.6	<0.5	12	0.16	0.073			
3202678	Drill Core	8.62	1.0	22.2	48.4	2006	0.9	35.8	5.0	80	1.57	71	<0.5	<0.5	28	7.5	22.2	<0.5	11	0.17	0.077			



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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
3202649	Drill Core	3.1	32.3	0.44	133	0.020	0.41	<0.01	0.07	<0.5	0.06	3.4	<0.5	0.27	<5	<2	71.99	2.68	14.69	0.50	0.80
3202650	Drill Core	0.6	17.8	0.53	94	0.001	0.32	<0.01	0.03	<0.5	0.29	4.1	<0.5	0.24	<5	4	49.16	1.51	33.96	0.21	0.92
3202651	Drill Core	<0.5	17.4	0.67	67	<0.001	0.23	<0.01	0.03	<0.5	0.15	4.0	<0.5	0.28	<5	3	45.23	1.52	34.54	0.27	1.17
3202652	Drill Core	<0.5	19.2	0.54	82	0.002	0.25	<0.01	0.03	1.9	0.23	3.7	<0.5	0.85	<5	3	53.71	1.85	28.26	0.23	0.96
3202653	Drill Core	0.8	18.6	0.49	79	<0.001	0.41	<0.01	0.05	<0.5	0.37	4.7	<0.5	7.26	<5	4	49.59	2.60	30.27	0.24	0.82
3202654	Drill Core	<0.5	16.7	0.68	47	<0.001	0.27	<0.01	0.03	<0.5	0.09	3.7	<0.5	0.77	<5	<2	51.34	1.53	29.21	0.30	1.13
3202655	Drill Core	<0.5	15.3	0.61	46	<0.001	0.30	<0.01	0.03	<0.5	0.09	3.6	<0.5	0.84	<5	<2	54.52	1.47	27.00	0.30	1.06
3202656	Drill Core	<0.5	15.1	0.46	56	<0.001	0.22	<0.01	0.04	<0.5	0.23	3.0	<0.5	2.94	<5	<2	63.46	1.72	21.12	0.27	0.75
3202657	Drill Core	<0.5	11.7	0.10	88	<0.001	0.17	<0.01	0.06	<0.5	0.39	1.7	1.0	5.91	<5	<2	78.11	2.59	11.56	0.14	0.19
3202658	Drill Core	<0.5	11.9	0.02	60	<0.001	0.14	<0.01	0.04	0.9	2.70	<0.5	<0.5	1.81	<5	<2	90.29	1.90	3.06	0.04	0.06
3202659	Drill Core	<0.5	11.0	0.07	44	<0.001	0.24	<0.01	0.02	0.6	35.48	<0.5	1.0	22.06	<5	3	50.17	1.45	26.91	0.06	0.14
3202660	Rock Pulp	20.5	15.0	2.71	223	0.016	0.96	0.01	0.62	0.5	1.29	3.0	42.7	7.80	<5	<2	38.02	7.67	10.91	6.85	4.86
3202661	Drill Core	<0.5	10.6	0.07	90	<0.001	0.20	<0.01	0.04	<0.5	3.73	0.8	0.8	8.21	<5	2	77.36	1.99	12.66	0.09	0.14
3202662	Drill Core	<0.5	10.2	0.07	74	<0.001	0.17	<0.01	0.04	0.7	1.26	0.8	0.6	5.24	<5	<2	82.67	1.86	9.01	0.10	0.14
3202663	Drill Core	<0.5	13.5	0.17	78	<0.001	0.25	<0.01	0.04	<0.5	0.63	1.4	<0.5	1.54	<5	<2	83.51	2.24	8.06	0.14	0.28
3202664	Drill Core	<0.5	12.2	0.39	58	<0.001	0.20	<0.01	0.03	<0.5	0.89	3.0	<0.5	1.54	<5	<2	69.95	1.72	16.48	0.24	0.62
3202665	Drill Core	<0.5	11.2	0.17	76	<0.001	0.20	<0.01	0.04	<0.5	0.38	1.3	<0.5	0.49	<5	<2	86.06	1.85	6.63	0.12	0.30
3202666	Drill Core	<0.5	10.1	0.15	88	<0.001	0.16	<0.01	0.04	<0.5	1.06	2.0	<0.5	2.74	<5	<2	81.74	1.80	9.38	0.13	0.25
3202667	Drill Core	<0.5	15.1	0.28	81	<0.001	0.24	<0.01	0.04	0.6	0.75	3.9	<0.5	2.98	<5	2	73.59	2.01	14.66	0.24	0.43
3202668	Drill Core	<0.5	7.9	0.08	142	<0.001	0.12	<0.01	0.05	447.9	1.32	2.2	<0.5	0.36	<5	2	88.37	1.83	5.10	0.07	0.13
3202669	Drill Core	1.4	16.4	0.10	213	<0.001	0.24	<0.01	0.10	0.9	3.20	5.2	0.6	0.46	<5	8	81.47	5.45	6.69	0.07	0.24
3202670	Drill Core	<0.5	8.6	0.08	75	<0.001	0.21	<0.01	0.04	<0.5	0.85	1.4	<0.5	0.66	<5	2	89.56	2.31	4.12	0.20	0.15
3202671	Drill Core	<0.5	12.0	0.13	86	<0.001	0.27	<0.01	0.04	<0.5	0.75	1.5	<0.5	0.38	<5	<2	88.10	2.09	5.16	0.25	0.23
3202672	Drill Core	<0.5	11.7	0.20	67	<0.001	0.25	<0.01	0.04	0.6	0.21	1.6	<0.5	0.27	<5	<2	84.70	1.69	7.40	0.20	0.32
3202673	Drill Core	<0.5	9.8	0.08	87	<0.001	0.28	<0.01	0.04	<0.5	0.48	0.9	<0.5	0.42	<5	<2	91.02	2.13	3.29	0.26	0.15
3202674	Drill Core	<0.5	7.9	0.05	104	<0.001	0.25	<0.01	0.05	<0.5	1.62	0.8	<0.5	0.50	<5	<2	91.52	2.24	2.38	0.24	0.12
3202675	Drill Core	<0.5	11.1	0.08	111	<0.001	0.30	<0.01	0.05	<0.5	0.33	1.1	<0.5	0.43	<5	3	90.69	2.49	3.11	0.22	0.15
3202676	Drill Core	<0.5	8.1	0.04	101	<0.001	0.26	<0.01	0.05	<0.5	0.46	0.7	<0.5	0.70	<5	3	92.27	2.22	2.01	0.26	0.10
3202677	Drill Core	0.5	10.1	0.05	114	<0.001	0.29	<0.01	0.05	<0.5	2.47	1.1	<0.5	4.22	<5	4	84.75	2.34	6.54	0.23	0.12
3202678	Drill Core	<0.5	6.5	0.04	116	<0.001	0.21	<0.01	0.04	<0.5	1.66	<0.5	<0.5	1.01	<5	2	91.52	2.23	2.23	0.25	0.10



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					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
3202649	Drill Core	0.47	0.37	0.12	0.06	<0.01	0.05	<0.01	<0.01	<0.01	6.40	98.26	0.01	1.85	0.30	0.33	<0.02	5.52	0.11	0.57	2.88				
3202650	Drill Core	0.22	0.80	0.07	0.03	<0.01	0.03	<0.01	0.01	0.02	12.97	99.96	0.02	3.83	0.25	0.74	0.02	11.26	0.08	0.52	3.13				
3202651	Drill Core	0.21	0.94	0.06	0.04	<0.01	0.03	<0.01	<0.01	0.02	15.86	99.92	0.01	5.00	0.31	0.61	<0.02	16.09	0.07	0.72	3.25				
3202652	Drill Core	0.28	0.73	0.09	0.06	<0.01	0.05	<0.01	0.02	0.02	13.11	99.41	0.02	4.01	0.94	0.68	<0.02	12.21	0.50	1.33	3.10				
3202653	Drill Core	0.42	0.63	0.13	0.06	<0.01	0.06	<0.01	0.02	<0.01	14.87	99.75	0.02	3.43	7.44	0.79	<0.02	9.67	4.86	7.71	3.22				
3202654	Drill Core	0.23	0.96	0.06	0.04	<0.01	0.03	<0.01	<0.01	<0.01	14.77	99.64	0.01	4.79	0.86	0.69	<0.02	15.02	0.47	1.16	3.14				
3202655	Drill Core	0.23	0.87	0.06	0.03	<0.01	0.03	<0.01	<0.01	<0.01	13.66	99.25	<0.01	4.45	0.95	0.59	<0.02	14.14	0.47	1.45	3.11				
3202656	Drill Core	0.30	0.55	0.08	0.09	<0.01	0.04	<0.01	<0.01	<0.01	10.85	99.28	0.01	3.10	3.37	0.62	<0.02	9.07	1.86	4.53	3.02				
3202657	Drill Core	0.53	0.12	0.14	0.08	<0.01	0.08	<0.01	<0.01	<0.01	6.05	99.64	0.02	0.77	6.22	0.25	<0.02	1.83	4.26	5.87	2.89				
3202658	Drill Core	0.38	0.01	0.08	0.02	<0.01	0.07	<0.01	<0.01	0.30	1.74	98.06	0.01	0.34	1.99	0.27	0.03	0.13	1.27	2.15	2.75				
3202659	Drill Core	0.22	0.02	0.08	0.04	<0.01	0.04	0.01	0.10	3.99	14.60	98.86	0.01	0.32	22.55	0.19	<0.02	0.42	14.23	24.93	3.36				
3202660	Rock Pulp	3.56	0.28	0.24	0.12	<0.01	0.08	0.04	3.60	5.02	13.04	96.03	<0.01	3.20	8.06	0.38	<0.02	10.28	0.91	21.40	3.15				
3202661	Drill Core	0.38	0.05	0.11	0.06	<0.01	0.06	<0.01	0.03	0.27	6.53	99.86	0.01	0.57	8.58	0.34	0.03	0.72	6.10	7.41	2.92				
3202662	Drill Core	0.35	0.05	0.08	0.06	<0.01	0.07	<0.01	<0.01	0.06	4.62	99.11	0.01	0.55	5.46	0.28	0.03	0.88	3.99	4.40	2.86				
3202663	Drill Core	0.41	0.16	0.11	0.07	<0.01	0.07	<0.01	0.01	0.04	4.12	99.25	0.01	1.08	1.65	0.56	0.03	1.84	0.88	2.31	2.81				
3202664	Drill Core	0.29	0.48	0.07	0.09	<0.01	0.06	<0.01	<0.01	0.06	8.64	98.75	0.02	2.61	1.72	0.47	0.02	7.77	0.99	2.18	2.97				
3202665	Drill Core	0.32	0.14	0.07	0.06	<0.01	0.05	<0.01	<0.01	<0.01	3.35	98.98	0.02	1.10	0.57	0.31	0.04	2.72	0.24	0.98	2.82				
3202666	Drill Core	0.35	0.17	0.09	0.07	<0.01	0.07	<0.01	<0.01	0.04	4.92	99.03	0.02	1.18	3.09	0.43	0.02	2.65	2.00	3.24	2.86				
3202667	Drill Core	0.36	0.33	0.11	0.13	<0.01	0.07	<0.01	0.01	0.06	7.35	99.42	0.02	1.84	3.27	0.46	<0.02	5.01	2.23	3.11	2.96				
3202668	Drill Core	0.36	0.12	0.12	0.05	<0.01	0.08	0.08	0.01	0.02	2.51	98.90	0.01	0.74	0.41	0.27	<0.02	1.68	0.25	0.49	2.80				
3202669	Drill Core	1.08	0.14	0.32	0.09	<0.01	0.18	<0.01	0.03	0.07	4.06	99.99	0.04	1.23	0.53	0.61	0.05	2.10	0.30	0.67	2.80				
3202670	Drill Core	0.42	0.07	0.10	0.12	<0.01	0.08	<0.01	<0.01	0.07	2.04	99.30	0.01	0.54	0.71	0.22	<0.02	1.13	0.45	0.76	2.76				
3202671	Drill Core	0.36	0.11	0.09	0.16	<0.01	0.08	<0.01	<0.01	0.07	2.49	99.24	0.02	0.76	0.42	0.23	<0.02	1.87	0.22	0.60	2.77				
3202672	Drill Core	0.27	0.17	0.11	0.11	0.01	0.05	<0.01	<0.01	<0.01	3.56	98.65	0.02	1.17	0.29	0.28	0.02	3.17	0.15	0.43	2.79				
3202673	Drill Core	0.35	0.05	0.11	0.18	<0.01	0.08	<0.01	<0.01	0.04	1.55	99.25	0.01	0.53	0.48	0.30	<0.02	0.76	0.23	0.74	2.75				
3202674	Drill Core	0.39	0.03	0.11	0.17	<0.01	0.09	<0.01	<0.01	0.19	1.28	98.82	0.01	0.35	0.57	0.23	<0.02	0.38	0.31	0.76	2.74				
3202675	Drill Core	0.42	0.05	0.13	0.15	<0.01	0.08	<0.01	<0.01	0.01	1.59	99.12	0.02	0.47	0.48	0.25	0.03	0.72	0.25	0.69	2.74				
3202676	Drill Core	0.39	0.01	0.12	0.19	<0.01	0.08	<0.01	<0.01	0.04	1.19	98.94	0.01	0.29	0.78	0.25	0.03	<0.08	0.43	1.06	2.75				
3202677	Drill Core	0.38	0.02	0.13	0.17	<0.01	0.09	<0.01	0.01	0.28	3.41	98.60	0.02	0.36	4.64	0.32	0.02	<0.08	1.96	8.04	2.84				
3202678	Drill Core	0.41	0.02	0.09	0.18	<0.01	0.09	<0.01	<0.01	0.20	1.36	98.75	0.01	0.24	1.17	0.18	0.02	0.15	0.72	1.33	2.76				



