



BUREAU MINERAL LABORATORIES
VERITAS Canada

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

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

Submitted By: Confirmation & Email Distribution List
Receiving Lab: Canada-Whitehorse
Received: September 18, 2019
Report Date: November 23, 2019
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CERTIFICATE OF ANALYSIS

WHI19000556.2

CLIENT JOB INFORMATION

Project: MacMillan Pass
Shipment ID: FWZ-19-BV-027
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	135	Crush, split and pulverize 500g rock to 200 mesh			WHI
SLBHP	3	Sort, label and box pulps			WHI
CRUBW	135	Extra clean rock wash between samples in crusher			WHI
PULSW	135	Extra Wash with Silica between each sample			WHI
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
TC009	138	Sulfide and Sulfate	0.1	Completed	VAN
SHP01	138	Per sample shipping charges for branch shipments			VAN
LF726	9	Li2B4O7/LiBO2 fusion, analysis by XRF		Completed	VAN
GC204	13	HF + AR digestion, analyzed by ICP & MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS

Version 2 : GC204-Ga Ge included. V2O5 from LF725 is Qualitative Data only. TC000 results revised for sample "3206634" and "3206635".



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



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	Method Analyte Unit MDL	WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
3206622	Drill Core	2.35	<0.5	583.7	2885.1	>200000	144.4	65.6	26.9	207	4.07	289	<0.5	<0.5	10	2143.6	567.7	<0.5	<10	0.02	<0.001
3206623	Drill Core	1.85	1.1	149.9	1558.5	188015	36.3	58.9	8.9	950	6.61	187	<0.5	0.6	40	608.3	160.5	<0.5	23	0.10	0.035
3206624	Drill Core	2.00	1.6	234.9	417.5	161762	34.1	49.1	16.1	1423	6.43	110	0.9	1.1	60	592.8	105.3	<0.5	47	0.11	0.047
3206625	Drill Core	2.47	2.0	21.8	64.9	9156	1.3	54.7	11.7	2842	9.68	92	1.9	1.3	64	48.0	15.3	<0.5	83	0.16	0.050
3206626	Drill Core	1.27	1.4	18.2	26.0	4462	0.5	48.8	13.5	2701	8.78	56	0.9	1.1	66	25.0	8.5	<0.5	61	0.16	0.043
3206627	Drill Core	2.15	1.9	90.6	72.2	24289	2.9	77.6	18.3	2043	8.33	107	4.2	1.3	89	162.4	22.0	<0.5	111	0.16	0.071
3206628	Drill Core	2.57	1.7	47.3	148.7	12768	2.5	64.4	14.8	1652	8.31	150	1.2	1.4	64	72.5	22.1	<0.5	66	0.14	0.051
3206629	Drill Core	1.97	2.2	75.2	72.3	10638	5.0	55.8	13.7	1479	5.23	50	0.8	1.7	76	59.0	43.9	<0.5	46	0.14	0.043
3206630	Drill Core	2.10	1.6	120.6	643.7	45174	5.0	87.9	15.2	2344	11.35	214	1.5	1.1	45	260.7	36.9	<0.5	71	0.16	0.041
3206631	Drill Core	1.97	1.9	160.6	10098.5	58171	20.7	81.9	18.4	1218	6.28	151	0.6	2.0	77	277.6	57.3	0.7	34	0.16	0.056
3206632	Drill Core	1.56	1.8	32.0	3435.1	16361	5.4	47.2	11.2	1187	5.00	55	0.6	2.3	75	93.1	47.4	0.6	37	0.15	0.052
3206633	Drill Core	2.30	1.9	112.4	9988.7	94048	13.3	53.1	19.1	80	1.32	101	0.5	2.1	52	417.9	168.7	0.5	14	0.10	0.041
3206634	Drill Core	1.93	2.9	100.1	6793.6	53901	14.5	70.9	33.4	60	1.39	115	0.6	1.7	52	226.0	89.1	0.6	15	0.10	0.041
3206635	Drill Core	1.82	4.0	48.4	3551.0	25899	8.1	54.3	14.3	155	2.15	84	0.7	1.8	46	112.8	42.1	0.5	21	0.08	0.032
3206636	Drill Core	1.85	3.7	78.3	1002.9	55412	6.2	70.0	22.6	1372	6.43	137	0.6	1.3	25	162.8	42.1	<0.5	30	0.08	0.022
3206637	Drill Core	3.22	<0.5	126.5	7421.2	>200000	36.2	77.5	6.9	1169	4.77	107	1.1	0.5	23	1735.3	95.1	<0.5	42	0.07	0.020
3206638	Drill Core	2.64	<0.5	163.6	9752.9	>200000	88.3	25.3	8.9	343	1.94	47	<0.5	<0.5	7	4083.1	136.7	<0.5	<10	0.02	<0.001
3206639	Drill Core	2.76	<0.5	116.3	27495.0	>200000	70.2	31.1	6.9	444	2.61	59	<0.5	<0.5	7	4453.1	226.4	2.1	<10	0.02	0.002
3206640	Rock	1.05	0.9	55.1	42.3	569	<0.5	4.5	9.4	399	3.02	<5	0.9	2.3	78	5.4	<0.5	<0.5	103	1.00	0.055
3206641	Drill Core	2.35	0.6	175.0	4906.8	>200000	19.3	106.2	58.2	3628	10.20	263	<0.5	0.5	11	1914.9	90.1	<0.5	21	0.11	0.010
3206642	Drill Core	2.16	0.6	129.3	4660.0	>200000	16.9	87.9	60.0	3815	10.69	239	<0.5	<0.5	14	1768.9	79.3	<0.5	21	0.13	0.018
3206643	Drill Core	2.45	<0.5	453.1	6103.9	>200000	39.3	688.8	32.5	2898	9.59	970	<0.5	<0.5	7	3475.4	299.6	<0.5	23	0.07	0.026
3206644	Drill Core	2.65	<0.5	293.6	4163.3	>200000	19.5	6103.0	39.8	4173	10.97	7250	<0.5	<0.5	<5	2420.0	1814.7	<0.5	12	0.06	<0.001
3206645	Drill Core	2.28	<0.5	820.7	2065.1	>200000	61.2	3277.9	57.6	363	2.93	4017	<0.5	<0.5	13	2512.9	1221.2	<0.5	<10	0.02	0.005
3206646	Drill Core	1.97	<0.5	185.1	2335.9	>200000	14.7	1545.9	21.9	4337	11.30	2043	<0.5	<0.5	23	1626.5	463.1	<0.5	40	0.16	0.025
3206647	Drill Core	2.74	<0.5	463.0	2269.3	>200000	33.4	3267.9	98.7	2236	8.35	3890	<0.5	<0.5	24	2449.2	1428.3	<0.5	34	0.09	0.033
3206648	Drill Core	1.81	<0.5	43.3	106.9	5428	0.9	231.2	25.8	9894	26.86	351	0.7	0.6	25	37.1	41.6	<0.5	91	0.37	0.048
3206649	Drill Core	2.44	1.4	120.9	193.0	71055	4.0	212.4	26.8	8335	21.10	307	0.9	<0.5	35	438.3	35.1	<0.5	110	0.31	0.049
3206650	Drill Core	2.37	44.3	33.3	108.2	415	1.1	132.3	8.9	4647	11.36	191	5.3	<0.5	25	2.3	27.9	<0.5	106	0.10	0.020
3206651	Drill Core	1.83	32.3	34.9	154.2	176	2.6	121.6	6.5	108	18.52	520	3.5	<0.5	23	3.1	39.6	<0.5	34	0.06	0.032



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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
3206622	Drill Core	<0.5	<0.5	0.03	60	<0.001	0.06	<0.01	<0.01	<0.5	595.61	<0.5	7.5	25.30	105	<2	11.00	0.38	5.54	0.05	0.05
3206623	Drill Core	0.5	11.8	0.10	81	<0.001	0.14	<0.01	0.03	<0.5	205.86	2.1	4.2	12.84	19	2	54.45	1.67	9.08	0.18	0.22
3206624	Drill Core	1.3	20.8	0.19	404	0.002	0.61	<0.01	0.07	<0.5	179.50	4.3	1.6	9.84	26	3	55.62	4.37	8.88	0.17	0.33
3206625	Drill Core	1.8	22.3	0.37	239	0.001	0.66	<0.01	0.09	<0.5	7.05	5.2	0.9	1.57	<5	<2	67.67	5.77	13.96	0.25	0.64
3206626	Drill Core	1.5	19.4	0.29	251	<0.001	0.44	<0.01	0.07	<0.5	4.84	5.8	<0.5	0.53	<5	<2	67.75	7.56	12.69	0.26	0.61
3206627	Drill Core	1.7	29.2	0.23	247	0.001	1.08	<0.01	0.08	<0.5	18.02	6.3	1.4	2.82	<5	<2	65.32	8.18	11.89	0.25	0.50
3206628	Drill Core	1.5	21.0	0.20	262	0.001	0.75	<0.01	0.09	<0.5	8.60	5.5	1.3	3.69	<5	<2	67.89	7.87	12.01	0.23	0.44
3206629	Drill Core	2.4	17.0	0.18	583	0.001	0.57	<0.01	0.13	<0.5	8.31	4.4	0.7	1.11	<5	<2	71.87	9.77	7.36	0.23	0.42
3206630	Drill Core	1.2	19.8	0.30	529	<0.001	0.56	<0.01	0.07	<0.5	34.08	5.7	3.0	5.88	9	<2	59.29	5.20	16.20	0.26	0.63
3206631	Drill Core	2.4	12.6	0.18	400	0.001	0.62	<0.01	0.12	<0.5	48.41	4.1	2.6	5.28	12	<2	62.06	9.85	8.90	0.25	0.42
3206632	Drill Core	2.9	15.5	0.21	399	0.001	0.74	<0.01	0.11	<0.5	12.29	4.9	0.7	1.32	<5	<2	70.21	9.79	7.03	0.24	0.48
3206633	Drill Core	2.7	5.0	0.02	450	0.001	0.30	<0.01	0.11	<0.5	80.79	1.8	0.8	5.69	11	<2	68.73	8.46	1.94	0.16	0.14
3206634	Drill Core	2.4	5.1	0.02	485	<0.001	0.30	<0.01	0.11	<0.5	46.03	1.1	0.9	3.96	11	<2	72.97	9.21	2.07	0.17	0.14
3206635	Drill Core	2.3	7.3	0.04	533	0.001	0.43	<0.01	0.11	<0.5	21.31	2.2	1.7	2.87	<5	<2	77.17	8.81	3.18	0.14	0.19
3206636	Drill Core	1.4	9.7	0.19	370	0.001	0.35	<0.01	0.09	<0.5	45.47	4.0	1.9	4.78	13	<2	66.33	6.39	8.98	0.15	0.42
3206637	Drill Core	0.5	4.9	0.17	347	<0.001	0.43	<0.01	0.07	<0.5	239.41	4.4	2.3	12.10	<5	<2	46.26	5.15	6.62	0.13	0.36
3206638	Drill Core	<0.5	6.1	0.05	96	<0.001	0.08	<0.01	0.02	<0.5	456.57	4.7	2.4	25.70	91	15	13.07	1.41	2.60	0.06	0.11
3206639	Drill Core	<0.5	2.9	0.06	95	<0.001	0.05	<0.01	0.02	<0.5	574.40	1.6	5.8	25.18	81	<2	6.94	1.02	3.61	0.06	0.10
3206640	Rock	6.1	5.2	0.85	168	0.179	1.82	0.23	0.27	<0.5	1.63	5.6	<0.5	0.05	6	<2	60.61	16.85	6.29	6.27	2.85
3206641	Drill Core	0.6	6.9	0.36	298	<0.001	0.13	<0.01	0.05	<0.5	188.41	4.8	2.1	11.74	10	<2	35.66	3.48	14.40	0.17	0.68
3206642	Drill Core	0.7	7.4	0.37	285	<0.001	0.14	<0.01	0.05	<0.5	171.83	5.8	1.9	10.50	12	4	37.61	3.84	14.82	0.21	0.72
3206643	Drill Core	<0.5	4.8	0.39	210	<0.001	0.14	<0.01	0.03	<0.5	352.49	7.1	2.7	21.99	5	<2	9.49	1.68	13.32	0.12	0.75
3206644	Drill Core	<0.5	<0.5	0.70	12	<0.001	0.03	<0.01	<0.01	<0.5	322.62	7.3	3.9	13.54	80	12	3.33	0.08	15.52	0.11	1.16
3206645	Drill Core	<0.5	<0.5	0.07	200	<0.001	0.04	<0.01	<0.01	<0.5	410.61	10.1	12.4	13.59	120	6	0.59	0.09	4.10	0.05	0.14
3206646	Drill Core	<0.5	50.2	0.36	199	0.001	0.21	<0.01	0.01	<0.5	218.89	4.3	5.1	9.76	25	5	19.20	1.53	16.33	0.24	0.72
3206647	Drill Core	<0.5	7.0	0.29	247	<0.001	0.22	<0.01	0.05	<0.5	283.28	8.6	4.2	21.86	36	7	10.50	2.25	11.85	0.15	0.55
3206648	Drill Core	<0.5	177.4	0.90	525	0.002	0.27	<0.01	0.04	<0.5	3.61	15.7	<0.5	0.62	<5	<2	27.24	3.30	41.62	0.57	1.56
3206649	Drill Core	0.7	141.1	0.71	662	0.002	0.59	<0.01	0.04	<0.5	34.82	11.9	0.6	4.21	12	<2	29.53	5.19	32.02	0.46	1.24
3206650	Drill Core	<0.5	7.3	0.33	293	0.003	0.32	<0.01	0.04	<0.5	0.37	2.6	1.0	0.91	<5	<2	68.81	2.39	16.45	0.18	0.53
3206651	Drill Core	<0.5	4.0	<0.01	267	<0.001	0.13	<0.01	0.03	<0.5	0.36	0.8	0.8	21.43	<5	<2	54.51	1.65	27.23	0.11	0.02



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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	TC008	TC008	LF726
		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	Zn
		%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		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	0.05	0.05
3206622	Drill Core	0.06	0.03	0.01	0.01	<0.01	<0.01	0.04	0.29	>24	15.30	100.44	<0.01	0.19	29.07	0.08	<0.02	0.36	22.25	20.47	54.6
3206623	Drill Core	0.29	0.13	0.20	0.10	<0.01	0.06	<0.01	0.16	19.54	9.01	100.02	0.02	0.96	12.97	0.36	<0.02	2.15	4.52	25.35	
3206624	Drill Core	0.56	0.17	0.33	0.10	<0.01	0.19	0.01	0.04	16.87	8.48	100.39	0.03	1.21	9.84	0.46	<0.02	2.68	2.58	21.76	
3206625	Drill Core	0.84	0.35	0.43	0.11	<0.01	0.26	<0.01	<0.01	0.90	8.27	99.76	0.03	2.37	1.50	0.59	<0.02	6.48	0.54	2.87	
3206626	Drill Core	1.08	0.34	0.45	0.12	0.01	0.32	<0.01	<0.01	0.43	8.04	99.92	0.03	2.41	0.50	0.64	0.02	6.44	<0.05	2.24	
3206627	Drill Core	1.07	0.27	0.50	0.18	0.01	0.31	<0.01	<0.01	2.32	7.82	99.31	0.04	1.85	2.65	0.60	<0.02	4.54	1.15	4.51	
3206628	Drill Core	1.18	0.22	0.52	0.12	0.02	0.33	<0.01	0.01	1.24	7.52	100.04	0.03	1.63	3.45	0.59	0.03	3.72	2.41	3.10	
3206629	Drill Core	1.67	0.19	0.61	0.12	0.02	0.49	<0.01	<0.01	1.00	5.72	99.87	0.04	1.54	1.04	0.64	0.03	3.20	0.35	2.07	
3206630	Drill Core	0.87	0.32	0.42	0.10	0.01	0.31	<0.01	0.05	4.66	9.91	99.50	0.03	2.27	5.87	0.67	0.02	5.79	3.14	8.21	
3206631	Drill Core	1.81	0.17	0.62	0.15	0.02	0.54	<0.01	0.99	5.96	6.81	100.33	0.04	1.33	5.09	0.61	<0.02	2.57	2.04	9.14	
3206632	Drill Core	1.72	0.16	0.63	0.14	0.02	0.55	<0.01	0.32	1.51	5.23	98.59	0.04	1.50	1.27	0.76	0.06	2.50	0.32	2.84	
3206633	Drill Core	1.65	0.02	0.59	0.11	0.02	0.57	<0.01	0.91	9.35	4.62	99.94	0.03	0.54	5.42	0.46	0.02	0.19	3.72	5.10	
3206634	Drill Core	1.80	0.02	0.53	0.11	0.01	0.68	<0.01	0.63	5.40	4.08	99.40	0.04	0.60	4.20	0.54	0.03	0.12	2.60	4.79	
3206635	Drill Core	1.70	0.03	0.56	0.09	0.02	0.65	<0.01	0.34	2.66	3.71	100.14	0.04	0.71	2.95	0.59	0.03	0.35	1.70	3.77	
3206636	Drill Core	1.19	0.19	0.44	0.06	0.02	0.49	<0.01	0.09	5.60	6.75	98.63	0.03	1.55	4.57	0.67	0.02	3.13	1.40	9.50	
3206637	Drill Core	0.90	0.15	0.32	0.07	<0.01	0.40	<0.01	0.72	23.28	9.88	100.24	0.03	1.18	12.08	0.48	<0.02	2.50	4.33	23.25	
3206638	Drill Core	0.29	0.06	0.08	0.01	<0.01	0.07	<0.01	0.91	>24	14.43	100.16	<0.01	0.32	25.15	0.16	<0.02	0.58	14.37	32.34	53.6
3206639	Drill Core	0.22	0.06	0.05	<0.01	<0.01	0.07	<0.01	2.73	>24	15.22	100.54	<0.01	0.35	28.63	0.15	<0.02	0.76	20.04	25.77	56.8
3206640	Rock	1.46	0.14	0.54	0.14	<0.01	0.06	<0.01	<0.01	0.08	0.84	99.43	0.03	0.03	0.03	0.03	<0.02	<0.08	<0.05	0.57	
3206641	Drill Core	0.66	0.45	0.19	0.02	<0.01	0.37	<0.01	0.47	>24	13.59	100.49	0.01	2.49	11.55	0.59	<0.02	6.96	0.58	32.91	25.0
3206642	Drill Core	0.71	0.46	0.20	0.04	<0.01	0.41	<0.01	0.45	21.27	13.41	99.66	0.01	2.65	10.71	0.56	<0.02	7.63	0.73	29.94	
3206643	Drill Core	0.33	0.35	0.11	<0.01	<0.01	0.12	0.04	0.58	>24	17.67	100.60	0.01	2.22	22.15	0.48	<0.02	6.36	12.35	29.42	44.7
3206644	Drill Core	0.02	0.50	<0.01	<0.01	<0.01	<0.01	0.02	0.42	>24	19.20	99.43	<0.01	2.67	24.06	0.47	<0.02	8.04	9.98	42.24	46.1
3206645	Drill Core	0.02	0.06	<0.01	0.02	<0.01	<0.01	0.07	0.20	>24	16.60	100.10	<0.01	0.35	28.80	0.08	<0.02	0.99	21.18	22.85	>60
3206646	Drill Core	0.19	0.54	0.30	0.08	0.02	0.15	0.02	0.25	>24	16.78	100.47	0.01	2.71	17.76	0.50	<0.02	8.07	5.05	38.13	34.3
3206647	Drill Core	0.36	0.28	0.12	0.05	<0.01	0.23	0.04	0.23	>24	16.81	99.08	0.02	1.83	22.85	0.39	<0.02	5.26	9.82	39.09	44.6
3206648	Drill Core	0.43	1.26	0.85	0.12	0.06	0.50	<0.01	0.01	0.57	21.83	100.15	0.03	7.08	0.54	0.70	<0.02	23.33	<0.05	3.00	
3206649	Drill Core	0.62	1.02	0.97	0.12	0.06	0.69	<0.01	0.01	7.35	18.89	100.19	0.03	5.35	4.04	0.69	<0.02	17.05	<0.05	12.48	
3206650	Drill Core	0.33	0.60	0.11	0.05	<0.01	0.24	<0.01	<0.01	0.04	10.59	100.35	0.06	4.45	0.89	1.73	0.45	8.33	0.31	1.74	
3206651	Drill Core	0.28	0.02	0.07	0.07	<0.01	0.21	<0.01	0.01	0.01	15.31	99.56	0.06	1.52	21.05	1.41	0.10	<0.08	20.78	0.81	



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Vancouver British Columbia V5C 2V6 Canada

Project: MacMillan Pass
Report Date: November 23, 2019

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CERTIFICATE OF ANALYSIS

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Method	GC204	GC204
Analyte	Ga	Ge
Unit	ppm	ppm
MDL	1	1
3206622	Drill Core	
3206623	Drill Core	17 105
3206624	Drill Core	21 79
3206625	Drill Core	
3206626	Drill Core	
3206627	Drill Core	
3206628	Drill Core	
3206629	Drill Core	17 20
3206630	Drill Core	
3206631	Drill Core	
3206632	Drill Core	
3206633	Drill Core	
3206634	Drill Core	
3206635	Drill Core	
3206636	Drill Core	
3206637	Drill Core	
3206638	Drill Core	7 243
3206639	Drill Core	5 354
3206640	Rock	
3206641	Drill Core	9 138
3206642	Drill Core	
3206643	Drill Core	10 145
3206644	Drill Core	11 135
3206645	Drill Core	22 115
3206646	Drill Core	19 59
3206647	Drill Core	19 127
3206648	Drill Core	
3206649	Drill Core	
3206650	Drill Core	
3206651	Drill Core	



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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
3206652	Drill Core	2.14	45.4	57.9	505.4	2324	2.9	146.3	7.4	140	19.11	325	5.4	<0.5	13	13.3	50.3	<0.5	37	0.04	0.019
3206653	Drill Core	2.48	24.7	218.5	7344.6	13698	11.8	191.6	25.5	63	14.61	521	4.0	1.1	56	55.7	159.3	0.5	50	0.08	0.064
3206654	Drill Core	1.42	24.8	39.4	1221.3	7023	6.4	182.8	20.2	37	7.77	288	4.6	1.2	304	24.6	122.0	<0.5	64	0.07	0.089
3206655	Drill Core	1.59	12.0	49.6	868.0	6877	7.3	97.5	8.5	39	17.72	412	2.6	0.7	221	24.9	132.4	<0.5	29	0.06	0.053
3206656	Drill Core	1.67	12.8	46.2	815.4	24519	6.2	85.1	9.4	53	15.05	348	3.2	0.6	129	78.9	126.1	<0.5	37	0.17	0.098
3206657	Drill Core	2.18	22.5	29.9	1011.3	4410	8.0	127.7	16.3	51	12.63	278	3.6	1.2	66	12.0	170.5	<0.5	37	0.03	0.026
3206658	Drill Core	1.80	2.1	44.4	13613.3	83079	9.0	10.3	2.5	24	1.13	51	1.7	<0.5	18	186.1	5335.9	<0.5	<10	<0.01	0.009
3206659	Drill Core	1.74	27.8	28.3	1046.8	3609	3.8	83.1	7.6	65	6.58	144	2.4	0.8	33	8.5	265.2	<0.5	23	0.04	0.024
3206660	Rock Pulp	0.05	2.4	219.2	17570.1	29476	30.3	23.4	20.3	1722	5.33	80	1.6	6.3	20	86.1	39.6	<0.5	11	5.11	0.054
3206661	Drill Core	1.87	27.2	49.8	6563.3	45313	16.5	127.6	12.7	38	5.12	253	4.0	1.5	61	124.1	130.9	<0.5	47	0.03	0.022
3206662	Drill Core	1.52	26.9	55.8	419.4	1477	4.6	173.6	17.8	44	6.52	257	3.6	2.0	46	4.1	117.2	<0.5	38	0.03	0.018
3206663	Drill Core	1.26	27.4	55.7	1583.5	2450	5.6	140.9	12.1	31	8.03	220	2.9	1.8	24	7.7	136.5	<0.5	33	0.02	0.010
3206664	Drill Core	2.15	6.8	59.4	5350.0	6404	13.1	78.7	8.2	49	23.68	327	1.9	<0.5	40	26.1	158.4	<0.5	22	0.09	0.040
3206665	Drill Core	2.13	5.9	61.1	7291.5	4433	14.8	78.4	7.7	42	22.58	334	1.8	<0.5	43	20.4	179.2	<0.5	20	0.11	0.054
3206666	Drill Core	1.32	11.0	172.3	7999.9	145331	17.2	117.2	15.6	95	6.20	185	3.4	0.7	79	843.5	139.8	<0.5	21	0.15	0.075
3206667	Drill Core	2.07	17.5	45.4	6621.1	2885	10.6	125.6	11.0	48	5.15	240	3.5	0.7	159	12.3	101.6	<0.5	32	0.25	0.120
3206668	Drill Core	2.41	13.2	68.0	6548.1	27956	8.9	80.3	8.6	50	7.40	314	3.0	0.7	165	87.3	119.4	<0.5	30	0.27	0.116
3206669	Drill Core	1.88	18.8	51.7	>40000	11507	52.6	88.7	11.6	51	9.18	283	1.4	<0.5	33	30.1	230.6	<0.5	15	0.07	0.036
3206670	Drill Core	2.24	11.1	47.4	5302.6	653	7.8	96.0	10.4	42	7.66	215	2.2	<0.5	70	1.8	129.2	<0.5	20	0.07	0.031
3206671	Drill Core	1.98	16.4	86.4	5298.3	32304	9.2	95.2	11.1	54	10.73	304	2.7	0.6	50	106.9	150.1	<0.5	25	0.05	0.027
3206672	Drill Core	1.93	26.0	107.1	4968.8	40499	9.1	134.0	9.2	53	12.24	384	7.4	<0.5	98	175.2	161.0	<0.5	83	0.10	0.052
3206673	Drill Core	1.95	146.8	59.7	3734.0	7638	7.0	360.8	8.4	54	7.68	365	23.4	<0.5	76	31.3	129.5	<0.5	392	0.10	0.051
3206674	Drill Core	1.85	29.2	45.8	5716.2	250	9.0	162.8	12.9	57	13.65	367	5.0	<0.5	106	1.1	121.0	<0.5	69	0.15	0.072
3206675	Drill Core	2.51	19.9	64.7	26895.8	4212	34.0	127.5	14.1	64	14.09	343	3.5	<0.5	67	16.9	254.6	<0.5	41	0.10	0.049
3206676	Drill Core	2.46	9.3	110.3	>40000	11174	67.7	132.4	22.0	65	18.46	824	1.3	<0.5	154	65.6	350.4	<0.5	32	0.40	0.183
3206677	Drill Core	1.69	13.9	41.6	27291.8	5294	31.7	175.2	24.8	44	9.93	220	2.7	<0.5	75	30.9	114.1	<0.5	37	0.08	0.058
3206678	Drill Core	2.26	6.4	92.7	20871.4	10795	32.7	124.5	37.6	128	21.60	414	8.9	<0.5	64	91.4	168.7	<0.5	108	0.03	0.053
3206679	Drill Core	2.32	29.1	87.1	6597.1	19544	10.3	96.6	7.9	49	14.40	291	5.3	<0.5	44	105.1	134.4	<0.5	73	0.05	0.034
3206680	Rock	1.08	1.5	50.6	19.8	59	<0.5	3.7	9.1	424	3.02	<5	1.0	2.5	96	<0.5	<0.5	<0.5	105	1.02	0.067
3206681	Drill Core	1.50	37.0	67.8	4496.6	11099	7.9	128.9	21.1	38	16.51	287	70.6	1.0	194	465.9	108.5	<0.5	87	0.03	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
3206652	Drill Core	<0.5	5.1	<0.01	76	<0.001	0.10	<0.01	0.03	<0.5	2.01	1.4	0.9	22.34	<5	2	51.55	1.99	28.66	0.09	0.06
3206653	Drill Core	1.3	25.3	<0.01	96	<0.001	0.31	<0.01	0.04	<0.5	11.52	1.8	6.1	17.58	<5	3	49.26	7.48	21.33	0.14	0.08
3206654	Drill Core	1.5	34.9	<0.01	433	<0.001	0.41	<0.01	0.04	<0.5	10.74	2.4	6.8	9.17	<5	<2	65.86	7.62	11.51	0.13	0.08
3206655	Drill Core	<0.5	14.5	<0.01	134	<0.001	0.18	<0.01	0.02	<0.5	8.09	0.7	3.6	21.64	<5	<2	52.46	1.29	27.29	0.10	<0.01
3206656	Drill Core	0.8	17.9	<0.01	206	0.001	0.24	<0.01	0.05	<0.5	24.87	0.9	7.4	18.76	<5	4	54.31	3.02	22.93	0.26	0.05
3206657	Drill Core	1.7	22.2	<0.01	265	<0.001	0.19	<0.01	0.04	<0.5	6.74	0.9	4.0	15.08	<5	3	60.84	3.26	19.59	0.05	0.05
3206658	Drill Core	<0.5	2.2	<0.01	215	<0.001	0.03	<0.01	<0.01	<0.5	107.74	<0.5	2.0	5.36	<5	3	82.57	0.31	1.58	0.02	<0.01
3206659	Drill Core	1.3	11.8	<0.01	291	<0.001	0.11	<0.01	0.04	<0.5	8.07	0.7	2.9	7.60	<5	3	79.15	1.78	9.94	0.07	0.05
3206660	Rock Pulp	21.8	13.7	2.74	119	0.016	0.94	0.01	0.68	0.6	1.39	3.1	26.0	4.79	<5	<2	43.86	8.68	8.22	7.40	5.32
3206661	Drill Core	2.6	15.0	<0.01	511	0.004	0.37	<0.01	0.07	<0.5	71.11	1.1	6.7	7.94	<5	5	67.09	7.42	7.58	0.06	0.10
3206662	Drill Core	3.7	17.0	<0.01	724	0.002	0.38	<0.01	0.09	<0.5	5.35	1.2	5.5	7.72	<5	2	68.28	9.24	9.78	0.06	0.13
3206663	Drill Core	3.8	11.8	<0.01	469	<0.001	0.29	<0.01	0.07	<0.5	6.21	1.0	6.5	9.59	<5	4	65.18	8.31	12.21	0.05	0.14
3206664	Drill Core	0.6	28.0	<0.01	103	0.001	0.09	<0.01	0.03	<0.5	14.82	0.7	6.3	29.43	<5	<2	39.05	1.18	37.93	0.15	0.03
3206665	Drill Core	0.6	23.7	<0.01	128	0.001	0.09	<0.01	0.03	<0.5	12.84	0.6	4.8	27.71	<5	2	41.95	1.24	35.54	0.17	0.03
3206666	Drill Core	1.3	20.4	<0.01	315	0.002	0.13	<0.01	0.04	<0.5	307.45	0.8	2.6	13.61	21	6	59.34	2.10	8.57	0.23	0.04
3206667	Drill Core	1.3	20.6	<0.01	837	0.002	0.29	<0.01	0.08	<0.5	9.28	1.0	1.8	6.01	<5	4	76.77	4.92	7.40	0.33	0.10
3206668	Drill Core	1.2	19.2	<0.01	496	0.001	0.25	<0.01	0.07	<0.5	55.68	1.1	4.2	9.84	<5	3	68.78	4.70	10.80	0.39	0.09
3206669	Drill Core	1.0	18.0	<0.01	397	<0.001	0.14	<0.01	0.04	<0.5	24.75	0.5	6.0	11.31	<5	3	69.36	2.08	13.23	0.12	0.04
3206670	Drill Core	1.1	18.0	<0.01	435	<0.001	0.16	<0.01	0.05	<0.5	4.98	0.7	3.1	8.97	<5	2	74.72	3.13	11.49	0.12	0.06
3206671	Drill Core	1.4	16.7	<0.01	317	0.001	0.17	<0.01	0.05	<0.5	67.19	0.7	4.2	13.97	<5	<2	64.37	2.74	15.83	0.08	0.05
3206672	Drill Core	0.6	22.8	<0.01	224	0.002	0.15	<0.01	0.04	<0.5	95.63	0.7	4.8	16.30	<5	7	59.19	2.28	18.53	0.14	0.05
3206673	Drill Core	0.8	36.5	<0.01	482	0.006	0.28	<0.01	0.09	<0.5	23.86	1.2	6.3	9.33	<5	18	67.96	3.79	11.53	0.15	0.12
3206674	Drill Core	<0.5	33.9	<0.01	327	0.002	0.14	<0.01	0.03	<0.5	5.32	1.4	5.0	16.15	<5	4	62.79	1.73	20.98	0.23	0.04
3206675	Drill Core	<0.5	30.5	<0.01	247	0.001	0.11	<0.01	0.03	<0.5	14.66	1.1	5.5	17.00	<5	3	60.59	1.52	21.48	0.16	0.03
3206676	Drill Core	<0.5	39.2	<0.01	151	0.002	0.16	<0.01	0.04	<0.5	37.09	1.0	11.0	22.39	<5	4	45.67	1.96	27.21	0.54	0.04
3206677	Drill Core	<0.5	25.1	<0.01	334	0.001	0.20	<0.01	0.04	<0.5	13.88	1.5	2.7	11.98	<5	3	66.85	3.40	14.57	0.13	0.06
3206678	Drill Core	0.9	31.5	<0.01	54	0.001	0.43	<0.01	0.06	<0.5	30.44	2.8	7.7	26.60	<5	2	32.82	6.89	32.95	0.06	0.07
3206679	Drill Core	0.5	18.1	<0.01	275	0.001	0.13	<0.01	0.04	<0.5	40.30	1.2	6.5	17.97	<5	3	59.08	1.50	21.82	0.09	0.04
3206680	Rock	6.9	5.0	0.84	175	0.187	1.81	0.24	0.29	<0.5	0.07	3.1	<0.5	<0.05	<5	<2	60.90	17.08	6.35	6.27	2.90
3206681	Drill Core	5.8	43.9	<0.01	251	<0.001	0.30	<0.01	0.05	<0.5	21.50	7.5	3.5	20.14	13	3	53.29	3.51	25.56	0.07	0.05



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Bureau Veritas Commodities Canada Ltd.