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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
3202679	Drill Core	8.36	1.0	22.3	69.6	122	0.9	47.1	7.9	336	3.02	93	<0.5	<0.5	25	0.6	32.7	<0.5	14	0.20	0.089
3202680	Rock	1.11	1.0	56.0	2.2	41	<0.5	4.3	10.2	371	2.84	<5	0.8	2.8	92	<0.5	<0.5	<0.5	97	1.02	0.064
3202681	Drill Core	6.40	1.1	31.3	84.0	40	1.5	48.7	11.8	686	4.93	120	<0.5	<0.5	13	<0.5	42.6	<0.5	17	0.12	0.046
3202682	Drill Core	7.63	1.4	43.1	72.9	61	2.3	41.1	10.2	878	4.06	86	<0.5	<0.5	13	<0.5	49.3	<0.5	18	0.11	0.044
3202683	Drill Core	4.76	13.8	703.1	11125.1	37645	44.7	71.6	10.2	57	7.59	353	8.3	0.6	11	179.8	4957.3	<0.5	18	0.01	0.009
3202684	Drill Core	4.34	19.3	152.1	656.9	3569	4.6	101.5	13.4	77	4.27	217	20.5	1.1	12	20.0	253.1	<0.5	23	0.01	0.013
3202685	Drill Core	3.74	18.0	144.6	582.3	1252	6.2	101.5	16.6	69	5.38	292	26.5	1.5	18	9.5	219.7	<0.5	20	0.02	0.022
3202686	Drill Core	7.02	23.6	88.6	621.7	1582	4.6	125.4	14.0	57	6.42	274	16.8	1.1	20	12.3	180.9	<0.5	24	0.04	0.030
3202687	Drill Core	6.96	29.4	79.7	461.0	43	3.8	137.3	14.2	56	4.84	176	14.6	1.5	20	1.8	126.3	<0.5	31	0.03	0.023
3202688	Drill Core	3.30	27.3	70.2	403.8	62	3.2	130.4	14.4	43	4.17	125	25.4	1.7	19	4.2	112.8	<0.5	31	0.02	0.017
3202689	Drill Core	7.18	33.1	76.7	310.9	100	3.9	137.2	14.9	45	4.19	123	29.4	2.4	22	3.9	120.4	<0.5	38	0.02	0.018
3202690	Drill Core	6.48	23.5	67.4	897.9	363	3.2	47.7	4.6	54	2.52	125	14.3	0.6	10	12.9	108.1	<0.5	11	<0.01	0.008
3202691	Drill Core	7.90	19.0	46.5	601.2	10390	4.2	89.8	8.4	52	5.49	188	10.9	0.9	18	96.2	69.1	<0.5	23	0.01	0.013
3202692	Drill Core	8.08	25.4	54.5	296.3	40	1.5	124.7	13.9	30	4.00	77	15.5	1.7	25	8.5	61.1	<0.5	34	0.02	0.021
3202693	Drill Core	10.28	39.1	69.4	377.6	24	3.8	126.3	18.8	41	5.57	119	14.0	3.1	25	4.2	101.8	<0.5	22	0.01	0.007
3202694	Drill Core	9.01	21.8	65.6	250.6	34	4.1	95.7	15.0	41	3.77	82	8.3	2.3	20	5.9	73.3	<0.5	20	0.01	0.005
3202695	Drill Core	12.10	12.4	82.8	176.7	21	3.1	83.5	11.4	43	3.52	63	11.2	1.2	24	4.2	48.1	<0.5	27	0.01	0.016
3202696	Drill Core	6.49	12.8	92.9	190.4	22	3.7	87.5	14.4	45	3.42	56	8.4	1.0	54	2.7	44.8	<0.5	25	0.05	0.038
3202697	Drill Core	9.55	22.9	73.8	255.5	60	4.0	94.3	16.6	52	4.50	67	8.7	1.2	50	3.2	43.7	<0.5	22	0.02	0.018
3202698	Drill Core	6.35	12.9	76.3	90.1	481	1.0	70.7	8.4	40	4.81	57	5.3	1.0	20	6.4	13.8	<0.5	41	<0.01	0.004
3202699	Drill Core	9.18	25.2	64.9	93.9	218	0.8	99.3	7.5	39	2.56	37	6.9	1.0	55	2.6	11.8	<0.5	49	0.03	0.020
3202700	Rock	0.22	1.0	51.5	2.2	37	<0.5	4.5	10.9	427	3.12	<5	0.9	3.1	131	<0.5	<0.5	<0.5	105	1.38	0.061
3202701	Drill Core	5.13	40.9	66.4	79.7	610	0.8	127.4	8.9	34	2.69	35	7.8	0.8	20	8.8	14.9	<0.5	53	<0.01	0.003
3202702	Drill Core	6.37	30.9	63.4	73.8	456	0.8	104.7	7.8	38	2.48	35	6.5	0.9	30	6.1	12.9	<0.5	49	0.01	0.008
3202703	Drill Core	9.04	52.1	119.9	111.4	575	0.8	137.8	12.2	41	3.34	50	9.4	1.7	18	7.5	22.7	<0.5	49	<0.01	0.003
3202704	Drill Core	6.35	41.1	122.6	132.9	910	0.8	153.2	15.0	52	3.42	62	9.2	2.0	19	14.5	24.9	<0.5	39	0.01	0.004
3202705	Drill Core	5.04	41.4	82.0	74.2	1340	1.0	143.0	9.6	43	2.44	42	7.6	1.3	15	16.0	18.2	<0.5	75	<0.01	0.003
3202706	Drill Core	6.48	44.7	59.7	82.2	417	0.7	172.1	11.3	39	2.48	55	8.3	1.5	14	5.6	19.9	<0.5	59	<0.01	0.005
3202707	Drill Core	6.05	44.8	61.9	58.9	1024	0.8	149.2	10.0	33	2.10	51	7.4	1.3	14	11.0	13.1	<0.5	71	0.01	0.003
3202708	Drill Core	6.82	44.1	53.7	69.4	766	0.6	164.7	11.3	37	2.79	59	8.7	1.7	16	6.1	9.9	<0.5	48	0.01	0.004



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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
3202679	Drill Core	<0.5	8.6	0.08	122	<0.001	0.24	<0.01	0.05	<0.5	0.22	1.3	<0.5	1.64	<5	2	88.90	2.37	4.33	0.29	0.14
3202680	Rock	7.0	6.7	0.85	175	0.178	1.82	0.24	0.29	<0.5	<0.05	4.0	<0.5	<0.05	6	<2	60.18	16.87	6.26	6.22	2.91
3202681	Drill Core	<0.5	8.0	0.12	132	<0.001	0.17	<0.01	0.04	<0.5	0.19	1.2	<0.5	2.93	<5	3	85.01	1.93	7.19	0.17	0.21
3202682	Drill Core	<0.5	8.0	0.13	168	<0.001	0.16	<0.01	0.05	<0.5	0.15	1.6	<0.5	1.80	<5	2	87.33	1.86	5.82	0.17	0.24
3202683	Drill Core	<0.5	8.4	<0.01	253	<0.001	0.18	<0.01	0.07	<0.5	22.99	2.1	0.8	10.37	<5	11	67.17	4.35	10.69	0.02	0.05
3202684	Drill Core	1.9	12.8	<0.01	260	<0.001	0.26	<0.01	0.10	<0.5	2.76	4.3	1.2	4.80	<5	3	74.24	8.07	6.17	0.03	0.12
3202685	Drill Core	3.1	21.3	<0.01	292	0.001	0.29	<0.01	0.11	<0.5	2.55	3.8	10.4	6.23	<5	4	69.73	8.36	7.90	0.04	0.12
3202686	Drill Core	2.9	20.0	<0.01	243	<0.001	0.27	<0.01	0.11	<0.5	2.07	2.8	10.7	7.40	<5	4	69.75	7.17	9.30	0.06	0.11
3202687	Drill Core	3.5	19.3	<0.01	280	0.001	0.32	<0.01	0.13	<0.5	1.90	2.4	10.0	5.40	<5	6	73.40	8.25	7.01	0.05	0.14
3202688	Drill Core	4.5	18.4	<0.01	258	<0.001	0.31	<0.01	0.12	<0.5	2.63	4.2	4.2	4.71	<5	6	73.28	9.03	6.05	0.03	0.14
3202689	Drill Core	5.4	18.8	<0.01	279	<0.001	0.34	<0.01	0.13	<0.5	1.59	4.7	3.1	4.54	<5	11	73.27	9.55	6.17	0.04	0.16
3202690	Drill Core	1.5	10.8	<0.01	511	<0.001	0.10	<0.01	0.04	<0.5	0.80	2.6	2.0	2.40	<5	5	89.69	2.15	3.57	0.02	0.05
3202691	Drill Core	2.5	15.9	<0.01	400	<0.001	0.16	<0.01	0.06	<0.5	7.15	3.0	3.6	6.51	<5	5	77.50	4.01	7.96	0.03	0.06
3202692	Drill Core	4.0	18.9	<0.01	241	<0.001	0.26	<0.01	0.09	<0.5	0.59	4.6	2.3	4.47	<5	8	73.96	8.92	5.82	0.03	0.15
3202693	Drill Core	4.2	23.2	<0.01	271	<0.001	0.24	<0.01	0.09	<0.5	1.18	4.1	2.5	6.40	5	5	71.04	9.22	8.18	0.03	0.14
3202694	Drill Core	3.0	19.3	<0.01	194	0.001	0.20	<0.01	0.08	<0.5	0.86	2.8	1.8	4.21	<5	5	76.58	8.16	5.44	0.03	0.13
3202695	Drill Core	2.6	19.4	<0.01	482	<0.001	0.25	<0.01	0.09	<0.5	0.82	4.2	1.3	3.86	<5	7	77.59	8.01	5.08	0.03	0.12
3202696	Drill Core	2.6	22.5	<0.01	212	0.001	0.28	<0.01	0.08	<0.5	0.83	3.2	1.6	3.79	<5	6	77.47	8.37	4.91	0.07	0.13
3202697	Drill Core	3.0	28.0	<0.01	501	0.001	0.26	<0.01	0.07	<0.5	1.48	2.9	2.1	4.98	<5	4	74.38	8.87	6.56	0.04	0.13
3202698	Drill Core	2.1	11.1	<0.01	216	<0.001	0.20	<0.01	0.07	<0.5	1.85	1.7	1.5	5.36	<5	10	76.76	4.76	6.95	0.02	0.14
3202699	Drill Core	3.0	12.3	<0.01	243	0.001	0.23	<0.01	0.08	<0.5	1.45	2.2	1.8	2.69	<5	10	82.36	4.36	3.70	0.05	0.11
3202700	Rock	8.6	6.9	0.93	218	0.202	2.37	0.38	0.36	<0.5	<0.05	6.4	<0.5	<0.05	7	<2	60.37	17.03	6.13	6.27	2.73
3202701	Drill Core	1.7	11.3	<0.01	254	<0.001	0.20	<0.01	0.07	<0.5	2.39	1.9	2.9	2.90	<5	12	82.56	4.22	3.93	0.02	0.11
3202702	Drill Core	2.1	11.0	<0.01	221	<0.001	0.20	<0.01	0.07	<0.5	1.77	1.8	2.3	2.63	<5	9	81.37	4.33	3.53	0.02	0.11
3202703	Drill Core	1.7	12.6	<0.01	333	0.001	0.22	<0.01	0.08	<0.5	3.38	2.2	4.0	3.67	<5	10	78.58	5.01	4.79	0.03	0.13
3202704	Drill Core	1.7	12.9	<0.01	483	<0.001	0.26	<0.01	0.09	<0.5	5.77	2.0	4.0	3.88	<5	9	73.79	7.07	4.96	0.03	0.18
3202705	Drill Core	1.6	15.1	<0.01	426	0.001	0.25	<0.01	0.08	<0.5	4.24	2.2	3.0	2.67	<5	11	78.68	5.17	3.52	0.03	0.14
3202706	Drill Core	2.2	12.9	<0.01	433	<0.001	0.19	<0.01	0.06	0.5	4.07	2.7	3.2	2.67	<5	7	78.87	4.79	3.61	0.02	0.12
3202707	Drill Core	2.1	12.1	0.01	380	<0.001	0.23	<0.01	0.07	<0.5	4.62	1.9	3.0	2.29	<5	9	79.58	4.93	2.99	0.02	0.16
3202708	Drill Core	2.1	8.9	0.01	452	0.001	0.23	<0.01	0.07	<0.5	4.10	1.7	2.8	3.08	<5	7	79.25	4.89	3.98	0.03	0.15