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Vancouver British Columbia V5C 2V6 Canada

Project: MacMillan Pass
Report Date: November 23, 2019

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CERTIFICATE OF ANALYSIS

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Method	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC000	TC000	TC005	TC005	TC006	TC008	TC008	LF726
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	Zn
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	0.05	0.05	0.1
3206652	Drill Core	0.30	0.04	0.10	0.05	<0.01	0.27	<0.01	0.06	0.22	16.70	100.18	0.06	2.08	22.95	1.94	0.12	<0.08	22.64	0.94
3206653	Drill Core	0.96	0.02	0.62	0.18	0.03	1.36	0.02	0.72	1.30	15.02	99.13	0.06	2.03	17.31	1.95	0.07	<0.08	16.26	3.16
3206654	Drill Core	0.84	0.02	0.47	0.21	0.02	0.72	<0.01	0.11	0.70	10.59	99.19	0.07	2.28	9.60	2.09	0.19	<0.08	9.09	1.51
3206655	Drill Core	0.18	0.01	0.17	0.14	<0.01	0.13	<0.01	0.08	0.66	15.73	98.45	0.02	1.40	23.68	1.36	0.05	<0.08	23.13	1.66
3206656	Drill Core	0.49	0.01	0.28	0.23	<0.01	0.40	<0.01	0.07	2.41	14.18	99.36	0.04	1.84	20.58	1.78	0.05	<0.08	19.27	3.92
3206657	Drill Core	0.49	0.02	0.40	0.07	<0.01	0.42	<0.01	0.10	0.45	12.78	98.72	0.04	2.10	16.39	2.02	0.07	<0.08	16.01	1.15
3206658	Drill Core	0.04	0.02	<0.01	0.01	<0.01	0.06	<0.01	1.33	8.32	2.99	99.43	<0.01	0.28	5.87	0.27	<0.02	<0.08	3.84	6.08
3206659	Drill Core	0.33	0.02	0.26	0.06	<0.01	0.23	<0.01	0.10	0.37	6.91	99.37	0.03	1.93	8.16	1.81	0.11	<0.08	7.90	0.78
3206660	Rock Pulp	4.19	0.23	0.26	0.12	<0.01	0.08	0.02	1.80	3.09	14.21	98.60	0.01	3.28	5.16	0.41	<0.02	10.53	2.62	7.61
3206661	Drill Core	1.13	0.02	0.37	0.07	<0.01	1.20	<0.01	0.62	4.51	7.84	99.38	0.06	1.80	8.89	1.76	0.04	<0.08	6.71	6.54
3206662	Drill Core	1.43	0.01	0.51	0.05	0.01	1.57	<0.01	0.04	0.15	8.38	99.94	0.06	2.02	8.17	1.98	0.03	<0.08	7.99	0.53
3206663	Drill Core	1.31	0.01	0.43	0.02	<0.01	1.46	<0.01	0.14	0.24	9.64	99.46	0.06	2.27	10.39	2.25	<0.02	<0.08	10.15	0.73
3206664	Drill Core	0.19	0.02	0.22	0.10	<0.01	0.19	<0.01	0.50	0.64	19.91	100.34	0.02	0.90	31.94	0.88	<0.02	<0.08	31.35	1.77
3206665	Drill Core	0.19	0.01	0.21	0.12	<0.01	0.20	<0.01	0.70	0.44	18.86	99.89	0.02	0.88	29.70	0.85	0.02	<0.08	29.17	1.60
3206666	Drill Core	0.36	0.02	0.63	0.17	<0.01	0.30	<0.01	0.73	14.57	9.40	100.22	0.03	1.65	14.60	1.61	0.03	<0.08	7.73	20.62
3206667	Drill Core	0.77	<0.01	0.36	0.26	0.01	0.88	<0.01	0.60	0.27	6.39	99.33	0.06	2.04	6.22	1.89	0.15	<0.08	5.91	0.92
3206668	Drill Core	0.77	0.02	0.30	0.29	<0.01	0.77	<0.01	0.61	2.82	8.34	99.58	0.05	1.69	10.60	1.59	0.10	<0.08	9.17	4.31
3206669	Drill Core	0.31	0.01	0.13	0.08	<0.01	0.35	<0.01	4.11	1.12	8.17	99.76	0.02	0.98	11.96	0.91	0.05	<0.08	10.77	3.56
3206670	Drill Core	0.49	0.01	0.23	0.09	<0.01	0.53	<0.01	0.49	0.06	8.21	99.76	0.04	2.15	9.53	2.06	0.09	<0.08	9.33	0.60
3206671	Drill Core	0.42	0.01	0.22	0.06	<0.01	0.44	<0.01	0.49	3.19	10.77	99.62	0.04	1.83	14.54	1.77	0.05	<0.08	12.90	4.93
3206672	Drill Core	0.38	0.01	0.17	0.14	<0.01	0.35	<0.01	0.48	4.11	13.35	100.31	0.08	3.01	17.33	2.90	0.10	<0.08	15.26	6.23
3206673	Drill Core	0.71	0.02	0.21	0.12	<0.01	0.51	<0.01	0.35	0.74	12.77	99.29	0.36	6.40	10.10	6.30	0.09	<0.08	9.64	1.39
3206674	Drill Core	0.25	0.02	0.31	0.18	0.01	0.29	<0.01	0.54	0.02	12.51	99.96	0.08	2.05	17.45	2.00	0.05	<0.08	17.20	0.74
3206675	Drill Core	0.24	0.02	0.38	0.13	<0.01	0.25	<0.01	2.78	0.42	12.39	100.73	0.05	1.44	18.19	1.40	0.04	<0.08	17.48	2.12
3206676	Drill Core	0.26	0.02	0.25	0.42	0.01	0.39	<0.01	5.01	1.08	15.57	99.17	0.04	1.19	24.26	1.16	0.02	<0.08	22.88	4.14
3206677	Drill Core	0.44	0.02	0.58	0.16	0.02	0.65	<0.01	2.79	0.51	9.47	100.10	0.06	1.54	12.46	1.50	0.03	<0.08	11.74	2.15
3206678	Drill Core	0.74	0.02	1.16	0.15	0.01	1.50	<0.01	2.07	1.03	18.92	99.10	0.07	0.72	27.74	0.69	<0.02	<0.08	26.84	2.70
3206679	Drill Core	0.24	0.01	0.11	0.09	<0.01	0.21	<0.01	0.61	1.91	13.59	99.88	0.07	2.18	19.55	2.12	0.06	<0.08	18.50	3.14
3206680	Rock	1.52	0.13	0.52	0.14	<0.01	0.07	<0.01	<0.01	0.84	100.10	0.03	0.03	0.04	0.02	<0.02	<0.08	<0.05	0.33	
3206681	Drill Core	0.48	0.01	0.29	0.20	<0.01	0.38	<0.01	0.43	1.10	14.27	100.02	0.05	0.68	21.59	0.62	0.05	<0.08	20.84	2.26



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Method Analyte Unit MDL		GC204	GC204
		Ga	Ge
		ppm	ppm
		1	1
3206652	Drill Core		
3206653	Drill Core		
3206654	Drill Core		
3206655	Drill Core		
3206656	Drill Core		
3206657	Drill Core		
3206658	Drill Core		
3206659	Drill Core		
3206660	Rock Pulp		
3206661	Drill Core	16	17
3206662	Drill Core		
3206663	Drill Core		
3206664	Drill Core		
3206665	Drill Core		
3206666	Drill Core		
3206667	Drill Core		
3206668	Drill Core		
3206669	Drill Core		
3206670	Drill Core		
3206671	Drill Core		
3206672	Drill Core		
3206673	Drill Core		
3206674	Drill Core		
3206675	Drill Core		
3206676	Drill Core		
3206677	Drill Core		
3206678	Drill Core		
3206679	Drill Core		
3206680	Rock		
3206681	Drill Core		



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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
3206682	Drill Core	2.38	2.7	152.5	6341.6	16550	24.9	31.0	5.6	66	30.07	411	1.5	<0.5	25	113.7	178.3	<0.5	19	0.02	0.017			
3206683	Drill Core	2.54	3.6	138.8	6880.9	14207	21.2	43.4	6.0	66	30.15	411	1.6	<0.5	23	108.3	174.5	<0.5	21	0.01	0.012			
3206684	Drill Core	1.77	3.8	18.3	2912.1	300	4.2	68.0	7.4	40	8.73	147	1.3	<0.5	13	6.8	48.7	<0.5	14	<0.01	0.007			
3206685	Drill Core	2.10	10.2	40.9	3652.4	519	6.4	75.3	7.6	40	18.81	256	3.5	<0.5	19	19.3	102.9	<0.5	30	<0.01	0.008			
3206686	Drill Core	2.13	3.9	43.0	1140.1	147	3.6	52.9	8.4	19	16.83	229	6.7	<0.5	37	22.5	87.8	<0.5	26	<0.01	0.016			
3206687	Drill Core	2.77	7.2	60.1	5946.2	21323	10.8	57.1	6.9	40	20.03	329	3.6	<0.5	18	157.0	113.5	<0.5	19	<0.01	0.008			
3206688	Drill Core	1.99	14.1	51.8	8514.8	13777	14.6	73.0	12.5	29	13.06	381	3.5	<0.5	37	116.6	112.0	<0.5	21	0.02	0.021			
3206689	Drill Core	2.25	5.4	58.6	1223.2	24014	4.3	49.3	8.4	35	10.11	237	0.6	<0.5	35	120.5	65.8	<0.5	23	0.02	0.027			
3206690	Drill Core	1.83	6.9	30.7	295.6	12485	1.5	41.3	8.4	25	2.32	47	0.7	<0.5	71	76.2	26.5	<0.5	28	0.01	0.038			
3206691	Drill Core	2.18	2.8	25.0	841.8	4495	2.6	36.2	8.5	28	9.40	139	<0.5	0.5	27	28.0	43.2	<0.5	19	0.01	0.017			
3206692	Drill Core	1.85	2.5	36.1	185.3	5871	1.3	47.3	8.7	31	5.01	98	0.8	<0.5	24	32.0	29.5	<0.5	16	<0.01	0.014			
3206693	Drill Core	1.64	2.3	25.2	152.6	2660	0.8	55.4	9.4	52	5.33	100	2.4	<0.5	15	20.7	29.4	<0.5	12	<0.01	0.009			
3206694	Drill Core	2.21	1.8	33.7	718.8	1281	2.2	50.6	14.4	29	10.41	178	1.7	<0.5	11	14.0	55.0	<0.5	<10	<0.01	0.005			
3206695	Drill Core	2.16	3.6	45.9	694.1	13147	2.4	47.7	10.7	39	9.47	168	3.0	<0.5	13	80.7	51.3	<0.5	12	<0.01	0.005			
3206696	Drill Core	2.60	4.6	57.1	3604.3	20746	7.0	49.3	13.6	35	11.61	222	5.6	<0.5	18	152.0	58.1	<0.5	14	<0.01	0.010			
3206697	Drill Core	1.79	8.9	49.9	2637.0	15500	4.4	56.7	10.9	39	14.15	231	12.4	<0.5	35	146.8	55.7	<0.5	25	<0.01	0.016			
3206698	Drill Core	1.62	4.6	58.0	4777.1	11070	7.7	60.0	11.2	33	21.22	342	3.2	<0.5	25	76.6	75.6	<0.5	25	<0.01	0.014			
3206699	Drill Core	2.01	5.1	40.6	4094.5	4835	5.5	57.3	14.4	37	16.47	264	7.1	<0.5	32	57.8	60.9	<0.5	25	<0.01	0.018			
3206700	Rock Pulp	0.04	2.4	219.7	18049.0	29787	30.4	25.0	18.7	1731	5.41	78	1.5	6.9	19	84.3	39.6	<0.5	11	5.14	0.053			
3206701	Drill Core	2.23	5.8	38.4	1984.0	3556	3.3	77.4	13.6	27	8.57	146	9.7	<0.5	59	66.4	43.6	<0.5	31	<0.01	0.023			
3206702	Drill Core	2.11	6.6	34.3	1755.8	3799	2.8	69.5	12.4	31	7.64	129	14.8	<0.5	67	79.2	40.5	<0.5	33	0.01	0.029			
3206703	Drill Core	2.25	5.9	33.8	982.6	2134	2.4	73.0	13.9	29	7.56	129	4.3	<0.5	55	20.4	39.7	<0.5	27	<0.01	0.023			
3206704	Drill Core	2.71	5.4	82.2	2536.1	9583	7.1	43.1	13.2	41	22.59	278	7.5	<0.5	31	88.0	110.1	<0.5	19	<0.01	0.010			
3206705	Drill Core	2.41	3.9	64.5	1183.1	4014	4.1	43.7	14.4	37	17.48	233	3.0	<0.5	12	40.2	80.0	<0.5	11	<0.01	0.004			
3206706	Drill Core	1.98	3.2	56.7	831.7	2466	3.7	42.6	11.5	38	22.31	298	2.7	<0.5	13	29.0	73.1	<0.5	14	<0.01	0.004			
3206707	Drill Core	1.95	9.0	50.6	551.0	14238	2.6	127.7	16.0	34	10.01	166	7.0	<0.5	28	121.6	55.8	<0.5	19	<0.01	0.012			
3206708	Drill Core	2.24	2.6	32.6	397.4	361	1.9	60.1	8.1	25	13.64	136	0.8	<0.5	30	2.8	44.3	<0.5	23	0.02	0.022			
3206709	Drill Core	2.58	1.1	65.2	776.0	87	3.4	48.8	7.3	27	23.36	294	<0.5	<0.5	63	1.8	81.8	<0.5	18	0.07	0.053			
3206710	Drill Core	2.27	1.7	37.0	347.8	23	2.0	46.5	8.8	17	12.72	143	0.6	<0.5	81	1.4	44.2	<0.5	21	0.07	0.046			
3206711	Drill Core	1.67	2.0	33.5	324.1	40	1.8	41.9	7.1	20	10.64	156	<0.5	<0.5	55	<0.5	48.0	<0.5	22	0.02	0.020			