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		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
3202679	Drill Core	0.42	0.05	0.11	0.21	<0.01	0.11	<0.01	<0.01	0.01	2.34	99.30	0.02	0.43	1.77	0.23	<0.02	0.68	1.14	1.87	2.76
3202680	Rock	1.52	0.13	0.54	0.14	<0.01	0.05	<0.01	<0.01	<0.01	0.95	99.09	0.03	0.03	<0.02	<0.02	<0.02	0.09	<0.02	<0.15	2.83
3202681	Drill Core	0.34	0.09	0.09	0.12	<0.01	0.11	<0.01	0.02	<0.01	3.74	99.04	<0.01	0.71	3.26	0.31	<0.02	1.41	2.31	2.83	2.82
3202682	Drill Core	0.33	0.11	0.09	0.10	<0.01	0.11	<0.01	0.01	<0.01	3.27	99.47	<0.01	0.77	1.77	0.41	<0.02	1.24	1.25	1.57	2.80
3202683	Drill Core	0.82	0.01	0.20	0.02	<0.01	0.24	0.06	1.05	3.72	8.17	97.64	0.04	1.57	10.40	1.54	<0.02	0.09	8.14	6.78	3.03
3202684	Drill Core	1.53	0.01	0.46	0.04	<0.01	0.44	<0.01	0.07	0.35	7.06	98.81	0.06	2.72	4.89	2.59	0.11	<0.08	3.80	3.26	2.88
3202685	Drill Core	1.59	0.01	0.44	0.06	0.02	0.48	<0.01	0.06	0.12	9.94	99.03	0.04	4.76	6.23	4.55	0.19	<0.08	4.48	5.23	2.87
3202686	Drill Core	1.36	0.01	0.42	0.08	<0.01	0.35	<0.01	0.07	0.15	9.26	98.24	0.04	3.45	7.60	3.35	0.08	0.08	5.42	6.53	2.90
3202687	Drill Core	1.50	0.01	0.45	0.06	<0.01	0.35	<0.01	0.04	<0.01	7.86	99.25	0.06	3.19	5.62	3.05	0.13	<0.08	4.29	3.98	2.84
3202688	Drill Core	1.61	<0.01	0.51	0.04	<0.01	0.36	<0.01	0.04	<0.01	7.40	98.62	0.06	2.95	4.83	2.84	0.10	<0.08	3.40	4.27	2.81
3202689	Drill Core	1.70	<0.01	0.50	0.04	<0.01	0.39	<0.01	0.04	0.01	7.53	99.54	0.08	3.03	4.66	2.90	0.11	<0.08	3.48	3.51	2.79
3202690	Drill Core	0.33	0.01	0.12	0.02	<0.01	0.12	<0.01	0.09	0.03	2.74	98.98	0.01	0.89	2.52	0.85	0.02	<0.08	1.59	2.79	2.81
3202691	Drill Core	0.64	0.01	0.23	0.04	<0.01	0.21	<0.01	0.06	1.01	6.35	98.44	0.04	1.58	6.62	1.54	0.03	<0.08	4.65	5.89	2.87
3202692	Drill Core	1.38	<0.01	0.41	0.07	<0.01	0.37	<0.01	0.03	<0.01	7.03	98.32	0.08	2.42	4.62	2.25	0.16	<0.08	3.17	4.34	2.88
3202693	Drill Core	1.23	0.01	0.44	0.04	<0.01	0.32	<0.01	0.04	<0.01	8.70	99.54	0.04	2.80	6.50	2.66	0.13	<0.08	4.19	6.92	2.88
3202694	Drill Core	1.00	0.01	0.38	0.02	<0.01	0.25	<0.01	0.03	<0.01	6.52	98.65	0.04	2.26	4.28	2.18	0.06	<0.08	3.28	3.02	2.84
3202695	Drill Core	0.94	<0.01	0.36	0.06	<0.01	0.26	<0.01	0.02	<0.01	5.91	98.48	0.05	2.00	4.02	1.92	0.07	<0.08	2.60	4.25	2.85
3202696	Drill Core	0.94	0.01	0.37	0.10	<0.01	0.23	<0.01	0.02	<0.01	5.84	98.55	0.05	2.01	3.93	1.93	0.07	<0.08	2.91	3.06	2.82
3202697	Drill Core	0.96	<0.01	0.39	0.06	<0.01	0.31	<0.01	0.03	<0.01	7.22	99.09	0.04	2.28	5.02	2.20	0.06	<0.08	3.70	3.94	2.83
3202698	Drill Core	0.71	<0.01	0.24	0.02	<0.01	0.21	<0.01	0.01	0.04	7.86	97.78	0.07	3.66	5.58	3.52	0.13	<0.08	3.69	5.64	2.82
3202699	Drill Core	0.67	<0.01	0.21	0.06	<0.01	0.18	<0.01	0.02	0.02	6.69	98.50	0.08	4.07	2.72	3.80	0.26	<0.08	2.14	1.75	2.77
3202700	Rock	1.46	0.12	0.52	0.14	<0.01	0.06	<0.01	<0.01	<0.01	0.91	99.11	0.02	0.06	0.03	<0.02	<0.02	0.17	<0.02	<0.15	2.82
3202701	Drill Core	0.65	<0.01	0.23	0.02	<0.01	0.21	<0.01	0.02	0.06	7.33	99.42	0.09	4.67	3.04	4.46	0.19	<0.08	2.28	2.27	2.74
3202702	Drill Core	0.65	<0.01	0.20	0.03	<0.01	0.20	<0.01	<0.01	0.04	7.05	97.64	0.08	4.42	2.77	4.20	0.21	<0.08	1.87	2.69	2.73
3202703	Drill Core	0.79	<0.01	0.27	0.02	<0.01	0.28	<0.01	<0.01	0.06	9.11	99.17	0.08	5.68	3.65	5.42	0.25	<0.08	2.83	2.45	2.74
3202704	Drill Core	1.11	<0.01	0.34	0.02	<0.01	0.50	<0.01	0.01	0.09	10.75	99.02	0.07	6.94	4.05	6.67	0.25	<0.08	2.84	3.60	2.74
3202705	Drill Core	0.82	<0.01	0.25	0.01	<0.01	0.39	<0.01	0.01	0.13	9.29	98.69	0.12	6.70	2.80	6.52	0.17	<0.08	2.03	2.30	2.70
3202706	Drill Core	0.70	<0.01	0.23	0.01	<0.01	0.42	<0.01	0.01	0.04	10.22	99.14	0.09	7.30	2.77	7.14	0.15	<0.08	2.05	2.15	2.68
3202707	Drill Core	0.75	<0.01	0.25	0.02	<0.01	0.40	<0.01	0.01	0.10	8.54	97.84	0.12	6.15	2.43	6.00	0.14	<0.08	1.72	2.14	2.73
3202708	Drill Core	0.73	<0.01	0.24	0.02	<0.01	0.46	<0.01	0.01	0.08	8.92	98.86	0.08	6.07	3.20	5.99	0.07	<0.08	2.38	2.45	2.73



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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
3202709	Drill Core	6.91	47.1	47.2	91.4	445	0.9	166.8	11.1	33	2.48	72	10.1	1.6	21	5.6	13.6	<0.5	37	0.01	0.006			
3202710	Drill Core	6.49	23.6	74.2	157.5	414	1.9	108.8	13.2	53	5.03	93	6.1	1.2	21	6.4	24.7	<0.5	29	0.01	0.007			
3202711	Drill Core	6.64	17.7	72.7	147.3	778	2.7	102.6	10.8	58	4.57	71	4.1	1.2	33	10.9	36.8	<0.5	44	0.02	0.011			
3202712	Drill Core	3.45	23.0	58.5	154.5	404	3.1	141.2	11.5	46	4.13	82	3.9	1.6	22	6.0	41.1	<0.5	53	0.02	0.006			
3202713	Drill Core	5.89	16.8	62.2	165.6	2024	5.0	117.9	12.0	60	3.88	76	3.0	2.0	98	17.4	37.5	<0.5	43	0.05	0.018			
3202714	Drill Core	4.18	25.2	82.3	207.7	251	9.9	186.7	20.0	57	5.75	132	5.0	3.4	373	2.7	61.1	<0.5	65	0.22	0.109			
3202715	Drill Core	4.69	3.6	43.9	494.7	20371	14.8	17.6	0.9	63	30.71	484	<0.5	<0.5	62	144.6	95.0	<0.5	<10	0.07	0.036			
3202716	Drill Core	6.19	11.4	52.6	514.6	26396	29.8	24.1	0.9	65	39.38	698	<0.5	<0.5	5	208.0	154.2	<0.5	<10	<0.01	0.002			
3202717	Drill Core	5.86	9.3	62.0	420.5	49151	28.9	20.6	0.7	94	39.46	672	<0.5	<0.5	<5	327.8	129.6	<0.5	<10	<0.01	0.002			
3202718	Drill Core	5.69	7.7	63.1	420.8	50640	26.9	14.9	0.7	96	>40	674	<0.5	<0.5	6	317.3	135.0	<0.5	<10	<0.01	0.002			
3202719	Drill Core	6.75	5.7	57.4	398.2	46461	23.1	9.8	<0.5	80	>40	660	<0.5	<0.5	6	346.3	125.9	<0.5	<10	<0.01	0.003			
3202720	Rock Pulp	0.06	2.9	322.4	>40000	106307	101.6	24.1	25.1	1326	7.91	148	1.4	6.2	18	340.4	174.8	0.6	<10	3.96	0.038			
3202721	Drill Core	3.07	5.0	47.7	490.4	15321	23.2	18.0	0.9	61	>40	577	<0.5	<0.5	8	104.1	146.3	<0.5	<10	<0.01	0.005			
3202722	Drill Core	2.66	4.3	47.5	476.9	21446	22.0	16.1	0.9	70	>40	560	<0.5	<0.5	10	148.3	131.8	<0.5	<10	<0.01	0.005			
3202723	Drill Core	5.71	11.4	46.9	474.1	25666	20.0	27.2	1.4	61	>40	555	1.3	<0.5	7	228.6	131.7	<0.5	<10	<0.01	0.003			
3202724	Drill Core	6.41	8.5	64.5	2744.3	56442	32.2	42.3	2.2	80	37.45	525	<0.5	<0.5	<5	403.2	159.7	<0.5	<10	<0.01	0.002			
3202725	Drill Core	6.41	18.6	134.0	5893.8	97958	61.6	95.4	3.9	169	33.32	521	<0.5	<0.5	17	533.3	260.6	<0.5	15	0.03	0.012			
3202726	Drill Core	5.23	12.9	134.9	6441.2	93315	54.0	51.7	4.1	175	34.72	749	<0.5	<0.5	7	454.9	362.8	<0.5	10	<0.01	0.003			
3202727	Drill Core	5.81	9.9	157.6	11215.4	126413	63.7	20.7	6.3	191	29.71	641	<0.5	<0.5	<5	685.8	376.8	<0.5	<10	<0.01	0.001			
3202728	Drill Core	5.86	10.7	152.5	14363.4	107946	73.1	20.9	6.3	139	33.33	629	<0.5	<0.5	<5	602.2	409.7	<0.5	<10	<0.01	<0.001			
3202729	Drill Core	6.58	10.4	170.1	23180.4	104975	92.4	31.3	6.6	200	31.78	786	<0.5	<0.5	<5	567.0	494.9	<0.5	<10	<0.01	<0.001			
3202730	Drill Core	5.75	8.7	189.1	10079.8	102281	50.1	21.0	3.9	207	36.38	989	<0.5	<0.5	<5	559.3	449.4	<0.5	<10	<0.01	0.002			
3202731	Drill Core	6.34	28.2	146.2	4950.1	27956	33.5	41.7	3.1	62	>40	945	<0.5	<0.5	<5	152.4	447.4	<0.5	11	<0.01	<0.001			
3202732	Drill Core	5.51	17.6	155.9	4849.8	35014	32.5	48.1	11.0	75	34.35	890	<0.5	<0.5	<5	204.4	431.9	<0.5	19	<0.01	<0.001			
3202733	Drill Core	5.78	11.2	167.5	3885.8	45472	32.7	38.9	9.0	73	>40	743	1.0	<0.5	<5	256.1	387.0	<0.5	29	<0.01	0.002			
3202734	Drill Core	6.30	12.6	115.4	2375.1	27811	23.0	45.7	4.9	69	>40	680	0.5	<0.5	<5	164.0	292.9	<0.5	29	<0.01	0.002			
3202735	Drill Core	5.78	22.2	186.9	4040.3	49633	33.4	40.5	5.8	94	38.89	858	<0.5	<0.5	<5	342.5	519.5	<0.5	15	<0.01	<0.001			
3202736	Drill Core	6.54	15.1	351.3	8212.5	117609	65.3	26.8	15.9	183	34.87	1342	<0.5	<0.5	<5	743.9	889.2	<0.5	18	<0.01	0.002			
3202737	Drill Core	6.07	19.2	632.8	11554.6	114454	70.2	20.8	28.0	271	35.69	1395	<0.5	<0.5	7	679.1	1457.4	<0.5	16	0.01	0.004			
3202738	Drill Core	4.81	20.3	317.8	7488.8	90386	54.8	33.3	15.1	196	38.50	951	<0.5	<0.5	<5	490.6	823.7	<0.5	18	<0.01	0.002			