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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
3206682	Drill Core	<0.5	5.5	<0.01	132	<0.001	0.09	<0.01	0.02	<0.5	54.91	0.8	4.8	>30	<5	<2	24.30	1.17	45.95	0.04	0.02
3206683	Drill Core	<0.5	14.4	<0.01	156	<0.001	0.11	<0.01	0.03	<0.5	45.61	0.7	4.6	>30	<5	2	24.91	1.28	46.33	0.04	0.04
3206684	Drill Core	<0.5	7.0	<0.01	219	<0.001	0.10	<0.01	0.03	<0.5	1.65	0.8	0.9	10.12	<5	<2	76.81	2.00	13.10	0.02	0.03
3206685	Drill Core	0.5	11.1	<0.01	169	<0.001	0.15	<0.01	0.05	<0.5	2.89	1.5	4.2	22.73	<5	<2	50.69	2.40	29.45	0.02	0.05
3206686	Drill Core	0.9	14.0	<0.01	135	<0.001	0.22	<0.01	0.07	<0.5	2.10	1.8	2.8	20.43	<5	<2	52.66	4.45	26.35	0.03	0.07
3206687	Drill Core	<0.5	9.5	<0.01	149	<0.001	0.09	<0.01	0.03	<0.5	33.64	0.9	4.8	25.25	<5	<2	46.87	1.64	31.49	0.03	0.03
3206688	Drill Core	0.5	11.7	<0.01	248	<0.001	0.14	<0.01	0.04	<0.5	21.88	1.2	5.0	16.24	<5	<2	62.70	2.87	19.99	0.05	0.06
3206689	Drill Core	<0.5	8.5	<0.01	347	<0.001	0.20	<0.01	0.07	<0.5	35.44	0.9	4.0	12.64	<5	<2	67.79	4.12	14.88	0.06	0.07
3206690	Drill Core	0.5	11.9	<0.01	395	0.004	0.31	<0.01	0.10	<0.5	18.72	1.0	1.8	3.22	<5	<2	81.40	7.01	3.51	0.04	0.12
3206691	Drill Core	<0.5	11.2	<0.01	285	<0.001	0.21	<0.01	0.07	<0.5	7.17	0.7	2.6	11.25	<5	<2	71.18	4.14	14.13	0.03	0.08
3206692	Drill Core	<0.5	8.8	<0.01	259	<0.001	0.20	<0.01	0.07	<0.5	10.08	1.4	1.6	6.03	<5	<2	81.81	4.13	7.38	0.03	0.08
3206693	Drill Core	<0.5	8.9	<0.01	202	<0.001	0.14	<0.01	0.05	<0.5	4.96	0.9	1.1	6.21	<5	<2	83.90	2.81	7.98	0.02	0.06
3206694	Drill Core	<0.5	5.5	<0.01	104	<0.001	0.07	<0.01	0.02	<0.5	3.02	<0.5	1.5	12.22	<5	<2	73.40	1.65	15.67	0.02	0.03
3206695	Drill Core	<0.5	6.8	<0.01	106	<0.001	0.08	<0.01	0.03	<0.5	22.39	0.8	1.2	11.53	<5	<2	73.75	1.63	14.00	0.02	0.03
3206696	Drill Core	<0.5	7.7	<0.01	90	<0.001	0.08	<0.01	0.02	<0.5	34.67	0.8	1.2	14.73	<5	<2	67.48	1.66	17.69	0.02	0.02
3206697	Drill Core	1.1	12.4	<0.01	119	<0.001	0.13	<0.01	0.04	<0.5	24.24	1.6	3.0	17.53	5	<2	61.01	2.24	21.63	0.03	0.04
3206698	Drill Core	0.6	11.4	<0.01	118	<0.001	0.12	<0.01	0.04	<0.5	18.30	1.3	3.3	26.19	<5	<2	44.68	1.89	32.63	0.03	0.04
3206699	Drill Core	0.7	12.2	<0.01	117	<0.001	0.14	<0.01	0.04	<0.5	8.65	1.5	2.8	19.82	<5	<2	57.14	2.39	25.46	0.03	0.05
3206700	Rock Pulp	22.1	12.9	2.77	128	0.017	0.93	0.01	0.68	0.8	1.13	3.2	26.8	4.80	<5	<2	43.90	8.71	8.26	7.44	5.37
3206701	Drill Core	1.2	14.1	<0.01	180	<0.001	0.20	<0.01	0.07	<0.5	6.59	2.1	1.5	10.20	<5	<2	72.56	4.38	12.85	0.04	0.07
3206702	Drill Core	1.6	15.3	<0.01	162	<0.001	0.19	<0.01	0.06	<0.5	6.56	2.5	1.4	9.06	<5	2	75.02	4.15	11.44	0.04	0.07
3206703	Drill Core	0.8	12.9	<0.01	172	<0.001	0.20	<0.01	0.07	<0.5	5.10	1.9	1.5	8.79	<5	<2	74.73	4.69	11.21	0.04	0.08
3206704	Drill Core	0.9	9.5	<0.01	103	<0.001	0.12	<0.01	0.03	<0.5	17.18	1.4	6.4	28.02	<5	<2	41.39	1.87	35.41	0.03	0.04
3206705	Drill Core	<0.5	6.6	<0.01	70	<0.001	0.07	<0.01	0.03	<0.5	7.86	0.9	2.6	21.26	<5	<2	56.15	1.27	26.75	0.03	0.02
3206706	Drill Core	<0.5	6.7	<0.01	73	<0.001	0.08	<0.01	0.03	<0.5	5.61	0.6	2.8	27.54	<5	<2	44.17	1.37	35.68	0.03	0.03
3206707	Drill Core	0.7	12.5	<0.01	105	<0.001	0.11	<0.01	0.04	<0.5	20.42	1.7	2.5	12.44	<5	<2	70.81	2.50	14.89	0.03	0.05
3206708	Drill Core	0.5	8.4	<0.01	156	<0.001	0.19	<0.01	0.08	<0.5	1.47	1.0	2.4	16.26	<5	<2	62.38	4.11	20.59	0.05	0.08
3206709	Drill Core	<0.5	13.5	<0.01	154	<0.001	0.26	<0.01	0.09	<0.5	4.19	1.0	6.8	28.34	<5	<2	38.84	3.95	36.57	0.12	0.08
3206710	Drill Core	<0.5	7.7	<0.01	234	<0.001	0.33	<0.01	0.13	<0.5	2.19	1.2	2.7	15.23	<5	<2	57.61	8.05	19.54	0.12	0.17
3206711	Drill Core	<0.5	8.1	<0.01	272	<0.001	0.35	<0.01	0.15	<0.5	4.47	1.1	5.8	12.61	<5	<2	63.55	7.76	16.15	0.05	0.16



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Project:

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Method	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC000	TC000	TC005	TC005	TC006	TC008	TC008	LF726
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	Zn
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	0.05	0.05	0.1
3206682	Drill Core	0.17	0.02	0.04	0.04	<0.01	0.12	<0.01	0.59	1.61	24.21	98.78	0.02	0.30	39.11	0.28	<0.02	<0.08	38.06	3.17
3206683	Drill Core	0.18	0.02	0.06	0.03	<0.01	0.13	<0.01	0.64	1.37	24.09	99.58	0.02	0.31	37.44	0.29	<0.02	<0.08	36.45	2.98
3206684	Drill Core	0.32	0.01	0.13	0.02	<0.01	0.24	<0.01	0.27	0.03	7.08	100.10	0.03	0.42	10.77	0.38	0.03	<0.08	10.62	0.46
3206685	Drill Core	0.38	0.01	0.12	0.02	<0.01	0.24	<0.01	0.33	0.05	15.85	99.73	0.04	0.76	24.58	0.74	0.02	<0.08	24.28	0.89
3206686	Drill Core	0.69	<0.01	0.22	0.06	<0.01	0.47	<0.01	0.11	0.01	14.25	99.49	0.03	0.32	21.44	0.30	<0.02	<0.08	21.22	0.65
3206687	Drill Core	0.25	0.01	0.08	0.03	<0.01	0.14	<0.01	0.55	2.12	16.63	100.50	0.02	0.40	26.47	0.37	0.02	<0.08	25.22	3.75
3206688	Drill Core	0.44	0.01	0.15	0.06	<0.01	0.26	<0.01	0.80	1.36	11.15	100.35	0.03	0.60	17.37	0.57	0.03	<0.08	16.54	2.50
3206689	Drill Core	0.66	0.01	0.22	0.08	0.01	0.35	<0.01	0.12	2.35	8.95	100.38	0.03	0.53	13.40	0.46	0.06	<0.08	12.22	3.56
3206690	Drill Core	1.12	0.01	0.36	0.11	0.02	0.54	<0.01	0.03	1.24	4.06	99.99	0.05	0.85	3.31	0.68	0.17	<0.08	2.75	1.66
3206691	Drill Core	0.66	0.02	0.21	0.06	0.01	0.33	<0.01	0.08	0.45	8.06	99.62	0.03	0.35	11.65	0.29	0.05	<0.08	11.36	0.87
3206692	Drill Core	0.67	<0.01	0.20	0.04	<0.01	0.32	<0.01	0.03	0.58	4.49	99.97	0.02	0.32	6.34	0.28	0.03	<0.08	6.03	0.94
3206693	Drill Core	0.46	0.02	0.14	0.02	<0.01	0.22	<0.01	0.01	0.26	4.38	100.40	0.01	0.28	6.68	0.24	0.03	<0.08	6.49	0.55
3206694	Drill Core	0.26	0.01	0.08	0.02	<0.01	0.12	<0.01	0.06	0.13	8.14	99.63	<0.01	0.30	12.56	0.26	0.04	<0.08	12.37	0.58
3206695	Drill Core	0.25	0.02	0.06	0.02	<0.01	0.11	<0.01	0.05	1.28	7.57	99.13	0.01	0.35	11.70	0.29	0.05	<0.08	11.09	1.82
3206696	Drill Core	0.25	0.02	0.08	0.02	<0.01	0.09	<0.01	0.34	2.04	9.61	99.90	<0.01	0.33	15.07	0.29	0.03	<0.08	14.01	3.19
3206697	Drill Core	0.38	0.01	0.17	0.05	0.01	0.12	<0.01	0.25	1.52	11.66	99.55	0.02	0.34	17.53	0.31	0.03	<0.08	16.67	2.57
3206698	Drill Core	0.34	0.01	0.14	0.05	0.01	0.09	<0.01	0.46	1.07	17.21	99.00	0.02	0.36	27.68	0.34	0.03	<0.08	26.96	2.16
3206699	Drill Core	0.38	0.01	0.22	0.06	0.01	0.12	<0.01	0.39	0.49	13.35	100.30	0.02	0.36	20.55	0.33	0.02	<0.08	20.13	1.26
3206700	Rock Pulp	4.19	0.24	0.28	0.12	<0.01	0.08	0.01	1.79	3.09	15.40	99.98	<0.01	3.22	5.12	0.46	<0.02	10.13	2.87	6.74
3206701	Drill Core	0.74	0.01	0.35	0.12	0.01	0.21	<0.01	0.18	0.36	7.60	99.66	0.03	0.53	10.91	0.47	0.05	<0.08	10.64	0.80
3206702	Drill Core	0.67	0.01	0.33	0.13	0.01	0.20	<0.01	0.16	0.38	7.03	99.79	0.04	0.72	9.66	0.65	0.06	<0.08	9.39	0.82
3206703	Drill Core	0.78	0.02	0.33	0.14	0.02	0.23	<0.01	0.10	0.22	6.82	99.51	0.03	0.56	9.32	0.52	0.04	<0.08	9.13	0.58
3206704	Drill Core	0.29	0.01	0.13	0.05	<0.01	0.09	<0.01	0.24	0.95	18.50	99.28	0.01	0.32	29.14	0.30	<0.02	<0.08	28.49	1.96
3206705	Drill Core	0.21	0.01	0.07	0.01	<0.01	0.06	<0.01	0.11	0.39	13.79	98.99	<0.01	0.26	21.60	0.23	<0.02	<0.08	21.20	1.19
3206706	Drill Core	0.22	0.01	0.07	0.02	<0.01	0.07	<0.01	0.08	0.25	18.03	100.10	<0.01	0.24	28.42	0.22	<0.02	<0.08	28.03	1.18
3206707	Drill Core	0.42	0.02	0.22	0.06	<0.01	0.13	<0.01	0.06	1.39	8.41	99.38	0.02	0.50	12.50	0.45	0.04	<0.08	11.72	2.35
3206708	Drill Core	0.75	0.02	0.27	0.08	0.01	0.17	<0.01	0.05	0.04	11.14	99.81	0.03	0.33	16.47	0.29	0.04	<0.08	16.29	0.54
3206709	Drill Core	0.71	0.01	0.22	0.14	<0.01	0.13	<0.01	0.07	<0.01	19.15	100.09	0.02	0.30	29.67	0.27	<0.02	<0.08	29.40	0.80
3206710	Drill Core	1.51	0.02	0.43	0.20	0.01	0.30	<0.01	0.04	<0.01	11.42	99.54	0.03	0.43	16.08	0.38	0.04	<0.08	15.92	0.49
3206711	Drill Core	1.49	0.01	0.44	0.13	0.01	0.30	<0.01	0.04	<0.01	9.57	99.80	0.04	0.45	13.30	0.42	0.03	<0.08	13.18	0.36



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Project: MacMillan Pass
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CERTIFICATE OF ANALYSIS

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Method Analyte Unit MDL		GC204	GC204
		Ga	Ge
		ppm	ppm
		1	1
3206682	Drill Core		
3206683	Drill Core		
3206684	Drill Core		
3206685	Drill Core		
3206686	Drill Core		
3206687	Drill Core		
3206688	Drill Core		
3206689	Drill Core		
3206690	Drill Core		
3206691	Drill Core		
3206692	Drill Core		
3206693	Drill Core		
3206694	Drill Core		
3206695	Drill Core		
3206696	Drill Core		
3206697	Drill Core	9	8
3206698	Drill Core		
3206699	Drill Core		
3206700	Rock Pulp		
3206701	Drill Core		
3206702	Drill Core		
3206703	Drill Core		
3206704	Drill Core		
3206705	Drill Core		
3206706	Drill Core		
3206707	Drill Core		
3206708	Drill Core		
3206709	Drill Core		
3206710	Drill Core		
3206711	Drill Core		



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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
3206712	Drill Core	2.19	4.1	53.6	1091.6	34	4.5	78.7	7.2	34	30.45	511	<0.5	<0.5	62	<0.5	113.4	<0.5	15	0.06	0.032
3206713	Drill Core	1.73	6.5	20.5	283.2	70	1.4	123.9	14.6	36	8.51	155	0.6	<0.5	56	0.8	43.7	<0.5	22	0.06	0.051
3206714	Drill Core	1.77	7.3	45.0	578.7	1152	2.4	117.0	12.2	37	12.52	221	0.7	<0.5	50	7.8	57.3	<0.5	26	0.02	0.034
3206715	Drill Core	1.89	14.3	45.4	683.4	1769	3.0	115.9	8.1	31	14.34	275	1.3	<0.5	37	11.2	60.6	<0.5	44	0.02	0.027
3206716	Drill Core	1.93	36.1	49.6	2045.3	206	4.0	217.3	20.4	39	15.60	260	5.3	<0.5	79	2.8	77.1	<0.5	88	0.11	0.075
3206717	Drill Core	1.65	70.0	39.6	1102.0	553	2.2	197.9	12.7	44	8.20	168	10.7	<0.5	83	3.3	66.0	<0.5	187	0.09	0.047
3206718	Drill Core	1.64	18.6	31.3	2732.3	3840	2.9	121.3	14.5	33	9.64	154	1.6	<0.5	65	22.2	62.8	<0.5	50	0.06	0.037
3206719	Drill Core	1.58	10.1	35.9	3081.2	8008	3.4	171.3	18.3	37	14.99	218	1.4	<0.5	98	49.6	70.7	<0.5	37	0.10	0.054
3206720	Rock	1.00	2.2	62.6	4.2	43	<0.5	3.9	10.4	419	3.06	<5	1.0	2.5	74	<0.5	<0.5	<0.5	105	1.03	0.060
3206721	Drill Core	2.21	5.6	68.7	5190.0	17596	6.8	261.6	37.7	38	22.64	380	1.2	0.8	78	102.2	105.8	<0.5	25	0.06	0.034
3206722	Drill Core	2.68	4.4	60.9	4790.6	14613	6.5	267.1	31.9	29	25.98	446	0.9	0.8	55	86.8	117.3	<0.5	23	0.04	0.020
3206723	Drill Core	1.86	11.2	56.1	5443.1	4619	7.9	235.7	28.2	37	19.08	285	1.0	<0.5	63	27.7	98.0	<0.5	31	0.05	0.028
3206724	Drill Core	1.84	19.9	37.8	970.4	318	2.6	146.4	11.3	43	14.46	219	2.5	<0.5	68	1.6	66.3	<0.5	35	0.09	0.057
3206725	Drill Core	1.74	22.0	33.1	707.3	104	2.3	164.8	14.8	48	14.20	245	2.5	<0.5	141	0.6	81.6	<0.5	50	0.14	0.079
3206726	Drill Core	1.85	25.9	38.6	716.8	1037	2.1	122.3	17.1	55	10.00	184	2.5	<0.5	103	5.1	79.0	<0.5	58	0.09	0.045
3206727	Drill Core	1.81	40.5	42.9	661.2	118	2.3	142.2	12.0	43	10.12	218	7.5	<0.5	252	0.7	86.7	<0.5	85	0.24	0.122
3206728	Drill Core	1.95	32.6	54.9	1524.6	713	4.3	146.7	15.3	47	11.91	261	6.4	<0.5	238	4.6	120.1	<0.5	93	0.20	0.101
3206729	Drill Core	1.69	43.9	74.5	2833.8	216	7.2	192.2	14.3	44	10.49	206	5.0	<0.5	139	1.6	151.3	<0.5	95	0.12	0.061
3206730	Drill Core	1.82	36.2	63.1	1075.9	1577	5.9	170.4	19.2	56	15.32	330	3.6	<0.5	209	11.2	108.3	<0.5	99	0.19	0.110
3206731	Drill Core	2.04	10.2	93.2	1369.3	6310	10.1	167.1	23.0	47	26.24	581	2.9	<0.5	165	51.4	156.5	<0.5	64	0.14	0.089
3206732	Drill Core	2.09	11.3	63.0	986.5	3921	4.6	79.6	19.8	42	11.92	267	0.8	<0.5	31	23.4	86.5	<0.5	42	0.02	0.030
3206733	Drill Core	1.53	4.2	42.9	621.0	2624	3.3	43.5	12.7	26	8.04	209	2.3	<0.5	53	28.1	66.0	<0.5	31	0.02	0.032
3206734	Drill Core	2.05	3.6	50.9	967.3	2180	5.9	78.3	26.6	34	16.20	422	3.1	<0.5	35	25.0	122.7	<0.5	39	<0.01	0.013
3206735	Drill Core	1.86	1.9	45.2	443.9	40	3.2	56.4	11.7	32	16.62	410	0.7	<0.5	14	1.6	84.9	<0.5	33	<0.01	0.010
3206736	Drill Core	2.32	1.9	27.1	336.9	10	2.6	66.1	11.5	40	18.19	341	2.0	<0.5	16	7.4	75.6	<0.5	36	<0.01	0.007
3206737	Drill Core	1.79	2.3	29.6	420.9	9	3.0	65.8	13.7	31	19.11	326	2.4	<0.5	18	9.9	95.1	<0.5	35	<0.01	0.007
3206738	Drill Core	2.09	1.6	27.0	388.2	9	2.7	100.3	12.6	40	17.87	331	<0.5	<0.5	11	<0.5	87.4	<0.5	32	<0.01	0.009
3206739	Drill Core	1.82	1.8	22.9	391.5	100	2.2	35.3	11.7	29	9.86	249	<0.5	<0.5	13	<0.5	54.2	<0.5	20	<0.01	0.014
3206740	Rock Pulp	0.03	4.3	466.2	34410.2	49291	57.0	17.1	43.2	2206	7.39	145	1.7	6.4	25	171.7	49.0	<0.5	22	4.95	0.047
3206741	Drill Core	1.94	2.4	59.5	516.6	35034	4.3	44.9	11.8	45	12.63	301	<0.5	<0.5	14	164.2	74.7	<0.5	24	<0.01	0.015



Bureau Veritas Commodities Canada Ltd.

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Project:

MacMillan Pass

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	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
3206712	Drill Core	<0.5	12.5	<0.01	76	<0.001	0.10	<0.01	0.03	<0.5	7.80	0.6	8.6	>30	<5	<2	26.64	1.36	47.19	0.09	0.05
3206713	Drill Core	<0.5	15.8	<0.01	136	<0.001	0.17	<0.01	0.06	<0.5	1.42	0.6	2.2	10.02	<5	<2	75.35	3.29	12.70	0.10	0.07
3206714	Drill Core	<0.5	17.0	<0.01	138	<0.001	0.19	<0.01	0.07	<0.5	3.43	0.5	2.9	14.84	<5	2	63.78	3.81	18.52	0.05	0.07
3206715	Drill Core	<0.5	15.8	<0.01	156	<0.001	0.19	<0.01	0.08	<0.5	4.61	1.1	2.3	17.25	<5	2	61.03	3.52	21.72	0.05	0.07
3206716	Drill Core	0.5	24.9	<0.01	142	0.001	0.17	<0.01	0.06	<0.5	2.04	1.3	3.0	18.73	<5	9	55.81	3.19	23.52	0.16	0.07
3206717	Drill Core	0.9	22.2	<0.01	204	0.002	0.23	<0.01	0.09	<0.5	1.99	1.2	3.7	9.57	<5	10	70.26	3.98	12.16	0.14	0.10
3206718	Drill Core	0.5	19.1	<0.01	151	<0.001	0.18	<0.01	0.07	<0.5	6.30	0.8	2.1	11.49	<5	4	70.48	3.39	14.23	0.10	0.07
3206719	Drill Core	0.5	20.7	<0.01	172	<0.001	0.19	<0.01	0.07	<0.5	12.29	0.9	1.9	18.22	<5	<2	58.23	3.43	22.80	0.16	0.07
3206720	Rock	7.1	6.2	0.87	189	0.191	1.85	0.23	0.36	<0.5	<0.05	3.8	<0.5	<0.05	5	<2	60.58	16.87	6.37	6.25	2.91
3206721	Drill Core	<0.5	31.0	<0.01	141	<0.001	0.16	<0.01	0.05	<0.5	24.12	0.8	3.7	27.96	<5	<2	39.16	3.15	34.46	0.10	0.05
3206722	Drill Core	<0.5	30.1	<0.01	118	<0.001	0.15	<0.01	0.05	<0.5	21.29	1.2	4.1	>30	<5	<2	31.86	2.80	40.26	0.08	0.05
3206723	Drill Core	0.5	27.4	<0.01	148	<0.001	0.17	<0.01	0.06	<0.5	8.51	0.7	5.5	23.01	<5	<2	48.33	3.50	28.39	0.08	0.07
3206724	Drill Core	0.5	15.2	<0.01	105	<0.001	0.14	<0.01	0.05	<0.5	1.94	0.9	3.3	16.90	<5	2	61.63	2.38	21.36	0.13	0.04
3206725	Drill Core	0.7	18.3	<0.01	125	<0.001	0.16	<0.01	0.05	<0.5	1.29	0.6	3.5	16.69	<5	<2	61.78	2.62	20.38	0.19	0.07
3206726	Drill Core	0.6	13.5	<0.01	128	<0.001	0.15	<0.01	0.05	<0.5	2.44	0.7	2.7	11.42	<5	3	71.29	2.46	14.10	0.14	0.05
3206727	Drill Core	0.8	16.9	<0.01	122	0.001	0.16	<0.01	0.05	<0.5	1.40	0.7	3.7	11.56	<5	8	68.98	2.07	14.48	0.35	0.05
3206728	Drill Core	0.8	17.5	<0.01	140	<0.001	0.15	<0.01	0.05	<0.5	2.33	<0.5	3.2	13.82	<5	10	65.72	2.11	17.36	0.28	0.06
3206729	Drill Core	0.6	15.6	<0.01	114	<0.001	0.14	<0.01	0.05	<0.5	1.64	0.8	2.7	12.05	<5	11	68.93	1.95	14.95	0.18	0.04
3206730	Drill Core	0.8	24.3	<0.01	122	<0.001	0.15	<0.01	0.05	<0.5	4.87	0.5	3.6	18.17	<5	6	57.54	2.01	22.68	0.27	0.05
3206731	Drill Core	0.5	24.5	<0.01	83	<0.001	0.12	<0.01	0.03	<0.5	14.33	0.7	4.5	>30	<5	5	32.84	1.58	39.63	0.21	0.02
3206732	Drill Core	<0.5	10.2	<0.01	97	<0.001	0.15	<0.01	0.04	<0.5	7.96	<0.5	2.5	13.86	<5	<2	68.26	2.34	17.54	0.03	0.05
3206733	Drill Core	0.8	10.6	<0.01	151	<0.001	0.24	<0.01	0.09	<0.5	4.79	0.9	2.9	9.39	<5	<2	73.54	4.77	11.42	0.04	0.09
3206734	Drill Core	0.5	13.0	<0.01	110	<0.001	0.18	<0.01	0.06	<0.5	4.64	1.3	3.8	18.88	<5	<2	56.89	4.00	24.00	0.01	0.05
3206735	Drill Core	<0.5	7.6	<0.01	56	<0.001	0.08	<0.01	0.02	<0.5	0.97	<0.5	2.3	19.25	<5	<2	60.59	1.30	24.31	0.01	0.02
3206736	Drill Core	<0.5	7.5	<0.01	65	<0.001	0.09	<0.01	0.03	<0.5	0.84	0.8	1.6	21.61	<5	<2	56.37	1.39	27.52	0.01	0.02
3206737	Drill Core	<0.5	6.7	<0.01	53	<0.001	0.08	<0.01	0.02	<0.5	1.22	0.7	1.3	22.82	<5	<2	54.49	1.17	28.18	0.01	0.02
3206738	Drill Core	<0.5	7.2	<0.01	54	<0.001	0.09	<0.01	0.02	<0.5	0.99	<0.5	1.3	21.08	<5	<2	57.58	1.21	26.54	0.02	0.03
3206739	Drill Core	<0.5	6.2	<0.01	58	<0.001	0.08	<0.01	0.03	<0.5	0.95	<0.5	0.9	11.24	<5	<2	75.65	1.42	13.96	0.02	0.04
3206740	Rock Pulp	23.8	12.5	2.69	241	0.016	0.96	0.01	0.64	0.5	0.80	2.5	46.7	7.90	<5	<2	37.98	7.65	10.83	6.90	4.84
3206741	Drill Core	<0.5	6.0	<0.01	64	<0.001	0.08	<0.01	0.03	<0.5	53.00	<0.5	1.1	15.71	<5	<2	65.04	1.35	17.98	0.01	0.03



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		Method	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC000	TC000	TC005	TC005	TC006	TC008	TC008	LF726	
		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	Zn
		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	0.05	0.05	0.1
3206712	Drill Core		0.22	0.02	0.13	0.10	<0.01	0.04	<0.01	0.10	<0.01	24.19	100.15	0.01	0.47	37.80	0.45	<0.02	<0.08	37.46	1.01	
3206713	Drill Core		0.56	0.01	0.35	0.17	0.02	0.14	<0.01	0.04	<0.01	7.44	100.28	0.03	0.80	10.38	0.75	0.05	<0.08	10.27	0.34	
3206714	Drill Core		0.63	0.02	0.41	0.20	0.03	0.16	<0.01	0.06	0.11	10.94	98.88	0.04	1.08	15.48	1.02	0.06	<0.08	15.29	0.56	
3206715	Drill Core		0.66	0.02	0.21	0.08	<0.01	0.16	<0.01	0.07	0.18	12.35	100.23	0.06	1.09	18.32	1.05	0.03	<0.08	18.07	0.76	
3206716	Drill Core		0.54	0.01	0.48	0.21	0.03	0.14	<0.01	0.20	0.02	14.71	99.13	0.13	2.49	20.05	2.43	0.05	<0.08	19.85	0.60	
3206717	Drill Core		0.79	0.02	0.24	0.15	0.02	0.18	<0.01	0.10	0.06	11.46	99.71	0.25	4.80	10.43	4.68	0.11	<0.08	10.30	0.39	
3206718	Drill Core		0.65	0.01	0.27	0.15	0.02	0.16	<0.01	0.26	0.38	9.19	99.50	0.07	1.55	12.23	1.51	0.04	<0.08	11.93	0.91	
3206719	Drill Core		0.62	0.01	0.35	0.17	0.02	0.16	<0.01	0.29	0.78	12.75	100.11	0.05	0.89	19.41	0.86	<0.02	<0.08	18.85	1.68	
3206720	Rock		1.52	0.14	0.52	0.14	<0.01	0.05	<0.01	<0.01	<0.01	0.80	99.45	0.02	0.04	0.03	0.03	<0.02	<0.08	<0.05	0.36	
3206721	Drill Core		0.53	0.01	0.88	0.12	0.05	0.14	<0.01	0.47	1.71	18.52	99.87	0.04	0.56	28.32	0.54	<0.02	<0.08	27.33	2.98	
3206722	Drill Core		0.46	0.01	0.63	0.09	0.03	0.12	<0.01	0.47	1.42	21.22	99.98	0.03	0.40	31.85	0.39	<0.02	<0.08	30.90	2.86	
3206723	Drill Core		0.62	0.01	0.77	0.13	0.05	0.17	<0.01	0.51	0.44	15.75	99.07	0.05	0.86	23.78	0.84	<0.02	<0.08	23.34	1.33	
3206724	Drill Core		0.42	0.01	0.23	0.15	0.02	0.09	<0.01	0.10	0.03	12.35	98.99	0.06	1.35	18.11	1.29	0.05	<0.08	17.91	0.61	
3206725	Drill Core		0.45	0.01	0.30	0.19	0.01	0.11	<0.01	0.08	<0.01	12.20	98.47	0.06	1.68	16.53	1.45	0.22	<0.08	16.38	0.46	
3206726	Drill Core		0.45	0.02	0.21	0.14	<0.01	0.10	<0.01	0.07	0.10	9.37	98.56	0.08	2.00	11.06	1.75	0.25	<0.08	10.92	0.41	
3206727	Drill Core		0.40	0.02	0.10	0.31	0.02	0.08	<0.01	0.07	<0.01	12.00	98.98	0.10	4.53	11.56	3.86	0.66	<0.08	11.43	0.38	
3206728	Drill Core		0.39	0.01	0.09	0.25	0.01	0.09	<0.01	0.15	0.07	12.36	99.02	0.10	3.73	13.80	3.27	0.45	<0.08	13.64	0.49	
3206729	Drill Core		0.39	0.01	0.08	0.16	0.01	0.08	<0.01	0.27	0.02	11.31	98.46	0.12	3.72	12.19	3.05	0.66	<0.08	12.05	0.42	
3206730	Drill Core		0.39	0.01	0.15	0.25	0.02	0.08	<0.01	0.11	0.15	15.53	99.34	0.10	4.20	18.23	3.71	0.48	<0.08	18.01	0.66	
3206731	Drill Core		0.26	0.02	0.17	0.21	0.02	0.05	<0.01	0.13	0.61	22.33	98.29	0.04	1.89	33.26	1.77	0.11	<0.08	32.78	1.44	
3206732	Drill Core		0.43	0.01	0.14	0.07	0.02	0.09	<0.01	0.10	0.39	9.63	99.26	0.04	0.77	14.38	0.70	0.06	<0.08	14.12	0.77	
3206733	Drill Core		0.93	<0.01	0.25	0.09	0.01	0.16	<0.01	0.07	0.25	6.82	98.60	0.03	0.48	9.03	0.39	0.08	<0.08	8.85	0.52	
3206734	Drill Core		0.67	0.01	0.31	0.03	0.01	0.15	<0.01	0.09	0.21	12.82	99.41	0.03	0.27	19.95	0.24	0.02	<0.08	19.72	0.70	
3206735	Drill Core		0.22	0.02	0.05	0.02	<0.01	0.04	<0.01	0.05	<0.01	12.38	99.07	0.01	0.22	19.66	0.20	<0.02	<0.08	19.46	0.59	
3206736	Drill Core		0.24	0.01	0.06	0.02	<0.01	0.05	<0.01	0.04	<0.01	13.91	99.69	0.02	0.21	22.57	0.20	<0.02	<0.08	22.35	0.66	
3206737	Drill Core		0.20	0.01	0.05	0.02	<0.01	0.05	<0.01	0.05	<0.01	14.31	98.61	0.01	0.23	22.89	0.20	<0.02	<0.08	22.63	0.78	
3206738	Drill Core		0.23	0.02	0.05	0.02	<0.01	0.04	<0.01	0.04	<0.01	13.90	99.72	<0.01	0.21	21.70	0.20	<0.02	<0.08	21.48	0.66	
3206739	Drill Core		0.26	0.01	0.09	0.04	<0.01	0.06	<0.01	0.03	<0.01	7.26	98.87	0.01	0.21	11.21	0.20	<0.02	<0.08	11.00	0.62	
3206740	Rock Pulp		3.59	0.29	0.23	0.11	<0.01	0.08	0.04	3.53	4.95	15.95	98.65	<0.01	3.37	7.84	0.65	<0.02	9.92	3.79	12.15	
3206741	Drill Core		0.25	0.01	0.07	0.04	<0.01	0.05	<0.01	0.05	3.41	9.91	99.09	0.01	0.25	16.62	0.21	0.04	<0.08	14.91	5.12	