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Method Analyte Unit MDL		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	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01	0.01	0.01	0.01
3202709	Drill Core	2.2	11.3	<0.01	546	<0.001	0.23	<0.01	0.07	<0.5	3.03	1.9	3.2	2.71	<5	6	77.28	4.93	3.43	0.02	0.12
3202710	Drill Core	2.1	13.1	<0.01	691	<0.001	0.25	<0.01	0.07	<0.5	3.80	1.8	4.5	5.68	<5	6	72.68	6.12	7.26	0.02	0.16
3202711	Drill Core	2.7	13.7	<0.01	908	<0.001	0.31	<0.01	0.08	<0.5	2.73	1.8	4.9	5.06	<5	7	75.43	7.07	6.67	0.04	0.15
3202712	Drill Core	3.3	11.0	0.01	1167	0.001	0.35	<0.01	0.09	<0.5	2.58	1.8	4.3	4.55	<5	7	74.81	7.50	5.90	0.03	0.19
3202713	Drill Core	4.0	15.4	0.01	1018	0.002	1.20	<0.01	0.12	<0.5	5.33	2.1	4.8	3.80	<5	7	72.20	8.27	5.60	0.08	0.17
3202714	Drill Core	6.1	25.1	<0.01	797	0.003	4.71	0.02	0.15	<0.5	2.41	5.7	11.0	3.97	7	6	55.75	11.96	8.32	0.32	0.09
3202715	Drill Core	<0.5	7.8	<0.01	52	<0.001	0.07	<0.01	<0.01	<0.5	43.25	<0.5	12.5	>30	<5	<2	26.30	0.32	45.62	0.12	<0.01
3202716	Drill Core	<0.5	3.6	<0.01	52	<0.001	0.02	<0.01	<0.01	<0.5	62.78	<0.5	16.2	>30	<5	<2	8.20	0.06	56.85	0.02	0.01
3202717	Drill Core	<0.5	3.0	<0.01	196	<0.001	<0.01	<0.01	<0.01	<0.5	110.70	<0.5	22.7	>30	<5	<2	5.70	0.03	56.82	0.02	<0.01
3202718	Drill Core	<0.5	2.1	<0.01	43	<0.001	0.01	<0.01	<0.01	<0.5	114.15	<0.5	26.0	>30	<5	<2	3.89	0.03	57.76	0.02	<0.01
3202719	Drill Core	<0.5	2.3	<0.01	28	<0.001	0.01	<0.01	<0.01	<0.5	108.19	<0.5	20.9	>30	<5	<2	4.07	0.05	58.07	0.03	<0.01
3202720	Rock Pulp	19.7	13.5	2.15	92	0.013	0.82	<0.01	0.47	<0.5	4.52	3.1	45.5	11.03	<5	<2	34.18	6.97	11.39	5.38	3.88
3202721	Drill Core	<0.5	3.4	<0.01	31	<0.001	0.02	<0.01	<0.01	<0.5	52.06	<0.5	21.0	>30	<5	<2	3.00	0.09	61.62	0.03	<0.01
3202722	Drill Core	<0.5	3.6	<0.01	41	<0.001	0.03	<0.01	<0.01	<0.5	65.47	<0.5	21.1	>30	<5	<2	3.60	0.10	59.42	0.03	<0.01
3202723	Drill Core	<0.5	4.2	<0.01	174	<0.001	0.02	<0.01	<0.01	<0.5	70.54	<0.5	14.9	>30	<5	<2	4.75	0.10	59.55	0.03	0.02
3202724	Drill Core	<0.5	3.2	<0.01	50	<0.001	0.02	<0.01	<0.01	<0.5	113.56	<0.5	11.3	>30	<5	4	8.21	0.07	54.89	0.03	<0.01
3202725	Drill Core	<0.5	7.3	<0.01	53	<0.001	0.06	<0.01	<0.01	<0.5	187.18	0.5	13.4	>30	6	7	9.50	0.19	48.79	0.06	<0.01
3202726	Drill Core	<0.5	5.5	<0.01	46	<0.001	0.03	<0.01	<0.01	<0.5	180.91	<0.5	16.4	>30	<5	4	7.17	0.08	51.19	0.03	<0.01
3202727	Drill Core	<0.5	4.3	<0.01	69	<0.001	<0.01	<0.01	<0.01	<0.5	225.96	<0.5	13.1	>30	8	5	11.09	0.03	44.82	0.02	<0.01
3202728	Drill Core	<0.5	7.4	<0.01	46	<0.001	0.01	<0.01	<0.01	<0.5	189.79	<0.5	14.8	>30	6	3	8.37	0.04	48.44	0.02	0.01
3202729	Drill Core	<0.5	9.9	<0.01	49	<0.001	0.01	<0.01	<0.01	<0.5	180.09	<0.5	14.5	>30	8	4	11.24	0.05	46.09	0.02	<0.01
3202730	Drill Core	<0.5	9.2	<0.01	51	<0.001	<0.01	<0.01	<0.01	<0.5	193.70	<0.5	17.0	>30	11	2	4.42	<0.01	52.26	0.02	<0.01
3202731	Drill Core	<0.5	8.0	<0.01	35	<0.001	<0.01	<0.01	<0.01	<0.5	63.14	<0.5	22.0	>30	5	<2	5.53	0.03	57.66	0.02	<0.01
3202732	Drill Core	<0.5	10.1	<0.01	72	<0.001	0.01	<0.01	<0.01	<0.5	72.27	<0.5	24.6	>30	6	<2	14.87	0.07	51.95	0.03	0.02
3202733	Drill Core	<0.5	12.5	<0.01	48	<0.001	0.02	<0.01	<0.01	<0.5	91.39	<0.5	15.1	>30	7	3	4.49	0.09	57.10	0.02	<0.01
3202734	Drill Core	<0.5	11.5	<0.01	98	<0.001	0.03	<0.01	<0.01	<0.5	56.03	<0.5	15.0	>30	5	<2	5.10	0.19	58.81	0.03	0.02
3202735	Drill Core	<0.5	10.1	<0.01	37	<0.001	<0.01	<0.01	<0.01	<0.5	93.78	<0.5	22.2	>30	7	2	5.14	0.05	55.73	0.02	<0.01
3202736	Drill Core	<0.5	15.2	<0.01	64	<0.001	<0.01	<0.01	<0.01	<0.5	200.17	<0.5	21.3	>30	15	2	5.27	0.05	50.27	0.03	<0.01
3202737	Drill Core	<0.5	22.2	<0.01	195	<0.001	<0.01	<0.01	<0.01	<0.5	194.24	<0.5	18.7	>30	17	3	4.08	0.02	50.97	0.03	0.01
3202738	Drill Core	<0.5	12.9	<0.01	48	<0.001	<0.01	<0.01	<0.01	<0.5	160.89	<0.5	13.2	>30	12	3	3.35	0.02	53.90	0.03	<0.01



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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	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
					%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
					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
3202709	Drill Core	0.73	<0.01	0.22	0.02	<0.01	0.53	<0.01	<0.01	0.04	9.43	96.87	0.06	6.64	2.81	6.52	0.11	<0.08	1.92	2.65	2.71			
3202710	Drill Core	0.91	<0.01	0.29	0.03	<0.01	0.87	<0.01	0.02	0.04	9.81	98.40	0.04	5.01	5.82	4.81	0.19	<0.08	4.47	4.03	2.81			
3202711	Drill Core	1.01	0.01	0.32	0.05	<0.01	1.25	<0.01	0.02	0.08	7.20	99.52	0.07	2.85	5.26	2.78	0.05	<0.08	3.97	3.87	2.84			
3202712	Drill Core	1.05	0.01	0.34	0.03	<0.01	1.54	<0.01	0.01	0.04	6.89	98.57	0.09	2.77	4.77	2.69	0.07	<0.08	3.65	3.37	2.81			
3202713	Drill Core	0.93	<0.01	0.38	0.06	<0.01	3.42	<0.01	0.02	0.20	6.16	98.00	0.07	2.09	4.51	2.01	0.07	<0.08	3.19	3.95	2.85			
3202714	Drill Core	0.65	<0.01	0.57	0.27	<0.01	11.90	<0.01	0.03	0.02	7.03	98.35	0.07	1.81	6.72	1.71	0.09	<0.08	5.23	4.46	3.10			
3202715	Drill Core	<0.01	0.01	<0.01	0.08	<0.01	0.21	<0.01	0.05	1.97	23.99	99.21	<0.01	0.25	37.10	0.24	<0.02	<0.08	26.84	30.74	4.08			
3202716	Drill Core	<0.01	<0.01	<0.01	<0.01	<0.01	0.05	<0.01	0.06	2.62	30.46	98.99	<0.01	0.27	44.37	0.24	<0.02	0.10	34.76	28.79	4.67			
3202717	Drill Core	<0.01	<0.01	<0.01	<0.01	<0.01	0.06	<0.01	0.05	4.84	30.71	99.47	<0.01	0.25	45.37	0.25	<0.02	<0.08	35.86	28.49	4.71			
3202718	Drill Core	<0.01	0.01	<0.01	<0.01	<0.01	0.08	<0.01	0.04	4.91	31.29	99.26	<0.01	0.22	47.24	0.22	<0.02	<0.08	33.43	41.37	4.79			
3202719	Drill Core	<0.01	0.01	<0.01	<0.01	<0.01	0.06	<0.01	0.03	4.52	31.22	99.17	<0.01	0.22	45.19	0.22	<0.02	<0.08	32.18	38.98	4.76			
3202720	Rock Pulp	3.51	0.17	0.21	0.09	<0.01	0.08	0.03	4.87	10.71	14.84	99.54	<0.01	2.45	11.09	0.38	<0.02	7.60	4.11	20.91	3.29			
3202721	Drill Core	<0.01	0.01	<0.01	<0.01	<0.01	0.13	<0.01	0.06	1.43	32.49	99.24	<0.01	0.31	45.56	0.31	<0.02	<0.08	29.25	48.86	4.81			
3202722	Drill Core	<0.01	0.01	<0.01	0.01	<0.01	0.13	<0.01	0.05	2.00	32.07	97.94	<0.01	0.27	48.65	0.27	<0.02	<0.08	31.17	52.37	4.80			
3202723	Drill Core	<0.01	0.01	<0.01	<0.01	<0.01	0.11	<0.01	0.06	2.55	31.64	99.52	<0.01	0.27	47.34	0.27	<0.02	<0.08	29.64	53.03	4.75			
3202724	Drill Core	<0.01	<0.01	<0.01	<0.01	<0.01	0.06	<0.01	0.29	5.66	29.38	100.06	<0.01	0.20	45.40	0.20	<0.02	<0.08	29.03	49.04	4.65			
3202725	Drill Core	<0.01	0.02	<0.01	0.03	<0.01	0.17	<0.01	0.58	9.65	27.71	99.25	<0.01	0.32	42.71	0.32	<0.02	<0.08	30.51	36.55	4.53			
3202726	Drill Core	<0.01	0.03	<0.01	<0.01	<0.01	0.09	<0.01	0.67	9.35	28.65	99.68	<0.01	0.30	44.64	0.30	<0.02	<0.08	28.14	49.43	4.61			
3202727	Drill Core	<0.01	0.02	<0.01	<0.01	<0.01	0.04	0.01	1.12	12.81	26.13	99.40	<0.01	0.21	41.11	0.21	<0.02	<0.08	26.96	42.39	4.44			
3202728	Drill Core	<0.01	0.02	<0.01	<0.01	<0.01	0.04	0.01	1.44	10.82	27.62	99.70	<0.01	0.23	43.05	0.23	<0.02	<0.08	28.37	43.98	4.57			
3202729	Drill Core	<0.01	0.03	<0.01	<0.01	<0.01	0.06	0.01	2.28	10.43	26.39	99.41	<0.01	0.26	41.43	0.26	<0.02	<0.08	29.28	36.40	4.49			
3202730	Drill Core	<0.01	0.03	<0.01	<0.01	<0.01	0.05	0.02	0.96	10.14	29.41	99.90	<0.01	0.26	44.90	0.26	<0.02	<0.08	32.62	36.79	4.71			
3202731	Drill Core	<0.01	<0.01	<0.01	<0.01	<0.01	0.04	0.01	0.48	2.77	31.13	98.40	<0.01	0.29	47.58	0.29	<0.02	<0.08	29.70	53.57	4.71			
3202732	Drill Core	<0.01	0.01	<0.01	<0.01	<0.01	0.04	<0.01	0.49	3.54	27.63	99.63	<0.01	0.29	42.55	0.28	<0.02	<0.08	28.57	41.88	4.39			
3202733	Drill Core	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	0.01	0.40	4.43	31.18	98.95	<0.01	0.40	46.22	0.39	<0.02	<0.08	23.81	67.14	4.71			
3202734	Drill Core	<0.01	0.01	<0.01	<0.01	<0.01	0.05	<0.01	0.24	2.65	31.43	99.26	<0.01	0.38	46.58	0.38	<0.02	<0.08	27.86	56.09	4.65			
3202735	Drill Core	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	0.01	0.40	4.90	30.63	98.21	<0.01	0.22	46.53	0.22	<0.02	<0.08	25.70	62.41	4.65			
3202736	Drill Core	<0.01	0.02	<0.01	<0.01	<0.01	0.04	0.03	0.83	11.50	28.67	99.71	<0.01	0.21	44.18	0.21	<0.02	<0.08	29.04	45.36	4.57			
3202737	Drill Core	<0.01	0.04	<0.01	<0.01	<0.01	0.01	0.05	1.11	11.08	29.09	99.38	0.01	0.24	44.43	0.24	<0.02	<0.08	29.89	43.56	4.62			
3202738	Drill Core	<0.01	0.03	<0.01	<0.01	<0.01	0.03	0.02	0.73	8.84	30.05	99.31	<0.01	0.20	46.21	0.21	<0.02	<0.08	34.09	36.31	4.67			



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Project: MacMillan Pass

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
3202739	Drill Core	5.47	12.4	2698.9	19885.8	62094	83.5	45.5	114.6	112	38.56	1569	0.9	<0.5	<5	321.7	4892.4	<0.5	27	<0.01	0.001
3202740	Rock	0.25	1.0	53.4	27.1	113	<0.5	4.5	10.3	418	3.21	<5	1.1	2.9	116	<0.5	6.7	<0.5	111	1.29	0.060
3202741	Drill Core	2.87	5.1	2735.0	14008.0	32102	61.1	58.8	259.7	63	>40	1532	0.6	<0.5	<5	192.6	4258.8	<0.5	19	<0.01	0.002
3202742	Drill Core	2.50	4.8	3451.1	17363.4	41800	66.9	64.7	267.9	75	>40	1570	0.7	<0.5	<5	252.1	5541.6	<0.5	23	<0.01	0.002
3202743	Drill Core	6.18	6.2	1494.9	8052.7	23556	46.4	78.5	316.2	71	>40	2063	0.7	<0.5	<5	170.0	2258.4	<0.5	23	<0.01	0.004
3202744	Drill Core	5.22	5.0	646.1	8426.7	32238	47.2	61.9	180.9	89	36.59	1342	1.7	<0.5	<5	267.1	1145.9	<0.5	10	<0.01	0.004
3202745	Drill Core	3.46	11.9	158.7	1072.3	7126	10.3	150.4	90.3	93	14.69	618	2.2	<0.5	23	58.0	238.2	<0.5	34	0.03	0.017
3202746	Drill Core	5.23	8.8	328.7	5243.2	33974	30.7	76.3	136.2	110	23.62	905	1.9	<0.5	12	279.4	826.4	<0.5	14	0.02	0.008
3202747	Drill Core	4.03	7.2	118.2	612.7	23972	11.9	62.5	27.5	107	14.95	707	2.1	<0.5	20	201.3	186.5	<0.5	30	0.03	0.014
3202748	Drill Core	2.95	30.0	126.8	983.2	32495	15.1	80.4	28.1	148	12.56	426	4.5	<0.5	30	276.9	194.0	<0.5	48	0.02	0.011



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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
3202739	Drill Core	<0.5	19.3	<0.01	71	<0.001	0.01	<0.01	<0.01	<0.5	114.14	<0.5	22.9	>30	9	4	4.73	0.06	53.68	0.01	0.01
3202740	Rock	7.6	8.9	0.90	221	0.212	2.26	0.35	0.36	<0.5	0.17	5.5	<0.5	<0.05	6	<2	61.07	16.93	6.32	6.20	2.86
3202741	Drill Core	<0.5	6.8	<0.01	93	<0.001	0.02	<0.01	<0.01	<0.5	59.43	<0.5	21.9	>30	<5	4	3.83	0.08	57.53	0.02	0.01
3202742	Drill Core	<0.5	9.2	<0.01	75	<0.001	0.02	<0.01	<0.01	<0.5	75.38	<0.5	21.4	>30	6	4	4.43	0.09	55.77	0.01	0.01
3202743	Drill Core	<0.5	8.1	<0.01	190	<0.001	0.03	<0.01	<0.01	<0.5	43.00	<0.5	35.3	>30	<5	2	4.46	0.14	59.06	0.02	<0.01
3202744	Drill Core	<0.5	14.0	<0.01	106	<0.001	0.05	<0.01	<0.01	<0.5	52.96	<0.5	19.0	>30	<5	3	9.30	0.33	54.66	0.02	0.01
3202745	Drill Core	0.6	58.7	<0.01	135	0.002	0.62	<0.01	0.02	<0.5	13.99	1.8	8.2	16.88	<5	<2	58.54	1.95	21.75	0.06	0.02
3202746	Drill Core	<0.5	22.9	<0.01	80	<0.001	0.29	<0.01	<0.01	<0.5	57.24	0.9	13.2	29.13	5	5	36.71	0.84	35.45	0.04	<0.01
3202747	Drill Core	0.5	33.8	<0.01	149	0.001	0.74	<0.01	0.02	<0.5	39.24	1.7	11.4	17.81	<5	<2	57.98	1.72	21.92	0.05	0.02
3202748	Drill Core	0.9	28.7	<0.01	215	0.001	0.93	<0.01	0.02	<0.5	53.28	2.1	7.8	15.24	<5	2	58.70	2.41	17.98	0.06	0.02



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	Method	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC000	TC000	TC005	TC005	TC006	TC010	TC010	SPG04
	Analyte	K2O	MnO	TiO2	P2O5	Cr2O3	Ba	Cu	Pb	Zn	LOI	SUM_T	V2O5	TOT/C	TOT/S	C/ORG	C/GRA	CO2	S/S-	SO4	Density
	Unit	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g/cm3
	MDL	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-5.11	0.01	0.01	0.02	0.02	0.02	0.02	0.08	0.02	0.15	0.01
3202739	Drill Core	<0.01	0.01	<0.01	<0.01	<0.01	0.04	0.24	1.94	6.04	29.68	98.23	<0.01	0.26	45.43	0.26	<0.02	<0.08	30.75	43.98	4.68
3202740	Rock	1.50	0.12	0.52	0.13	<0.01	0.06	<0.01	<0.01	0.01	0.82	99.87	0.02	0.03	0.09	0.02	<0.02	<0.08	0.03	0.20	2.80
3202741	Drill Core	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	0.25	1.43	3.21	30.90	98.28	<0.01	0.29	47.03	0.29	<0.02	<0.08	33.45	40.69	4.76
3202742	Drill Core	<0.01	0.01	<0.01	<0.01	<0.01	0.04	0.31	1.75	4.13	30.21	98.02	<0.01	0.26	45.83	0.27	<0.02	<0.08	33.12	38.08	4.74
3202743	Drill Core	<0.01	0.01	<0.01	<0.01	<0.01	0.03	0.13	0.77	2.26	31.46	99.03	0.01	0.35	46.67	0.35	<0.02	<0.08	34.08	37.72	4.71
3202744	Drill Core	<0.01	<0.01	0.01	<0.01	<0.01	0.03	0.05	0.83	3.25	29.31	98.77	<0.01	0.28	44.54	0.28	<0.02	<0.08	29.59	44.79	4.50
3202745	Drill Core	0.09	0.01	0.35	0.04	<0.01	1.47	0.01	0.09	0.69	12.25	97.72	0.02	1.05	17.45	1.03	<0.02	<0.08	9.15	24.87	3.19
3202746	Drill Core	<0.01	0.02	0.06	0.02	<0.01	0.82	0.03	0.52	3.37	19.66	98.55	<0.01	0.60	30.60	0.59	<0.02	<0.08	19.84	32.24	3.66
3202747	Drill Core	0.04	0.02	0.13	0.03	<0.01	1.73	<0.01	0.07	2.33	12.11	98.98	0.02	0.69	18.05	0.68	<0.02	<0.08	12.86	15.55	3.22
3202748	Drill Core	0.09	0.02	0.15	0.03	<0.01	2.19	<0.01	0.10	3.21	12.14	98.19	0.03	2.29	15.63	2.28	<0.02	<0.08	10.43	15.58	3.12



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Project:

MacMillan Pass

Report Date:

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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
3202650	Drill Core	8.13	3.8	35.1	50.9	262	1.2	28.2	2.8	6429	23.00	31	1.4	<0.5	10	0.8	31.8	<0.5	52	0.14	0.015
3202684	Drill Core	4.34	19.3	152.1	656.9	3569	4.6	101.5	13.4	77	4.27	217	20.5	1.1	12	20.0	253.1	<0.5	23	0.01	0.013
Pulp Duplicates																					
3202649	Drill Core	7.82	1.9	10.2	19.7	88	<0.5	21.4	4.0	2936	10.31	15	0.6	1.4	33	<0.5	6.4	<0.5	31	0.32	0.026
REP 3202649	QC																				
3202653	Drill Core	9.03	1.5	91.0	127.0	108	1.4	32.8	5.3	4955	20.55	82	1.9	0.5	19	<0.5	35.6	<0.5	54	0.16	0.026
REP 3202653	QC																				
3202662	Drill Core	2.41	0.9	31.5	194.5	651	1.6	46.8	11.7	363	6.46	114	<0.5	<0.5	22	5.0	29.7	<0.5	11	0.06	0.025
REP 3202662	QC																				
3202666	Drill Core	3.13	1.1	21.7	123.5	384	1.1	29.7	5.6	1378	6.78	71	0.5	<0.5	24	3.4	26.8	<0.5	28	0.09	0.030
REP 3202666	QC																				
3202668	Drill Core	5.21	49.7	1312.4	123.0	205	630.5	26.4	3.5	921	3.48	43	0.8	<0.5	20	1.8	25.8	<0.5	21	0.05	0.021
REP 3202668	QC																				
3202670	Drill Core	5.58	0.9	15.0	41.6	699	1.0	31.6	4.9	487	2.89	57	<0.5	<0.5	30	2.9	20.8	<0.5	20	0.12	0.052
REP 3202670	QC																				
3202671	Drill Core	8.69	0.8	11.3	36.2	660	0.7	30.4	4.8	854	3.56	37	<0.5	<0.5	26	2.6	18.7	<0.5	26	0.17	0.070
REP 3202671	QC		0.7	11.0	34.5	655	0.7	29.7	4.8	851	3.50	36	<0.5	<0.5	25	2.7	17.9	<0.5	26	0.17	0.066
3202680	Rock	1.11	1.0	56.0	2.2	41	<0.5	4.3	10.2	371	2.84	<5	0.8	2.8	92	<0.5	<0.5	<0.5	97	1.02	0.064
REP 3202680	QC																				
3202682	Drill Core	7.63	1.4	43.1	72.9	61	2.3	41.1	10.2	878	4.06	86	<0.5	<0.5	13	<0.5	49.3	<0.5	18	0.11	0.044
REP 3202682	QC																				
3202683	Drill Core	4.76	13.8	703.1	11125.1	37645	44.7	71.6	10.2	57	7.59	353	8.3	0.6	11	179.8	4957.3	<0.5	18	0.01	0.009
REP 3202683	QC																				
3202685	Drill Core	3.74	18.0	144.6	582.3	1252	6.2	101.5	16.6	69	5.38	292	26.5	1.5	18	9.5	219.7	<0.5	20	0.02	0.022
REP 3202685	QC																				
3202697	Drill Core	9.55	22.9	73.8	255.5	60	4.0	94.3	16.6	52	4.50	67	8.7	1.2	50	3.2	43.7	<0.5	22	0.02	0.018
REP 3202697	QC																				
3202700	Rock	0.22	1.0	51.5	2.2	37	<0.5	4.5	10.9	427	3.12	<5	0.9	3.1	131	<0.5	<0.5	<0.5	105	1.38	0.061
REP 3202700	QC																				