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Method	GC204	GC204
Analyte	Ga	Ge
Unit	ppm	ppm
MDL	1	1
3206712	Drill Core	
3206713	Drill Core	
3206714	Drill Core	
3206715	Drill Core	
3206716	Drill Core	
3206717	Drill Core	
3206718	Drill Core	
3206719	Drill Core	
3206720	Rock	
3206721	Drill Core	
3206722	Drill Core	
3206723	Drill Core	
3206724	Drill Core	
3206725	Drill Core	
3206726	Drill Core	
3206727	Drill Core	
3206728	Drill Core	
3206729	Drill Core	
3206730	Drill Core	
3206731	Drill Core	
3206732	Drill Core	
3206733	Drill Core	
3206734	Drill Core	
3206735	Drill Core	
3206736	Drill Core	
3206737	Drill Core	
3206738	Drill Core	
3206739	Drill Core	
3206740	Rock Pulp	
3206741	Drill Core	



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Project: MacMillan Pass
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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
3206742	Drill Core	2.13	1.9	67.1	495.1	36014	4.3	47.8	11.6	36	11.22	288	<0.5	<0.5	13	186.0	87.1	<0.5	21	<0.01	0.014
3206743	Drill Core	2.16	2.9	44.1	460.5	2146	5.3	49.5	15.7	35	12.19	263	1.8	<0.5	15	18.9	60.4	<0.5	26	<0.01	0.008
3206744	Drill Core	1.43	2.1	32.4	317.8	10150	2.8	38.4	11.2	44	9.90	202	1.2	<0.5	12	63.3	50.0	<0.5	22	<0.01	0.005
3206745	Drill Core	1.69	2.8	19.6	260.3	211	1.5	39.2	10.4	32	5.73	152	1.1	<0.5	14	3.8	34.1	<0.5	17	<0.01	0.013
3206746	Drill Core	1.64	2.7	41.0	371.3	8021	2.3	39.1	9.8	45	8.80	193	0.7	<0.5	12	50.6	47.5	<0.5	20	<0.01	0.009
3206747	Drill Core	1.48	2.2	39.3	269.5	8907	2.2	68.2	100.1	32	6.19	320	0.9	<0.5	10	55.2	66.2	<0.5	15	<0.01	0.005
3206748	Drill Core	1.70	2.5	56.4	564.3	17686	4.0	69.9	73.5	44	12.24	336	0.6	<0.5	13	93.5	79.2	<0.5	25	<0.01	0.009
3206749	Drill Core	2.19	7.6	57.7	650.4	636	5.8	131.3	26.1	32	19.46	348	1.0	<0.5	62	3.7	98.2	<0.5	47	0.08	0.057
3206750	Drill Core	1.76	5.8	59.6	554.6	1431	6.1	66.4	27.9	50	17.96	268	1.2	<0.5	19	27.5	84.0	<0.5	37	<0.01	0.013
3206751	Drill Core	1.71	9.8	51.2	340.3	2020	1.4	72.6	13.9	41	6.63	140	11.5	<0.5	52	193.6	60.6	<0.5	30	<0.01	0.018
3206752	Drill Core	1.52	8.1	47.3	456.9	27240	3.0	93.4	18.1	54	8.38	232	1.8	<0.5	30	172.2	79.5	<0.5	30	0.02	0.018
3206753	Drill Core	1.74	11.9	54.4	494.5	18208	3.8	133.5	17.7	43	9.94	266	1.0	<0.5	38	117.6	96.1	<0.5	31	0.04	0.028
3206754	Drill Core	1.67	24.2	68.2	475.2	39381	3.7	91.0	13.7	55	5.33	155	1.4	<0.5	34	242.1	81.2	<0.5	37	0.03	0.023
3206755	Drill Core	1.81	13.4	51.1	1496.6	14428	5.8	152.5	29.4	56	13.80	268	1.5	<0.5	56	73.9	113.4	<0.5	44	0.07	0.038
3206756	Drill Core	2.03	15.3	71.5	909.7	10225	6.8	88.0	16.6	42	18.87	389	1.7	<0.5	32	48.9	126.8	<0.5	47	0.03	0.018
3206757	Drill Core	2.07	19.9	34.4	672.9	2851	3.7	156.3	20.1	46	14.49	382	2.0	<0.5	67	13.1	111.5	<0.5	58	0.08	0.039
3206758	Drill Core	1.60	12.0	44.5	398.5	16505	3.3	99.4	15.3	51	8.80	263	1.3	<0.5	79	79.7	87.3	<0.5	31	0.07	0.046
3206759	Drill Core	1.76	4.1	35.8	166.6	5879	3.1	61.1	11.2	64	6.60	158	1.1	<0.5	46	24.7	43.9	<0.5	23	0.04	0.024



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Project: MacMillan Pass
Report Date: November 23, 2019

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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
3206742	Drill Core	<0.5	6.9	<0.01	52	<0.001	0.08	<0.01	0.02	<0.5	58.33	<0.5	1.2	14.35	<5	<2	67.61	1.30	15.99	0.02	0.02
3206743	Drill Core	<0.5	6.5	<0.01	48	<0.001	0.08	<0.01	0.02	<0.5	5.51	<0.5	1.7	14.10	<5	<2	69.53	1.30	17.73	0.01	0.04
3206744	Drill Core	<0.5	5.8	<0.01	53	<0.001	0.07	<0.01	0.03	<0.5	18.19	<0.5	1.6	11.42	<5	<2	74.35	1.33	13.94	<0.01	0.02
3206745	Drill Core	<0.5	6.1	<0.01	55	<0.001	0.09	<0.01	0.03	<0.5	1.28	0.7	1.0	6.39	<5	<2	84.45	1.53	8.20	0.02	0.03
3206746	Drill Core	<0.5	4.7	<0.01	57	<0.001	0.12	<0.01	0.03	<0.5	13.75	<0.5	1.3	10.28	<5	<2	76.73	1.31	12.57	0.01	0.02
3206747	Drill Core	<0.5	4.6	<0.01	43	<0.001	0.06	<0.01	0.02	<0.5	15.09	<0.5	0.8	7.42	<5	<2	83.19	1.22	8.73	0.01	0.03
3206748	Drill Core	<0.5	7.0	<0.01	82	<0.001	0.08	<0.01	0.03	<0.5	27.60	<0.5	2.1	14.96	<5	<2	68.30	1.30	17.66	0.01	0.04
3206749	Drill Core	<0.5	12.8	<0.01	107	<0.001	0.14	<0.01	0.04	<0.5	3.54	0.9	2.2	23.71	<5	<2	49.88	2.44	29.62	0.13	0.05
3206750	Drill Core	<0.5	10.0	<0.01	56	<0.001	0.09	<0.01	0.03	<0.5	4.72	0.8	2.3	21.48	<5	<2	56.85	1.33	26.40	0.02	0.03
3206751	Drill Core	1.4	11.8	<0.01	72	<0.001	0.12	<0.01	0.03	<0.5	3.47	1.3	2.4	7.63	<5	<2	80.98	1.77	9.28	0.02	0.03
3206752	Drill Core	<0.5	11.9	<0.01	69	<0.001	0.12	<0.01	0.04	<0.5	42.97	0.8	2.4	10.79	<5	<2	73.66	2.01	11.82	0.04	0.03
3206753	Drill Core	<0.5	10.8	<0.01	69	<0.001	0.10	<0.01	0.03	<0.5	30.32	<0.5	5.1	12.25	<5	2	71.63	1.69	14.06	0.07	0.04
3206754	Drill Core	<0.5	11.6	<0.01	112	<0.001	0.14	<0.01	0.06	<0.5	60.09	0.6	2.5	7.63	<5	2	78.02	2.03	7.43	0.05	0.04
3206755	Drill Core	<0.5	13.3	<0.01	74	<0.001	0.11	<0.01	0.04	<0.5	23.19	<0.5	4.0	16.87	<5	2	63.29	1.91	20.40	0.10	0.02
3206756	Drill Core	<0.5	11.5	<0.01	62	<0.001	0.08	<0.01	0.03	<0.5	16.88	0.6	3.5	23.28	<5	2	51.34	1.50	28.40	0.06	0.03
3206757	Drill Core	0.6	16.3	<0.01	85	<0.001	0.13	<0.01	0.04	<0.5	4.93	0.8	4.6	16.69	<5	3	61.89	2.07	21.57	0.14	0.04
3206758	Drill Core	0.7	11.8	<0.01	148	<0.001	0.19	<0.01	0.08	<0.5	23.59	0.7	3.3	10.58	<5	<2	72.33	3.29	12.59	0.13	0.06
3206759	Drill Core	<0.5	7.6	<0.01	149	<0.001	0.20	<0.01	0.08	<0.5	10.27	0.9	1.5	7.53	<5	<2	77.86	4.25	9.40	0.08	0.07



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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	TC008	TC008	LF726
		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	Zn
		%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		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	0.05	0.05	0.1
3206742	Drill Core	0.25	0.01	0.07	0.03	<0.01	0.04	<0.01	0.05	3.52	9.06	98.87	<0.01	0.22	14.84	0.18	0.03	<0.08	13.10	5.23	
3206743	Drill Core	0.23	<0.01	0.06	0.02	<0.01	0.04	<0.01	0.04	0.21	9.26	98.58	0.01	0.22	14.44	0.19	<0.02	<0.08	14.18	0.77	
3206744	Drill Core	0.24	0.01	0.08	0.01	0.01	0.04	<0.01	0.02	0.99	7.58	98.91	0.01	0.34	11.20	0.25	0.09	<0.08	10.68	1.56	
3206745	Drill Core	0.28	0.01	0.10	0.03	<0.01	0.05	<0.01	0.02	0.02	4.47	99.26	0.02	0.38	6.09	0.23	0.11	0.17	5.97	0.37	
3206746	Drill Core	0.24	0.01	0.05	0.02	<0.01	0.05	<0.01	0.03	0.77	6.62	98.68	0.02	0.26	10.18	0.21	0.05	<0.08	9.75	1.29	
3206747	Drill Core	0.23	<0.01	0.11	0.02	<0.01	0.05	<0.01	0.03	0.87	4.92	99.66	0.01	0.36	7.34	0.25	0.10	<0.08	6.88	1.39	
3206748	Drill Core	0.24	0.01	0.14	0.02	<0.01	0.05	<0.01	0.06	1.71	9.35	99.37	0.01	0.27	15.25	0.23	0.04	<0.08	14.38	2.60	
3206749	Drill Core	0.42	0.01	0.42	0.16	0.02	0.09	<0.01	0.08	0.06	15.82	99.24	0.03	0.67	24.71	0.63	0.04	<0.08	24.41	0.92	
3206750	Drill Core	0.23	0.01	0.12	0.03	0.01	0.04	<0.01	0.07	0.14	13.69	99.06	0.02	0.47	20.72	0.44	0.02	<0.08	20.44	0.83	
3206751	Drill Core	0.32	0.01	0.21	0.06	0.01	0.07	<0.01	0.04	0.19	5.32	98.37	0.02	0.56	7.08	0.45	0.10	<0.08	6.91	0.50	
3206752	Drill Core	0.37	0.01	0.31	0.07	0.02	0.06	<0.01	0.04	2.67	7.26	99.08	0.03	0.70	10.44	0.60	0.09	<0.08	9.18	3.78	
3206753	Drill Core	0.31	0.01	0.20	0.07	0.02	0.06	<0.01	0.06	1.76	8.41	98.86	0.03	0.83	12.00	0.74	0.08	<0.08	11.15	2.54	
3206754	Drill Core	0.40	0.02	0.22	0.05	<0.01	0.05	<0.01	0.04	3.77	6.07	99.20	0.05	1.51	7.76	1.37	0.13	<0.08	6.04	5.18	
3206755	Drill Core	0.34	0.01	0.24	0.09	0.02	0.06	<0.01	0.15	1.41	11.66	100.11	0.05	1.00	17.11	0.90	0.09	<0.08	16.31	2.39	
3206756	Drill Core	0.28	<0.01	0.24	0.05	0.01	0.04	<0.01	0.10	0.99	15.60	98.96	0.04	1.06	22.33	0.98	0.07	<0.08	21.71	1.85	
3206757	Drill Core	0.40	0.01	0.22	0.11	0.01	0.07	<0.01	0.07	0.28	12.49	99.47	0.07	1.47	17.91	1.34	0.13	<0.08	17.64	0.81	
3206758	Drill Core	0.62	0.01	0.24	0.11	0.01	0.10	<0.01	0.03	1.62	7.77	99.40	0.04	0.73	10.39	0.60	0.13	<0.08	9.62	2.30	
3206759	Drill Core	0.83	0.01	0.35	0.08	<0.01	0.13	<0.01	0.02	0.58	5.81	99.71	0.03	0.42	7.51	0.28	0.13	<0.08	7.21	0.89	



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	GC204	GC204
		Ga	Ge
		ppm	ppm
		1	1
3206742	Drill Core		
3206743	Drill Core		
3206744	Drill Core		
3206745	Drill Core		
3206746	Drill Core		
3206747	Drill Core		
3206748	Drill Core		
3206749	Drill Core		
3206750	Drill Core		
3206751	Drill Core		
3206752	Drill Core		
3206753	Drill Core		
3206754	Drill Core		
3206755	Drill Core		
3206756	Drill Core		
3206757	Drill Core		
3206758	Drill Core		
3206759	Drill Core		



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QUALITY CONTROL REPORT

WHI19000556.2

	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
3206646	Drill Core	1.97	<0.5	185.1	2335.9	>200000	14.7	1545.9	21.9	4337	11.30	2043	<0.5	<0.5	23	1626.5	463.1	<0.5	40	0.16	0.025
3206682	Drill Core	2.38	2.7	152.5	6341.6	16550	24.9	31.0	5.6	66	30.07	411	1.5	<0.5	25	113.7	178.3	<0.5	19	0.02	0.017
3206751	Drill Core	1.71	9.8	51.2	340.3	2020	1.4	72.6	13.9	41	6.63	140	11.5	<0.5	52	193.6	60.6	<0.5	30	<0.01	0.018
Pulp Duplicates																					
3206622	Drill Core	2.35	<0.5	583.7	2885.1	>200000	144.4	65.6	26.9	207	4.07	289	<0.5	<0.5	10	2143.6	567.7	<0.5	<10	0.02	<0.001
REP 3206622	QC																				
3206623	Drill Core	1.85	1.1	149.9	1558.5	188015	36.3	58.9	8.9	950	6.61	187	<0.5	0.6	40	608.3	160.5	<0.5	23	0.10	0.035
REP 3206623	QC																				
3206624	Drill Core	2.00	1.6	234.9	417.5	161762	34.1	49.1	16.1	1423	6.43	110	0.9	1.1	60	592.8	105.3	<0.5	47	0.11	0.047
REP 3206624	QC																				
3206638	Drill Core	2.64	<0.5	163.6	9752.9	>200000	88.3	25.3	8.9	343	1.94	47	<0.5	<0.5	7	4083.1	136.7	<0.5	<10	0.02	<0.001
REP 3206638	QC																				
3206645	Drill Core	2.28	<0.5	820.7	2065.1	>200000	61.2	3277.9	57.6	363	2.93	4017	<0.5	<0.5	13	2512.9	1221.2	<0.5	<10	0.02	0.005
REP 3206645	QC																				
3206648	Drill Core	1.81	<0.5	43.3	106.9	5428	0.9	231.2	25.8	9894	26.86	351	0.7	0.6	25	37.1	41.6	<0.5	91	0.37	0.048
REP 3206648	QC																				
3206649	Drill Core	2.44	1.4	120.9	193.0	71055	4.0	212.4	26.8	8335	21.10	307	0.9	<0.5	35	438.3	35.1	<0.5	110	0.31	0.049
REP 3206649	QC																				
3206652	Drill Core	2.14	45.4	57.9	505.4	2324	2.9	146.3	7.4	140	19.11	325	5.4	<0.5	13	13.3	50.3	<0.5	37	0.04	0.019
REP 3206652	QC		47.4	58.2	513.2	2312	2.8	148.7	7.3	129	18.96	320	5.3	<0.5	14	13.9	50.0	<0.5	37	0.04	0.018
3206653	Drill Core	2.48	24.7	218.5	7344.6	13698	11.8	191.6	25.5	63	14.61	521	4.0	1.1	56	55.7	159.3	0.5	50	0.08	0.064
REP 3206653	QC																				
3206656	Drill Core	1.67	12.8	46.2	815.4	24519	6.2	85.1	9.4	53	15.05	348	3.2	0.6	129	78.9	126.1	<0.5	37	0.17	0.098
REP 3206656	QC																				
3206672	Drill Core	1.93	26.0	107.1	4968.8	40499	9.1	134.0	9.2	53	12.24	384	7.4	<0.5	98	175.2	161.0	<0.5	83	0.10	0.052
REP 3206672	QC																				
3206683	Drill Core	2.54	3.6	138.8	6880.9	14207	21.2	43.4	6.0	66	30.15	411	1.6	<0.5	23	108.3	174.5	<0.5	21	0.01	0.012
REP 3206683	QC																				
3206687	Drill Core	2.77	7.2	60.1	5946.2	21323	10.8	57.1	6.9	40	20.03	329	3.6	<0.5	18	157.0	113.5	<0.5	19	<0.01	0.008