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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
3202650	Drill Core	0.6	17.8	0.53	94	0.001	0.32	<0.01	0.03	<0.5	0.29	4.1	<0.5	0.24	<5	4	49.16	1.51	33.96	0.21	0.92
3202684	Drill Core	1.9	12.8	<0.01	260	<0.001	0.26	<0.01	0.10	<0.5	2.76	4.3	1.2	4.80	<5	3	74.24	8.07	6.17	0.03	0.12
Pulp Duplicates																					
3202649	Drill Core	3.1	32.3	0.44	133	0.020	0.41	<0.01	0.07	<0.5	0.06	3.4	<0.5	0.27	<5	<2	71.99	2.68	14.69	0.50	0.80
REP 3202649	QC																				
3202653	Drill Core	0.8	18.6	0.49	79	<0.001	0.41	<0.01	0.05	<0.5	0.37	4.7	<0.5	7.26	<5	4	49.59	2.60	30.27	0.24	0.82
REP 3202653	QC																49.14	2.59	30.10	0.25	0.82
3202662	Drill Core	<0.5	10.2	0.07	74	<0.001	0.17	<0.01	0.04	0.7	1.26	0.8	0.6	5.24	<5	<2	82.67	1.86	9.01	0.10	0.14
REP 3202662	QC																				
3202666	Drill Core	<0.5	10.1	0.15	88	<0.001	0.16	<0.01	0.04	<0.5	1.06	2.0	<0.5	2.74	<5	<2	81.74	1.80	9.38	0.13	0.25
REP 3202666	QC																				
3202668	Drill Core	<0.5	7.9	0.08	142	<0.001	0.12	<0.01	0.05	447.9	1.32	2.2	<0.5	0.36	<5	2	88.37	1.83	5.10	0.07	0.13
REP 3202668	QC																88.83	1.85	5.14	0.07	0.14
3202670	Drill Core	<0.5	8.6	0.08	75	<0.001	0.21	<0.01	0.04	<0.5	0.85	1.4	<0.5	0.66	<5	2	89.56	2.31	4.12	0.20	0.15
REP 3202670	QC																89.10	2.31	4.12	0.19	0.16
3202671	Drill Core	<0.5	12.0	0.13	86	<0.001	0.27	<0.01	0.04	<0.5	0.75	1.5	<0.5	0.38	<5	<2	88.10	2.09	5.16	0.25	0.23
REP 3202671	QC	<0.5	11.5	0.12	85	<0.001	0.26	<0.01	0.04	<0.5	0.67	1.3	<0.5	0.38	<5	<2					
3202680	Rock	7.0	6.7	0.85	175	0.178	1.82	0.24	0.29	<0.5	<0.05	4.0	<0.5	<0.05	6	<2	60.18	16.87	6.26	6.22	2.91
REP 3202680	QC																				
3202682	Drill Core	<0.5	8.0	0.13	168	<0.001	0.16	<0.01	0.05	<0.5	0.15	1.6	<0.5	1.80	<5	2	87.33	1.86	5.82	0.17	0.24
REP 3202682	QC																				
3202683	Drill Core	<0.5	8.4	<0.01	253	<0.001	0.18	<0.01	0.07	<0.5	22.99	2.1	0.8	10.37	<5	11	67.17	4.35	10.69	0.02	0.05
REP 3202683	QC																				
3202685	Drill Core	3.1	21.3	<0.01	292	0.001	0.29	<0.01	0.11	<0.5	2.55	3.8	10.4	6.23	<5	4	69.73	8.36	7.90	0.04	0.12
REP 3202685	QC																69.61	8.33	7.92	0.04	0.11
3202697	Drill Core	3.0	28.0	<0.01	501	0.001	0.26	<0.01	0.07	<0.5	1.48	2.9	2.1	4.98	<5	4	74.38	8.87	6.56	0.04	0.13
REP 3202697	QC																				
3202700	Rock	8.6	6.9	0.93	218	0.202	2.37	0.38	0.36	<0.5	<0.05	6.4	<0.5	<0.05	7	<2	60.37	17.03	6.13	6.27	2.73
REP 3202700	QC																				



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Report Date: January 23, 2021

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	Method	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC000	TC000	TC005	TC005	TC006	TC010	TC010	SPG04
	Analyte	K2O	MnO	TiO2	P2O5	Cr2O3	Ba	Cu	Pb	Zn	LOI	SUM_T	V2O5	TOT/C	TOT/S	C/ORG	C/GRA	CO2	S/S-	SO4
	Unit	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	MDL	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-5.11	0.01	0.01	0.02	0.02	0.02	0.02	0.08	0.02	0.15
3202650	Drill Core	0.22	0.80	0.07	0.03	<0.01	0.03	<0.01	0.01	0.02	12.97	99.96	0.02	3.83	0.25	0.74	0.02	11.26	0.08	0.52
3202684	Drill Core	1.53	0.01	0.46	0.04	<0.01	0.44	<0.01	0.07	0.35	7.06	98.81	0.06	2.72	4.89	2.59	0.11	<0.08	3.80	3.26
Pulp Duplicates																				
3202649	Drill Core	0.47	0.37	0.12	0.06	<0.01	0.05	<0.01	<0.01	<0.01	6.40	98.26	0.01	1.85	0.30	0.33	<0.02	5.52	0.11	0.57
REP 3202649	QC													1.85	0.29					2.88
3202653	Drill Core	0.42	0.63	0.13	0.06	<0.01	0.06	<0.01	0.02	<0.01	14.87	99.75	0.02	3.43	7.44	0.79	<0.02	9.67	4.86	7.71
REP 3202653	QC	0.41	0.62	0.13	0.06	<0.01	0.05	<0.01	0.02	<0.01	14.87	99.11	0.02							3.22
3202662	Drill Core	0.35	0.05	0.08	0.06	<0.01	0.07	<0.01	<0.01	0.06	4.62	99.11	0.01	0.55	5.46	0.28	0.03	0.88	3.99	4.40
REP 3202662	QC																		3.80	
3202666	Drill Core	0.35	0.17	0.09	0.07	<0.01	0.07	<0.01	<0.01	0.04	4.92	99.03	0.02	1.18	3.09	0.43	0.02	2.65	2.00	3.24
REP 3202666	QC															<0.02				
3202668	Drill Core	0.36	0.12	0.12	0.05	<0.01	0.08	0.08	0.01	0.02	2.51	98.90	0.01	0.74	0.41	0.27	<0.02	1.68	0.25	0.49
REP 3202668	QC	0.37	0.12	0.12	0.04	<0.01	0.08	0.07	<0.01	0.02	2.51	99.42	0.01							
3202670	Drill Core	0.42	0.07	0.10	0.12	<0.01	0.08	<0.01	<0.01	0.07	2.04	99.30	0.01	0.54	0.71	0.22	<0.02	1.13	0.45	0.76
REP 3202670	QC	0.42	0.07	0.10	0.12	<0.01	0.08	<0.01	<0.01	0.07	2.04	98.81	0.01							
3202671	Drill Core	0.36	0.11	0.09	0.16	<0.01	0.08	<0.01	<0.01	0.07	2.49	99.24	0.02	0.76	0.42	0.23	<0.02	1.87	0.22	0.60
REP 3202671	QC																			2.77
3202680	Rock	1.52	0.13	0.54	0.14	<0.01	0.05	<0.01	<0.01	<0.01	0.95	99.09	0.03	0.03	<0.02	<0.02	<0.02	0.09	<0.02	<0.15
REP 3202680	QC																	0.11		
3202682	Drill Core	0.33	0.11	0.09	0.10	<0.01	0.11	<0.01	0.01	<0.01	3.27	99.47	<0.01	0.77	1.77	0.41	<0.02	1.24	1.25	1.57
REP 3202682	QC													0.77	1.80					2.80
3202683	Drill Core	0.82	0.01	0.20	0.02	<0.01	0.24	0.06	1.05	3.72	8.17	97.64	0.04	1.57	10.40	1.54	<0.02	0.09	8.14	6.78
REP 3202683	QC																			3.03
3202685	Drill Core	1.59	0.01	0.44	0.06	0.02	0.48	<0.01	0.06	0.12	9.94	99.03	0.04	4.76	6.23	4.55	0.19	<0.08	4.48	5.23
REP 3202685	QC	1.58	0.01	0.42	0.06	<0.01	0.48	<0.01	0.06	0.12	9.94	98.86	0.04							2.87
3202697	Drill Core	0.96	<0.01	0.39	0.06	<0.01	0.31	<0.01	0.03	<0.01	7.22	99.09	0.04	2.28	5.02	2.20	0.06	<0.08	3.70	3.94
REP 3202697	QC																		3.67	2.83
3202700	Rock	1.46	0.12	0.52	0.14	<0.01	0.06	<0.01	<0.01	<0.01	0.91	99.11	0.02	0.06	0.03	<0.02	<0.02	0.17	<0.02	<0.15
REP 3202700	QC															<0.02				2.82