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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
3206646	Drill Core	<0.5	50.2	0.36	199	0.001	0.21	<0.01	0.01	<0.5	218.89	4.3	5.1	9.76	25	5	19.20	1.53	16.33	0.24	0.72
3206682	Drill Core	<0.5	5.5	<0.01	132	<0.001	0.09	<0.01	0.02	<0.5	54.91	0.8	4.8	>30	<5	<2	24.30	1.17	45.95	0.04	0.02
3206751	Drill Core	1.4	11.8	<0.01	72	<0.001	0.12	<0.01	0.03	<0.5	3.47	1.3	2.4	7.63	<5	<2	80.98	1.77	9.28	0.02	0.03
Pulp Duplicates																					
3206622	Drill Core	<0.5	<0.5	0.03	60	<0.001	0.06	<0.01	<0.01	<0.5	595.61	<0.5	7.5	25.30	105	<2	11.00	0.38	5.54	0.05	0.05
REP 3206622	QC																				
3206623	Drill Core	0.5	11.8	0.10	81	<0.001	0.14	<0.01	0.03	<0.5	205.86	2.1	4.2	12.84	19	2	54.45	1.67	9.08	0.18	0.22
REP 3206623	QC																				
3206624	Drill Core	1.3	20.8	0.19	404	0.002	0.61	<0.01	0.07	<0.5	179.50	4.3	1.6	9.84	26	3	55.62	4.37	8.88	0.17	0.33
REP 3206624	QC																55.59	4.33	8.90	0.18	0.34
3206638	Drill Core	<0.5	6.1	0.05	96	<0.001	0.08	<0.01	0.02	<0.5	456.57	4.7	2.4	25.70	91	15	13.07	1.41	2.60	0.06	0.11
REP 3206638	QC																				
3206645	Drill Core	<0.5	<0.5	0.07	200	<0.001	0.04	<0.01	<0.01	<0.5	410.61	10.1	12.4	13.59	120	6	0.59	0.09	4.10	0.05	0.14
REP 3206645	QC																				
3206648	Drill Core	<0.5	177.4	0.90	525	0.002	0.27	<0.01	0.04	<0.5	3.61	15.7	<0.5	0.62	<5	<2	27.24	3.30	41.62	0.57	1.56
REP 3206648	QC																				
3206649	Drill Core	0.7	141.1	0.71	662	0.002	0.59	<0.01	0.04	<0.5	34.82	11.9	0.6	4.21	12	<2	29.53	5.19	32.02	0.46	1.24
REP 3206649	QC																				
3206652	Drill Core	<0.5	5.1	<0.01	76	<0.001	0.10	<0.01	0.03	<0.5	2.01	1.4	0.9	22.34	<5	2	51.55	1.99	28.66	0.09	0.06
REP 3206652	QC	<0.5	5.9	<0.01	86	<0.001	0.10	<0.01	0.02	<0.5	2.03	1.3	1.0	22.17	<5	3					
3206653	Drill Core	1.3	25.3	<0.01	96	<0.001	0.31	<0.01	0.04	<0.5	11.52	1.8	6.1	17.58	<5	3	49.26	7.48	21.33	0.14	0.08
REP 3206653	QC																49.22	7.50	21.34	0.14	0.09
3206656	Drill Core	0.8	17.9	<0.01	206	0.001	0.24	<0.01	0.05	<0.5	24.87	0.9	7.4	18.76	<5	4	54.31	3.02	22.93	0.26	0.05
REP 3206656	QC																54.57	2.99	23.03	0.26	0.04
3206672	Drill Core	0.6	22.8	<0.01	224	0.002	0.15	<0.01	0.04	<0.5	95.63	0.7	4.8	16.30	<5	7	59.19	2.28	18.53	0.14	0.05
REP 3206672	QC																				
3206683	Drill Core	<0.5	14.4	<0.01	156	<0.001	0.11	<0.01	0.03	<0.5	45.61	0.7	4.6	>30	<5	2	24.91	1.28	46.33	0.04	0.04
REP 3206683	QC																				
3206687	Drill Core	<0.5	9.5	<0.01	149	<0.001	0.09	<0.01	0.03	<0.5	33.64	0.9	4.8	25.25	<5	<2	46.87	1.64	31.49	0.03	0.03



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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	TC008	TC008	LF726
		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	Zn
		%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		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	0.05	0.05	0.1
3206646	Drill Core	0.19	0.54	0.30	0.08	0.02	0.15	0.02	0.25	>24	16.78	100.47	0.01	2.71	17.76	0.50	<0.02	8.07	5.05	38.13	34.3
3206682	Drill Core	0.17	0.02	0.04	0.04	<0.01	0.12	<0.01	0.59	1.61	24.21	98.78	0.02	0.30	39.11	0.28	<0.02	<0.08	38.06	3.17	
3206751	Drill Core	0.32	0.01	0.21	0.06	0.01	0.07	<0.01	0.04	0.19	5.32	98.37	0.02	0.56	7.08	0.45	0.10	<0.08	6.91	0.50	
Pulp Duplicates																					
3206622	Drill Core	0.06	0.03	0.01	0.01	<0.01	<0.01	0.04	0.29	>24	15.30	100.44	<0.01	0.19	29.07	0.08	<0.02	0.36	22.25	20.47	54.6
REP 3206622	QC																				54.3
3206623	Drill Core	0.29	0.13	0.20	0.10	<0.01	0.06	<0.01	0.16	19.54	9.01	100.02	0.02	0.96	12.97	0.36	<0.02	2.15	4.52	25.35	
REP 3206623	QC													0.95	12.84						
3206624	Drill Core	0.56	0.17	0.33	0.10	<0.01	0.19	0.01	0.04	16.87	8.48	100.39	0.03	1.21	9.84	0.46	<0.02	2.68	2.58	21.76	
REP 3206624	QC	0.57	0.17	0.33	0.10	0.01	0.17	0.01	0.04	16.80	8.48	100.26	0.02								
3206638	Drill Core	0.29	0.06	0.08	0.01	<0.01	0.07	<0.01	0.91	>24	14.43	100.16	<0.01	0.32	25.15	0.16	<0.02	0.58	14.37	32.34	53.6
REP 3206638	QC																<0.02				
3206645	Drill Core	0.02	0.06	<0.01	0.02	<0.01	<0.01	0.07	0.20	>24	16.60	100.10	<0.01	0.35	28.80	0.08	<0.02	0.99	21.18	22.85	>60
REP 3206645	QC																				
3206648	Drill Core	0.43	1.26	0.85	0.12	0.06	0.50	<0.01	0.01	0.57	21.83	100.15	0.03	7.08	0.54	0.70	<0.02	23.33	<0.05	3.00	
REP 3206648	QC																	23.22			
3206649	Drill Core	0.62	1.02	0.97	0.12	0.06	0.69	<0.01	0.01	7.35	18.89	100.19	0.03	5.35	4.04	0.69	<0.02	17.05	<0.05	12.48	
REP 3206649	QC																			12.47	
3206652	Drill Core	0.30	0.04	0.10	0.05	<0.01	0.27	<0.01	0.06	0.22	16.70	100.18	0.06	2.08	22.95	1.94	0.12	<0.08	22.64	0.94	
REP 3206652	QC																				
3206653	Drill Core	0.96	0.02	0.62	0.18	0.03	1.36	0.02	0.72	1.30	15.02	99.13	0.06	2.03	17.31	1.95	0.07	<0.08	16.26	3.16	
REP 3206653	QC	0.95	0.02	0.63	0.17	0.02	1.35	0.02	0.70	1.30	15.02	99.06	0.06				0.08				
3206656	Drill Core	0.49	0.01	0.28	0.23	<0.01	0.40	<0.01	0.07	2.41	14.18	99.36	0.04	1.84	20.58	1.78	0.05	<0.08	19.27	3.92	
REP 3206656	QC	0.50	0.02	0.29	0.23	<0.01	0.39	<0.01	0.08	2.43	14.18	99.69	0.04	1.84	20.48						
3206672	Drill Core	0.38	0.01	0.17	0.14	<0.01	0.35	<0.01	0.48	4.11	13.35	100.31	0.08	3.01	17.33	2.90	0.10	<0.08	15.26	6.23	
REP 3206672	QC																0.12				
3206683	Drill Core	0.18	0.02	0.06	0.03	<0.01	0.13	<0.01	0.64	1.37	24.09	99.58	0.02	0.31	37.44	0.29	<0.02	<0.08	36.45	2.98	
REP 3206683	QC																	<0.08		3.02	
3206687	Drill Core	0.25	0.01	0.08	0.03	<0.01	0.14	<0.01	0.55	2.12	16.63	100.50	0.02	0.40	26.47	0.37	0.02	<0.08	25.22	3.75	



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	Method	GC204	GC204
	Analyte	Ga	Ge
	Unit	ppm	ppm
	MDL	1	1
3206646	Drill Core	19	59
3206682	Drill Core		
3206751	Drill Core		
Pulp Duplicates			
3206622	Drill Core		
REP 3206622	QC		
3206623	Drill Core	17	105
REP 3206623	QC		
3206624	Drill Core	21	79
REP 3206624	QC		
3206638	Drill Core	7	243
REP 3206638	QC		
3206645	Drill Core	22	115
REP 3206645	QC	23	106
3206648	Drill Core		
REP 3206648	QC		
3206649	Drill Core		
REP 3206649	QC		
3206652	Drill Core		
REP 3206652	QC		
3206653	Drill Core		
REP 3206653	QC		
3206656	Drill Core		
REP 3206656	QC		
3206672	Drill Core		
REP 3206672	QC		
3206683	Drill Core		
REP 3206683	QC		
3206687	Drill Core		



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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 3206687	QC		7.8	65.1	5921.5	21603	11.5	57.5	7.0	43	20.12	351	3.8	<0.5	20	162.8	119.3	<0.5	20	<0.01	0.008
3206690	Drill Core	1.83	6.9	30.7	295.6	12485	1.5	41.3	8.4	25	2.32	47	0.7	<0.5	71	76.2	26.5	<0.5	28	0.01	0.038
REP 3206690	QC																				
3206691	Drill Core	2.18	2.8	25.0	841.8	4495	2.6	36.2	8.5	28	9.40	139	<0.5	0.5	27	28.0	43.2	<0.5	19	0.01	0.017
REP 3206691	QC																				
3206697	Drill Core	1.79	8.9	49.9	2637.0	15500	4.4	56.7	10.9	39	14.15	231	12.4	<0.5	35	146.8	55.7	<0.5	25	<0.01	0.016
REP 3206697	QC																				
3206707	Drill Core	1.95	9.0	50.6	551.0	14238	2.6	127.7	16.0	34	10.01	166	7.0	<0.5	28	121.6	55.8	<0.5	19	<0.01	0.012
REP 3206707	QC																				
3206718	Drill Core	1.64	18.6	31.3	2732.3	3840	2.9	121.3	14.5	33	9.64	154	1.6	<0.5	65	22.2	62.8	<0.5	50	0.06	0.037
REP 3206718	QC																				
3206721	Drill Core	2.21	5.6	68.7	5190.0	17596	6.8	261.6	37.7	38	22.64	380	1.2	0.8	78	102.2	105.8	<0.5	25	0.06	0.034
REP 3206721	QC																				
REP 3206722	QC		4.3	62.9	4961.8	14508	6.5	277.0	33.4	29	26.28	446	1.0	<0.5	57	88.4	115.0	<0.5	24	0.04	0.022
3206724	Drill Core	1.84	19.9	37.8	970.4	318	2.6	146.4	11.3	43	14.46	219	2.5	<0.5	68	1.6	66.3	<0.5	35	0.09	0.057
REP 3206724	QC																				
3206726	Drill Core	1.85	25.9	38.6	716.8	1037	2.1	122.3	17.1	55	10.00	184	2.5	<0.5	103	5.1	79.0	<0.5	58	0.09	0.045
REP 3206726	QC																				
3206738	Drill Core	2.09	1.6	27.0	388.2	9	2.7	100.3	12.6	40	17.87	331	<0.5	<0.5	11	<0.5	87.4	<0.5	32	<0.01	0.009
REP 3206738	QC																				
3206742	Drill Core	2.13	1.9	67.1	495.1	36014	4.3	47.8	11.6	36	11.22	288	<0.5	<0.5	13	186.0	87.1	<0.5	21	<0.01	0.014
REP 3206742	QC																				
3206753	Drill Core	1.74	11.9	54.4	494.5	18208	3.8	133.5	17.7	43	9.94	266	1.0	<0.5	38	117.6	96.1	<0.5	31	0.04	0.028
REP 3206753	QC																				
3206755	Drill Core	1.81	13.4	51.1	1496.6	14428	5.8	152.5	29.4	56	13.80	268	1.5	<0.5	56	73.9	113.4	<0.5	44	0.07	0.038
REP 3206755	QC																				
REP 3206756	QC		14.8	68.5	937.3	10175	6.8	87.4	17.4	43	19.01	384	1.6	<0.5	32	47.9	126.1	<0.5	46	0.03	0.017
3206759	Drill Core	1.76	4.1	35.8	166.6	5879	3.1	61.1	11.2	64	6.60	158	1.1	<0.5	46	24.7	43.9	<0.5	23	0.04	0.024
REP 3206759	QC																				