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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
3202704	Drill Core	6.35	41.1	122.6	132.9	910	0.8	153.2	15.0	52	3.42	62	9.2	2.0	19	14.5	24.9	<0.5	39	0.01	0.004
REP 3202704	QC																				
3202706	Drill Core	6.48	44.7	59.7	82.2	417	0.7	172.1	11.3	39	2.48	55	8.3	1.5	14	5.6	19.9	<0.5	59	<0.01	0.005
REP 3202706	QC		45.4	60.0	85.1	423	0.6	173.6	12.2	40	2.50	59	8.9	1.6	14	5.3	20.2	<0.5	58	<0.01	0.004
3202714	Drill Core	4.18	25.2	82.3	207.7	251	9.9	186.7	20.0	57	5.75	132	5.0	3.4	373	2.7	61.1	<0.5	65	0.22	0.109
REP 3202714	QC																				
3202717	Drill Core	5.86	9.3	62.0	420.5	49151	28.9	20.6	0.7	94	39.46	672	<0.5	<0.5	<5	327.8	129.6	<0.5	<10	<0.01	0.002
REP 3202717	QC																				
3202719	Drill Core	6.75	5.7	57.4	398.2	46461	23.1	9.8	<0.5	80	>40	660	<0.5	<0.5	6	346.3	125.9	<0.5	<10	<0.01	0.003
REP 3202719	QC																				
3202731	Drill Core	6.34	28.2	146.2	4950.1	27956	33.5	41.7	3.1	62	>40	945	<0.5	<0.5	<5	152.4	447.4	<0.5	11	<0.01	<0.001
REP 3202731	QC																				
3202734	Drill Core	6.30	12.6	115.4	2375.1	27811	23.0	45.7	4.9	69	>40	680	0.5	<0.5	<5	164.0	292.9	<0.5	29	<0.01	0.002
REP 3202734	QC																				
3202738	Drill Core	4.81	20.3	317.8	7488.8	90386	54.8	33.3	15.1	196	38.50	951	<0.5	<0.5	<5	490.6	823.7	<0.5	18	<0.01	0.002
REP 3202738	QC																				
3202739	Drill Core	5.47	12.4	2698.9	19885.8	62094	83.5	45.5	114.6	112	38.56	1569	0.9	<0.5	<5	321.7	4892.4	<0.5	27	<0.01	0.001
REP 3202739	QC		12.5	2655.5	19679.9	61168	81.7	45.8	110.7	109	38.16	1545	0.9	<0.5	<5	310.1	4803.6	<0.5	26	<0.01	0.001
3202740	Rock	0.25	1.0	53.4	27.1	113	<0.5	4.5	10.3	418	3.21	<5	1.1	2.9	116	<0.5	6.7	<0.5	111	1.29	0.060
REP 3202740	QC																				
3202747	Drill Core	4.03	7.2	118.2	612.7	23972	11.9	62.5	27.5	107	14.95	707	2.1	<0.5	20	201.3	186.5	<0.5	30	0.03	0.014
REP 3202747	QC																				
Core Reject Duplicates																					
3202655	Drill Core	8.96	<0.5	13.8	24.3	29	<0.5	21.1	3.7	7009	18.36	47	<0.5	<0.5	11	<0.5	12.5	<0.5	39	0.20	0.018
DUP 3202655	QC		0.5	13.8	24.6	31	<0.5	21.4	3.6	7003	18.54	45	<0.5	<0.5	12	<0.5	12.2	<0.5	40	0.21	0.018
3202689	Drill Core	7.18	33.1	76.7	310.9	100	3.9	137.2	14.9	45	4.19	123	29.4	2.4	22	3.9	120.4	<0.5	38	0.02	0.018
DUP 3202689	QC		32.9	73.9	305.8	91	3.9	135.2	13.3	46	4.17	122	29.2	2.3	21	4.1	117.4	<0.5	37	0.02	0.018
3202723	Drill Core	5.71	11.4	46.9	474.1	25666	20.0	27.2	1.4	61	>40	555	1.3	<0.5	7	228.6	131.7	<0.5	<10	<0.01	0.003
DUP 3202723	QC		11.6	46.2	486.6	25086	20.0	26.4	1.5	62	>40	559	1.3	<0.5	8	214.0	131.7	<0.5	<10	<0.01	0.002



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QUALITY CONTROL REPORT

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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
3202704	Drill Core	1.7	12.9	<0.01	483	<0.001	0.26	<0.01	0.09	<0.5	5.77	2.0	4.0	3.88	<5	9	73.79	7.07	4.96	0.03	0.18
REP 3202704	QC																73.87	7.08	4.92	0.03	0.19
3202706	Drill Core	2.2	12.9	<0.01	433	<0.001	0.19	<0.01	0.06	0.5	4.07	2.7	3.2	2.67	<5	7	78.87	4.79	3.61	0.02	0.12
REP 3202706	QC	2.2	12.9	<0.01	419	<0.001	0.20	<0.01	0.06	0.7	4.20	2.6	3.2	2.66	<5	8					
3202714	Drill Core	6.1	25.1	<0.01	797	0.003	4.71	0.02	0.15	<0.5	2.41	5.7	11.0	3.97	7	6	55.75	11.96	8.32	0.32	0.09
REP 3202714	QC																				
3202717	Drill Core	<0.5	3.0	<0.01	196	<0.001	<0.01	<0.01	<0.01	<0.5	110.70	<0.5	22.7	>30	<5	<2	5.70	0.03	56.82	0.02	<0.01
REP 3202717	QC																				
3202719	Drill Core	<0.5	2.3	<0.01	28	<0.001	0.01	<0.01	<0.01	<0.5	108.19	<0.5	20.9	>30	<5	<2	4.07	0.05	58.07	0.03	<0.01
REP 3202719	QC																3.96	0.04	58.40	0.03	<0.01
3202731	Drill Core	<0.5	8.0	<0.01	35	<0.001	<0.01	<0.01	<0.01	<0.5	63.14	<0.5	22.0	>30	5	<2	5.53	0.03	57.66	0.02	<0.01
REP 3202731	QC																				
3202734	Drill Core	<0.5	11.5	<0.01	98	<0.001	0.03	<0.01	<0.01	<0.5	56.03	<0.5	15.0	>30	5	<2	5.10	0.19	58.81	0.03	0.02
REP 3202734	QC																				
3202738	Drill Core	<0.5	12.9	<0.01	48	<0.001	<0.01	<0.01	<0.01	<0.5	160.89	<0.5	13.2	>30	12	3	3.35	0.02	53.90	0.03	<0.01
REP 3202738	QC																3.36	0.02	54.05	0.03	<0.01
3202739	Drill Core	<0.5	19.3	<0.01	71	<0.001	0.01	<0.01	<0.01	<0.5	114.14	<0.5	22.9	>30	9	4	4.73	0.06	53.68	0.01	0.01
REP 3202739	QC	<0.5	17.8	<0.01	52	<0.001	0.02	<0.01	<0.01	<0.5	109.05	<0.5	22.6	>30	8	4					
3202740	Rock	7.6	8.9	0.90	221	0.212	2.26	0.35	0.36	<0.5	0.17	5.5	<0.5	<0.05	6	<2	61.07	16.93	6.32	6.20	2.86
REP 3202740	QC																				
3202747	Drill Core	0.5	33.8	<0.01	149	0.001	0.74	<0.01	0.02	<0.5	39.24	1.7	11.4	17.81	<5	<2	57.98	1.72	21.92	0.05	0.02
REP 3202747	QC																				
Core Reject Duplicates																					
3202655	Drill Core	<0.5	15.3	0.61	46	<0.001	0.30	<0.01	0.03	<0.5	0.09	3.6	<0.5	0.84	<5	<2	54.52	1.47	27.00	0.30	1.06
DUP 3202655	QC	<0.5	18.1	0.62	48	<0.001	0.30	<0.01	0.03	<0.5	0.11	4.0	<0.5	0.85	<5	<2	55.09	1.51	27.34	0.30	1.09
3202689	Drill Core	5.4	18.8	<0.01	279	<0.001	0.34	<0.01	0.13	<0.5	1.59	4.7	3.1	4.54	<5	11	73.27	9.55	6.17	0.04	0.16
DUP 3202689	QC	5.4	19.3	<0.01	280	<0.001	0.34	<0.01	0.13	<0.5	1.55	5.1	3.1	4.56	<5	12	73.18	9.54	6.21	0.04	0.16
3202723	Drill Core	<0.5	4.2	<0.01	174	<0.001	0.02	<0.01	<0.01	<0.5	70.54	<0.5	14.9	>30	<5	<2	4.75	0.10	59.55	0.03	0.02
DUP 3202723	QC	<0.5	4.6	<0.01	31	<0.001	0.02	<0.01	<0.01	<0.5	68.08	<0.5	15.0	>30	<5	2	4.70	0.09	59.61	0.02	<0.01



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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
3202704	Drill Core	1.11	<0.01	0.34	0.02	<0.01	0.50	<0.01	0.01	0.09	10.75	99.02	0.07	6.94	4.05	6.67	0.25	<0.08	2.84	3.60	2.74
REP 3202704	QC	1.12	<0.01	0.33	0.02	<0.01	0.49	<0.01	0.02	0.09	10.75	99.06	0.07								
3202706	Drill Core	0.70	<0.01	0.23	0.01	<0.01	0.42	<0.01	0.01	0.04	10.22	99.14	0.09	7.30	2.77	7.14	0.15	<0.08	2.05	2.15	2.68
REP 3202706	QC																				
3202714	Drill Core	0.65	<0.01	0.57	0.27	<0.01	11.90	<0.01	0.03	0.02	7.03	98.35	0.07	1.81	6.72	1.71	0.09	<0.08	5.23	4.46	3.10
REP 3202714	QC																	0.09			
3202717	Drill Core	<0.01	<0.01	<0.01	<0.01	<0.01	0.06	<0.01	0.05	4.84	30.71	99.47	<0.01	0.25	45.37	0.25	<0.02	<0.08	35.86	28.49	4.71
REP 3202717	QC													0.25	44.75						
3202719	Drill Core	<0.01	0.01	<0.01	<0.01	<0.01	0.06	<0.01	0.03	4.52	31.22	99.17	<0.01	0.22	45.19	0.22	<0.02	<0.08	32.18	38.98	4.76
REP 3202719	QC	<0.01	0.01	<0.01	<0.01	<0.01	0.05	<0.01	0.04	4.53	31.22	99.44	<0.01								4.84
3202731	Drill Core	<0.01	<0.01	<0.01	<0.01	<0.01	0.04	0.01	0.48	2.77	31.13	98.40	<0.01	0.29	47.58	0.29	<0.02	<0.08	29.70	53.57	4.71
REP 3202731	QC																		28.20		
3202734	Drill Core	<0.01	0.01	<0.01	<0.01	<0.01	0.05	<0.01	0.24	2.65	31.43	99.26	<0.01	0.38	46.58	0.38	<0.02	<0.08	27.86	56.09	4.65
REP 3202734	QC																	<0.02			
3202738	Drill Core	<0.01	0.03	<0.01	<0.01	<0.01	0.03	0.02	0.73	8.84	30.05	99.31	<0.01	0.20	46.21	0.21	<0.02	<0.08	34.09	36.31	4.67
REP 3202738	QC	<0.01	0.03	<0.01	<0.01	<0.01	0.03	0.03	0.75	8.83	30.05	99.51	<0.01								
3202739	Drill Core	<0.01	0.01	<0.01	<0.01	<0.01	0.04	0.24	1.94	6.04	29.68	98.23	<0.01	0.26	45.43	0.26	<0.02	<0.08	30.75	43.98	4.68
REP 3202739	QC																				
3202740	Rock	1.50	0.12	0.52	0.13	<0.01	0.06	<0.01	<0.01	0.01	0.82	99.87	0.02	0.03	0.09	0.02	<0.02	<0.08	0.03	0.20	2.80
REP 3202740	QC																		0.03		
3202747	Drill Core	0.04	0.02	0.13	0.03	<0.01	1.73	<0.01	0.07	2.33	12.11	98.98	0.02	0.69	18.05	0.68	<0.02	<0.08	12.86	15.55	3.22
REP 3202747	QC																	<0.08			
Core Reject Duplicates																					
3202655	Drill Core	0.23	0.87	0.06	0.03	<0.01	0.03	<0.01	<0.01	<0.01	13.66	99.25	<0.01	4.45	0.95	0.59	<0.02	14.14	0.47	1.45	3.11
DUP 3202655	QC	0.22	0.89	0.07	0.04	<0.01	0.02	<0.01	<0.01	<0.01	13.62	100.19	<0.01	4.44	0.91	0.55	<0.02	14.23	0.46	1.36	3.11
3202689	Drill Core	1.70	<0.01	0.50	0.04	<0.01	0.39	<0.01	0.04	0.01	7.53	99.54	0.08	3.03	4.66	2.90	0.11	<0.08	3.48	3.51	2.79
DUP 3202689	QC	1.71	0.01	0.48	0.05	<0.01	0.39	<0.01	0.03	<0.01	7.50	99.44	0.08	2.99	4.74	2.86	0.10	<0.08	3.29	4.34	2.84
3202723	Drill Core	<0.01	0.01	<0.01	<0.01	<0.01	0.11	<0.01	0.06	2.55	31.64	99.52	<0.01	0.27	47.34	0.27	<0.02	<0.08	29.64	53.03	4.75
DUP 3202723	QC	<0.01	0.01	<0.01	<0.01	<0.01	0.10	<0.01	0.06	2.36	31.66	99.23	<0.01	0.28	46.70	0.28	<0.02	<0.08	30.16	49.55	4.75



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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
Reference Materials																				
STD AMIS0330	Standard																			
STD AMIS0349	Standard																			
STD AMIS0342	Standard																			
STD AMIS0330	Standard																			
STD AMIS0330	Standard																			
STD AMIS0342	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																			
STD GGC-09	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 GS314-1	Standard																			
STD GS314-1	Standard																			
STD GS314-1	Standard																			
STD GS314-1	Standard																			
STD GS910-4	Standard																			
STD GS910-4	Standard																			
STD GS910-4	Standard																			
STD OREAS135	Standard		8.3	292.9	17652.6	27886	55.3	36.2	30.4	4089	8.91	932	10.1	11.3	27	73.6	39.3	5.4	34	1.84
																				0.088



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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
Reference Materials																					
STD AMIS0330	Standard																				
STD AMIS0349	Standard																				
STD AMIS0342	Standard																				
STD AMIS0330	Standard																				
STD AMIS0330	Standard																				
STD AMIS0342	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																				
STD GGC-09	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 GS314-1	Standard																				
STD GS314-1	Standard																				
STD GS314-1	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD OREAS135	Standard	41.8	22.6	0.84	447	0.028	1.11	0.02	0.49	3.1	1.17	3.9	6.5	7.17	<5	<2					



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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	
Reference Materials																						
STD AMIS0330	Standard																					3.20
STD AMIS0349	Standard																					2.87
STD AMIS0342	Standard																					2.75
STD AMIS0330	Standard																					3.21
STD AMIS0330	Standard																					3.21
STD AMIS0342	Standard																					2.74
STD COO2	Standard																		3.57			
STD COO2	Standard																		3.64			
STD COO2	Standard																		3.70			
STD COO2	Standard																		3.53			
STD COO2	Standard																		3.42			
STD COO2	Standard																		3.51			
STD GGC-09	Standard																2.47					
STD GGC-09	Standard																2.09					
STD GGC-09	Standard																2.33					
STD GGC-10	Standard																5.10					
STD GGC-10	Standard																4.89					
STD GGC-10	Standard																4.80					
STD GS311-1	Standard													0.95	2.43							
STD GS311-1	Standard													0.96	2.44							
STD GS311-1	Standard													0.95	2.47							
STD GS314-1	Standard													1.28	28.32							
STD GS314-1	Standard													1.29	28.32							
STD GS314-1	Standard													1.29	28.61							
STD GS910-4	Standard													2.62	7.97							
STD GS910-4	Standard													2.61	8.22							
STD GS910-4	Standard													2.65	8.25							
STD OREAS135	Standard																					



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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 OREAS133B(D)	Standard																			
STD OREAS133B(D)	Standard																			
STD OREAS133B(D)	Standard																			
STD OREAS133B(D)	Standard																			
STD OREAS605	Standard		4.9	48420.4	907.3	2160	971.2	1555.0	100.7	84	3.71	1725	1.0	2.8	50	15.3	295.1	21.4	<10	0.18
STD OREAS605	Standard		5.1	47941.3	861.6	2180	965.8	1546.3	94.8	79	3.67	1678	0.8	2.4	49	14.7	289.6	19.1	<10	0.18
STD OREAS605	Standard		4.8	47918.9	914.2	2151	958.1	1535.6	101.3	83	3.75	1731	0.9	2.7	55	15.7	298.4	20.1	<10	0.18
STD OREAS72B	Standard																			
STD OREAS72B	Standard																			
STD OREAS72B	Standard																			
STD OREAS72B	Standard																			
STD OREAS927-AR	Standard		1.0	10992.5	229.2	718	4.6	31.4	30.6	1053	8.25	12	1.7	13.4	14	1.0	1.3	70.6	33	0.30
STD OREAS927-AR	Standard		1.1	10658.0	233.4	732	4.7	30.3	30.8	1111	8.21	13	1.8	13.2	13	1.1	1.9	67.8	36	0.32
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 OREAS135 Expected			8.25	294	17000	28000	55.2	36	29.6	3960	8.97	937	9.4	10.4	26.5	67	38	5.1	33.4	1.83
STD OREAS605 Expected			4.75	49800	856	2170	984	1568	96	83.44	3.6707	1674	0.9		49	13.6	290	19	7.8	0.182
STD OREAS927-AR Expected			1.06	10715	203	726	4.9	30.9	29.4	1110	8.15	13.5	1.7	12.5	13.1	1.1	1.3	66	34	0.3
STD AMIS0349 Expected																				
STD SY-4(D) Expected																				
STD OREAS72B Expected																				
STD OREAS133B(D) Expected																				
STD GGC-10 Expected																				



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QUALITY CONTROL REPORT

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		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF725	LF725	LF725	LF725	LF725
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	SiO2	Al2O3	Fe2O3	CaO	MgO
		ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	%	%
		0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01	0.01	0.01	0.01	0.01
STD OREAS133B(D)	Standard																33.53	6.80	11.47	5.25	3.78
STD OREAS133B(D)	Standard																33.60	6.87	11.64	5.31	3.80
STD OREAS133B(D)	Standard																33.73	6.90	11.63	5.33	3.80
STD OREAS133B(D)	Standard																33.60	6.81	11.48	5.23	3.75
STD OREAS605	Standard	7.9	31.4	0.03	211	0.010	0.71	0.03	0.13	6.8	1.58	1.4	16.0	7.82	7	76					
STD OREAS605	Standard	7.6	30.0	0.03	189	0.010	0.68	0.03	0.14	6.9	1.63	1.0	15.3	7.64	6	77					
STD OREAS605	Standard	8.2	31.5	0.03	269	0.011	0.80	0.03	0.14	7.5	1.59	1.5	15.4	7.79	7	79					
STD OREAS72B	Standard																51.03	8.99	9.89	3.99	16.04
STD OREAS72B	Standard																51.08	8.98	9.90	3.98	16.04
STD OREAS72B	Standard																51.16	9.03	9.90	3.96	16.07
STD OREAS72B	Standard																51.09	8.97	9.90	3.96	16.05
STD OREAS927-AR	Standard	25.7	42.8	1.94	44	0.078	3.27	<0.01	0.29	4.9	0.11	5.2	<0.5	1.74	9	16					
STD OREAS927-AR	Standard	30.1	43.5	1.97	56	0.111	3.37	<0.01	0.29	4.7	0.18	5.8	<0.5	1.81	9	16					
STD RTS-3A	Standard																				
STD RTS-3A	Standard																				
STD RTS-3A	Standard																				
STD RTS-3A	Standard																				
STD SY-4(D)	Standard																49.97	20.80	6.22	7.95	0.53
STD SY-4(D)	Standard																49.91	20.79	6.21	8.01	0.54
STD SY-4(D)	Standard																49.90	20.84	6.21	8.02	0.54
STD SY-4(D)	Standard																50.10	20.89	6.20	7.98	0.53
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 AMIS0349 Expected																					
STD SY-4(D) Expected																	49.9	20.69	6.21	8.05	0.54
STD OREAS72B Expected																	51.17	8.97	9.724	3.96	15.933
STD OREAS133B(D) Expected																	33.83	6.91	11.67	5.4	3.73
STD GGC-10 Expected																					



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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 OREAS133B(D)	Standard	3.45	0.16	0.21	0.09	<0.01	0.08	0.03	5.07	11.35	13.03	97.67	0.01								
STD OREAS133B(D)	Standard	3.47	0.16	0.21	0.09	<0.01	0.09	0.03	5.07	11.36	13.03	98.06	<0.01								
STD OREAS133B(D)	Standard	3.45	0.16	0.20	0.09	<0.01	0.08	0.03	5.06	11.39	13.03	98.30	<0.01								
STD OREAS133B(D)	Standard	3.44	0.15	0.22	0.09	<0.01	0.07	0.03	5.07	11.36	13.03	97.73	0.01								
STD OREAS605	Standard																				
STD OREAS605	Standard																				
STD OREAS605	Standard																				
STD OREAS72B	Standard	1.32	0.13	0.35	0.06	0.14	0.03	0.02	<0.01	0.01	5.09	98.38	0.01								
STD OREAS72B	Standard	1.32	0.14	0.35	0.06	0.15	0.03	0.02	<0.01	0.01	5.13	98.49	0.01								
STD OREAS72B	Standard	1.32	0.13	0.35	0.06	0.14	0.03	0.02	<0.01	0.01	5.07	98.58	0.01								
STD OREAS72B	Standard	1.33	0.13	0.35	0.06	0.15	0.03	0.02	<0.01	0.01	5.12	98.51	0.01								
STD OREAS927-AR	Standard																				
STD OREAS927-AR	Standard																				
STD RTS-3A	Standard																		6.82		
STD RTS-3A	Standard																		6.98		
STD RTS-3A	Standard																		6.89		
STD RTS-3A	Standard																		7.07		
STD SY-4(D)	Standard	1.66	0.11	0.30	0.14	<0.01	0.03	<0.01	0.01	0.01	4.56	99.47	<0.01								
STD SY-4(D)	Standard	1.66	0.12	0.30	0.14	<0.01	0.04	<0.01	0.02	0.01	4.56	99.38	<0.01								
STD SY-4(D)	Standard	1.66	0.11	0.30	0.14	<0.01	0.03	<0.01	0.02	0.01	4.56	99.51	<0.01								
STD SY-4(D)	Standard	1.66	0.11	0.30	0.14	<0.01	0.04	<0.01	0.02	0.01	4.56	99.66	<0.01								
STD OREAS135 Expected																					
STD OREAS605 Expected																					
STD OREAS927-AR Expected																					
STD AMIS0349 Expected																					2.77
STD SY-4(D) Expected		1.66	0.108	0.287	0.131		0.0345				4.56										
STD OREAS72B Expected		1.313	0.13	0.355	0.061	0.142	0.0335	0.0193			5.12										
STD OREAS133B(D) Expected							0.08	0.032	5.06	11.35											
STD GGC-10 Expected																				4.79	



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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 AMIS0330 Expected																				
STD AMIS0342 Expected																				
STD GS311-1 Expected																				
STD GS910-4 Expected																				
STD GS314-1 Expected																				
STD COO2 Expected																				
STD RTS-3A Expected																				
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		<0.5	<0.5	0.6	<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																			
SI BLK	Blank																			
SI BLK	Blank																			
SI BLK	Blank																			
SI BLK	Blank																			
BLK	Blank																			
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BLK	Blank																			
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BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
Prep Wash																				



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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 Expected																					
STD AMIS0330 Expected																					
STD AMIS0342 Expected																					
STD GS311-1 Expected																					
STD GS910-4 Expected																					
STD GS314-1 Expected																					
STD COO2 Expected																					
STD RTS-3A Expected																					
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	<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																				
SI BLK	Blank															98.96	0.30	0.01	0.02	<0.01	
SI BLK	Blank															98.55	0.31	0.01	0.02	0.02	
SI BLK	Blank															98.40	0.31	<0.01	0.02	0.01	
SI BLK	Blank															99.08	0.32	0.01	0.02	<0.01	
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					



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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 AMIS0330 Expected		3.21																					
STD AMIS0342 Expected		2.67																					
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 COO2 Expected		3.43																					
STD RTS-3A Expected		7																					
BLK	Blank																						
BLK	Blank																						
BLK	Blank																						
BLK	Blank	<0.02																					
BLK	Blank	<0.02																					
SI BLK	Blank	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.00	99.26	<0.01										
SI BLK	Blank	<0.01	<0.01	0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	0.00	98.94	<0.01										
SI BLK	Blank	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.00	98.72	<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	99.43	<0.01										
BLK	Blank													<0.02	<0.02								
BLK	Blank													<0.02	<0.02								
BLK	Blank																<0.02						
BLK	Blank																<0.02						
BLK	Blank																<0.02	<0.02					
BLK	Blank																<0.08						
BLK	Blank																<0.08						
BLK	Blank																<0.02						
BLK	Blank																0.08						
BLK	Blank																<0.08						
BLK	Blank																<0.02						
Prep Wash																							



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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
ROCK-WHI	Prep Blank		0.9	1.6	1.4	30	<0.5	1.4	3.4	453	1.87	<5	0.5	2.3	23	<0.5	<0.5	<0.5	23	0.55	0.039
ROCK-WHI	Prep Blank		0.6	1.3	1.1	28	<0.5	0.8	3.9	451	1.82	<5	<0.5	2.6	22	<0.5	<0.5	<0.5	23	0.57	0.040



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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
ROCK-WHI	Prep Blank	6.2	4.0	0.47	60	0.094	0.81	0.09	0.10	<0.5	<0.05	3.6	<0.5	<0.05	<5	<2	70.50	14.16	3.25	2.34	0.91
ROCK-WHI	Prep Blank	6.1	3.4	0.49	53	0.090	0.85	0.09	0.10	<0.5	<0.05	3.3	<0.5	<0.05	<5	<2	70.81	14.18	3.17	2.40	0.88



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		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
ROCK-WHI	Prep Blank	2.07	0.09	0.35	0.10	<0.01	0.08	<0.01	<0.01	<0.01	0.83	99.16	0.01	0.07	<0.02	<0.02	<0.02	0.22	<0.02	<0.15	2.72
ROCK-WHI	Prep Blank	1.98	0.09	0.36	0.09	<0.01	0.06	<0.01	<0.01	<0.01	0.89	99.52	<0.01	0.07	<0.02	<0.02	<0.02	0.24	<0.02	<0.15	2.71