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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
REP 3206687	QC	<0.5	11.1	<0.01	179	<0.001	0.10	<0.01	0.03	<0.5	35.50	1.5	4.9	25.66	<5	<2	46.88	1.65	31.39	0.02	0.04
3206690	Drill Core	0.5	11.9	<0.01	395	0.004	0.31	<0.01	0.10	<0.5	18.72	1.0	1.8	3.22	<5	<2	81.40	7.01	3.51	0.04	0.12
REP 3206690	QC																81.32	6.97	3.49	0.04	0.12
3206691	Drill Core	<0.5	11.2	<0.01	285	<0.001	0.21	<0.01	0.07	<0.5	7.17	0.7	2.6	11.25	<5	<2	71.18	4.14	14.13	0.03	0.08
REP 3206691	QC																				
3206697	Drill Core	1.1	12.4	<0.01	119	<0.001	0.13	<0.01	0.04	<0.5	24.24	1.6	3.0	17.53	5	<2	61.01	2.24	21.63	0.03	0.04
REP 3206697	QC																				
3206707	Drill Core	0.7	12.5	<0.01	105	<0.001	0.11	<0.01	0.04	<0.5	20.42	1.7	2.5	12.44	<5	<2	70.81	2.50	14.89	0.03	0.05
REP 3206707	QC																				
3206718	Drill Core	0.5	19.1	<0.01	151	<0.001	0.18	<0.01	0.07	<0.5	6.30	0.8	2.1	11.49	<5	4	70.48	3.39	14.23	0.10	0.07
REP 3206718	QC																				
3206721	Drill Core	<0.5	31.0	<0.01	141	<0.001	0.16	<0.01	0.05	<0.5	24.12	0.8	3.7	27.96	<5	<2	39.16	3.15	34.46	0.10	0.05
REP 3206721	QC																39.15	3.16	34.30	0.11	0.05
REP 3206722	QC	<0.5	30.4	<0.01	122	0.001	0.15	<0.01	0.05	<0.5	21.04	0.9	4.0	>30	<5	<2					
3206724	Drill Core	0.5	15.2	<0.01	105	<0.001	0.14	<0.01	0.05	<0.5	1.94	0.9	3.3	16.90	<5	2	61.63	2.38	21.36	0.13	0.04
REP 3206724	QC																61.94	2.43	21.59	0.13	0.05
3206726	Drill Core	0.6	13.5	<0.01	128	<0.001	0.15	<0.01	0.05	<0.5	2.44	0.7	2.7	11.42	<5	3	71.29	2.46	14.10	0.14	0.05
REP 3206726	QC																				
3206738	Drill Core	<0.5	7.2	<0.01	54	<0.001	0.09	<0.01	0.02	<0.5	0.99	<0.5	1.3	21.08	<5	<2	57.58	1.21	26.54	0.02	0.03
REP 3206738	QC																				
3206742	Drill Core	<0.5	6.9	<0.01	52	<0.001	0.08	<0.01	0.02	<0.5	58.33	<0.5	1.2	14.35	<5	<2	67.61	1.30	15.99	0.02	0.02
REP 3206742	QC																				
3206753	Drill Core	<0.5	10.8	<0.01	69	<0.001	0.10	<0.01	0.03	<0.5	30.32	<0.5	5.1	12.25	<5	2	71.63	1.69	14.06	0.07	0.04
REP 3206753	QC																				
3206755	Drill Core	<0.5	13.3	<0.01	74	<0.001	0.11	<0.01	0.04	<0.5	23.19	<0.5	4.0	16.87	<5	2	63.29	1.91	20.40	0.10	0.02
REP 3206755	QC																62.51	1.89	20.47	0.10	0.02
REP 3206756	QC	<0.5	10.7	<0.01	64	<0.001	0.08	<0.01	0.03	<0.5	15.95	<0.5	3.5	23.11	<5	2					
3206759	Drill Core	<0.5	7.6	<0.01	149	<0.001	0.20	<0.01	0.08	<0.5	10.27	0.9	1.5	7.53	<5	<2	77.86	4.25	9.40	0.08	0.07
REP 3206759	QC																77.75	4.27	9.34	0.07	0.08



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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 %	TC008 S/S- %	TC008 SO4 %	LF726 Zn %
		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	0.02	0.05	0.05	0.1
REP 3206687	QC	0.25	0.02	0.08	0.03	<0.01	0.16	<0.01	0.55	2.10	16.63	100.40	0.02								
3206690	Drill Core	1.12	0.01	0.36	0.11	0.02	0.54	<0.01	0.03	1.24	4.06	99.99	0.05	0.85	3.31	0.68	0.17	<0.08	2.75	1.66	
REP 3206690	QC	1.12	<0.01	0.39	0.12	0.02	0.53	<0.01	0.04	1.22	4.06	99.87	0.05								
3206691	Drill Core	0.66	0.02	0.21	0.06	0.01	0.33	<0.01	0.08	0.45	8.06	99.62	0.03	0.35	11.65	0.29	0.05	<0.08	11.36	0.87	
REP 3206691	QC													0.36	12.16						
3206697	Drill Core	0.38	0.01	0.17	0.05	0.01	0.12	<0.01	0.25	1.52	11.66	99.55	0.02	0.34	17.53	0.31	0.03	<0.08	16.67	2.57	
REP 3206697	QC																				
3206707	Drill Core	0.42	0.02	0.22	0.06	<0.01	0.13	<0.01	0.06	1.39	8.41	99.38	0.02	0.50	12.50	0.45	0.04	<0.08	11.72	2.35	
REP 3206707	QC																0.05				
3206718	Drill Core	0.65	0.01	0.27	0.15	0.02	0.16	<0.01	0.26	0.38	9.19	99.50	0.07	1.55	12.23	1.51	0.04	<0.08	11.93	0.91	
REP 3206718	QC																	<0.08		0.96	
3206721	Drill Core	0.53	0.01	0.88	0.12	0.05	0.14	<0.01	0.47	1.71	18.52	99.87	0.04	0.56	28.32	0.54	<0.02	<0.08	27.33	2.98	
REP 3206721	QC	0.52	0.02	0.87	0.13	0.04	0.13	<0.01	0.48	1.71	18.52	99.70	0.03								
REP 3206722	QC																				
3206724	Drill Core	0.42	0.01	0.23	0.15	0.02	0.09	<0.01	0.10	0.03	12.35	98.99	0.06	1.35	18.11	1.29	0.05	<0.08	17.91	0.61	
REP 3206724	QC	0.43	0.01	0.23	0.15	0.02	0.09	<0.01	0.09	0.03	12.35	99.60	0.06								
3206726	Drill Core	0.45	0.02	0.21	0.14	<0.01	0.10	<0.01	0.07	0.10	9.37	98.56	0.08	2.00	11.06	1.75	0.25	<0.08	10.92	0.41	
REP 3206726	QC													2.03	11.29						
3206738	Drill Core	0.23	0.02	0.05	0.02	<0.01	0.04	<0.01	0.04	<0.01	13.90	99.72	<0.01	0.21	21.70	0.20	<0.02	<0.08	21.48	0.66	
REP 3206738	QC																			0.62	
3206742	Drill Core	0.25	0.01	0.07	0.03	<0.01	0.04	<0.01	0.05	3.52	9.06	98.87	<0.01	0.22	14.84	0.18	0.03	<0.08	13.10	5.23	
REP 3206742	QC																0.03				
3206753	Drill Core	0.31	0.01	0.20	0.07	0.02	0.06	<0.01	0.06	1.76	8.41	98.86	0.03	0.83	12.00	0.74	0.08	<0.08	11.15	2.54	
REP 3206753	QC																	<0.08		2.63	
3206755	Drill Core	0.34	0.01	0.24	0.09	0.02	0.06	<0.01	0.15	1.41	11.66	100.11	0.05	1.00	17.11	0.90	0.09	<0.08	16.31	2.39	
REP 3206755	QC	0.33	0.02	0.25	0.09	0.02	0.05	<0.01	0.15	1.42	11.66	99.36	0.05								
REP 3206756	QC																				
3206759	Drill Core	0.83	0.01	0.35	0.08	<0.01	0.13	<0.01	0.02	0.58	5.81	99.71	0.03	0.42	7.51	0.28	0.13	<0.08	7.21	0.89	
REP 3206759	QC	0.83	0.01	0.33	0.07	0.01	0.12	<0.01	0.01	0.58	5.81	99.50	0.03								



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		GC204	GC204
		Ga	Ge
		ppm	ppm
		1	1
REP 3206687	QC		
3206690	Drill Core		
REP 3206690	QC		
3206691	Drill Core		
REP 3206691	QC		
3206697	Drill Core	9	8
REP 3206697	QC	9	9
3206707	Drill Core		
REP 3206707	QC		
3206718	Drill Core		
REP 3206718	QC		
3206721	Drill Core		
REP 3206721	QC		
REP 3206722	QC		
3206724	Drill Core		
REP 3206724	QC		
3206726	Drill Core		
REP 3206726	QC		
3206738	Drill Core		
REP 3206738	QC		
3206742	Drill Core		
REP 3206742	QC		
3206753	Drill Core		
REP 3206753	QC		
3206755	Drill Core		
REP 3206755	QC		
REP 3206756	QC		
3206759	Drill Core		
REP 3206759	QC		



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		WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
Core Reject Duplicates																					
3206654	Drill Core	1.42	24.8	39.4	1221.3	7023	6.4	182.8	20.2	37	7.77	288	4.6	1.2	304	24.6	122.0	<0.5	64	0.07	0.089
DUP 3206654	QC		25.3	38.0	1209.1	7212	6.4	175.4	21.8	39	8.14	300	4.9	1.3	326	24.6	125.1	<0.5	64	0.07	0.094
3206688	Drill Core	1.99	14.1	51.8	8514.8	13777	14.6	73.0	12.5	29	13.06	381	3.5	<0.5	37	116.6	112.0	<0.5	21	0.02	0.021
DUP 3206688	QC		14.2	56.2	8902.6	13826	15.2	71.4	14.0	32	13.39	396	3.5	<0.5	36	118.4	111.9	<0.5	20	0.02	0.020
3206722	Drill Core	2.68	4.4	60.9	4790.6	14613	6.5	267.1	31.9	29	25.98	446	0.9	0.8	55	86.8	117.3	<0.5	23	0.04	0.020
DUP 3206722	QC		4.6	65.4	4887.0	14039	6.9	300.4	35.2	33	26.20	476	1.0	0.5	59	87.8	123.5	<0.5	23	0.04	0.021
3206756	Drill Core	2.03	15.3	71.5	909.7	10225	6.8	88.0	16.6	42	18.87	389	1.7	<0.5	32	48.9	126.8	<0.5	47	0.03	0.018
DUP 3206756	QC		15.0	72.8	944.6	10248	6.9	87.3	16.5	42	19.12	384	1.6	<0.5	32	47.7	126.8	<0.5	48	0.03	0.015
Reference Materials																					
STD COO1	Standard																				
STD COO1	Standard																				
STD COO1	Standard																				
STD COO1	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD CZN-4	Standard																				
STD GBM309-15	Standard																				
STD GBM309-15	Standard																				
STD GBM309-15	Standard																				
STD GBM309-15	Standard																				
STD GBM309-14	Standard																				
STD GG-3	Standard																				
STD GG-3	Standard																				
STD GG-3	Standard																				
STD GG-3	Standard																				
STD GG-3	Standard																				



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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
Core Reject Duplicates																					
3206654	Drill Core	1.5	34.9	<0.01	433	<0.001	0.41	<0.01	0.04	<0.5	10.74	2.4	6.8	9.17	<5	<2	65.86	7.62	11.51	0.13	0.08
DUP 3206654	QC	1.6	35.7	<0.01	416	<0.001	0.40	<0.01	0.04	<0.5	10.99	2.2	7.0	9.60	<5	<2	66.39	7.67	11.60	0.12	0.10
3206688	Drill Core	0.5	11.7	<0.01	248	<0.001	0.14	<0.01	0.04	<0.5	21.88	1.2	5.0	16.24	<5	<2	62.70	2.87	19.99	0.05	0.06
DUP 3206688	QC	0.5	12.4	<0.01	226	<0.001	0.14	<0.01	0.05	<0.5	22.79	0.9	5.1	16.38	<5	2	62.45	2.79	19.93	0.04	0.04
3206722	Drill Core	<0.5	30.1	<0.01	118	<0.001	0.15	<0.01	0.05	<0.5	21.29	1.2	4.1	>30	<5	<2	31.86	2.80	40.26	0.08	0.05
DUP 3206722	QC	<0.5	32.1	<0.01	134	0.001	0.15	<0.01	0.05	<0.5	21.39	0.7	4.2	>30	<5	<2	31.08	2.76	40.09	0.06	0.06
3206756	Drill Core	<0.5	11.5	<0.01	62	<0.001	0.08	<0.01	0.03	<0.5	16.88	0.6	3.5	23.28	<5	2	51.34	1.50	28.40	0.06	0.03
DUP 3206756	QC	<0.5	11.0	<0.01	64	<0.001	0.09	<0.01	0.03	<0.5	16.57	<0.5	3.5	23.53	<5	2	50.50	1.49	28.95	0.07	0.03
Reference Materials																					
STD COO1	Standard																				
STD COO1	Standard																				
STD COO1	Standard																				
STD COO1	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD CZN-4	Standard																				
STD GBM309-15	Standard																				
STD GBM309-15	Standard																				
STD GBM309-15	Standard																				
STD GBM309-15	Standard																				
STD GBM309-14	Standard																				
STD GG-3	Standard																				
STD GG-3	Standard																				
STD GG-3	Standard																				
STD GG-3	Standard																				
STD GG-3	Standard																				



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		LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC000	TC000	TC005	TC005	TC006	TC008	TC008	LF726			
		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	Zn		
		%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%		
		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	0.05	0.05	0.1		
Core Reject Duplicates																							
3206654	Drill Core	0.84	0.02	0.47	0.21	0.02	0.72	<0.01	0.11	0.70	10.59	99.19	0.07	2.28	9.60	2.09	0.19	<0.08	9.09	1.51			
DUP 3206654	QC	0.85	0.02	0.52	0.23	0.02	0.73	<0.01	0.12	0.69	10.58	99.96	0.07	2.25	9.20	2.15	0.10	<0.08	8.71	1.49			
3206688	Drill Core	0.44	0.01	0.15	0.06	<0.01	0.26	<0.01	0.80	1.36	11.15	100.35	0.03	0.60	17.37	0.57	0.03	<0.08	16.54	2.50			
DUP 3206688	QC	0.43	0.02	0.15	0.06	0.01	0.25	<0.01	0.82	1.35	11.10	99.90	0.02	0.56	17.00	0.52	0.04	<0.08	16.18	2.48			
3206722	Drill Core	0.46	0.01	0.63	0.09	0.03	0.12	<0.01	0.47	1.42	21.22	99.98	0.03	0.40	31.85	0.39	<0.02	<0.08	30.90	2.86			
DUP 3206722	QC	0.45	0.01	0.65	0.09	0.04	0.11	<0.01	0.46	1.36	21.34	99.01	0.03	0.40	32.71	0.39	<0.02	<0.08	31.79	2.77			
3206756	Drill Core	0.28	<0.01	0.24	0.05	0.01	0.04	<0.01	0.10	0.99	15.60	98.96	0.04	1.06	22.33	0.98	0.07	<0.08	21.71	1.85			
DUP 3206756	QC	0.28	0.02	0.23	0.05	0.01	0.05	<0.01	0.09	0.99	15.97	99.03	0.05	1.01	24.15	0.93	0.07	<0.08	23.56	1.76			
Reference Materials																							
STD COO1	Standard																	2.34					
STD COO1	Standard																	2.37					
STD COO1	Standard																	2.31					
STD COO1	Standard																	2.36					
STD COO2	Standard																	3.34					
STD COO2	Standard																	3.45					
STD COO2	Standard																	3.37					
STD COO2	Standard																	3.39					
STD CZN-4	Standard																						55.8
STD GBM309-15	Standard													0.28	29.70								
STD GBM309-15	Standard													0.25	29.77								
STD GBM309-15	Standard													0.23	28.40								
STD GBM309-15	Standard													0.19	27.84								
STD GBM309-14	Standard																						22.2
STD GG-3	Standard																						
STD GG-3	Standard																						
STD GG-3	Standard																						
STD GG-3	Standard																						
STD GG-3	Standard																						



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		GC204 Ga ppm 1	GC204 Ge ppm 1
Core Reject Duplicates			
3206654	Drill Core		
DUP 3206654	QC		
3206688	Drill Core		
DUP 3206688	QC		
3206722	Drill Core		
DUP 3206722	QC		
3206756	Drill Core		
DUP 3206756	QC		
Reference Materials			
STD COO1	Standard		
STD COO1	Standard		
STD COO1	Standard		
STD COO1	Standard		
STD COO2	Standard		
STD COO2	Standard		
STD COO2	Standard		
STD COO2	Standard		
STD CZN-4	Standard		
STD GBM309-15	Standard		
STD GBM309-15	Standard		
STD GBM309-15	Standard		
STD GBM309-15	Standard		
STD GBM309-14	Standard		
STD GG-3	Standard	367	555
STD GG-3	Standard	370	541
STD GG-3	Standard	384	593
STD GG-3	Standard	362	566
STD GG-3	Standard	366	531



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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 GG-3	Standard																			
STD GGC-10	Standard																			
STD GGC-10	Standard																			
STD GGC-10	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 GS311-1	Standard																			
STD GS910-4	Standard																			
STD GS910-4	Standard																			
STD GS910-4	Standard																			
STD GS910-4	Standard																			
STD GS910-4	Standard																			
STD OREAS135	Standard		7.6	284.0	17056.1	27916	53.9	33.2	29.5	3961	8.82	855	8.4	9.4	22	61.5	31.6	4.0	33	1.86
STD OREAS135	Standard		8.4	281.7	17156.7	28057	56.5	33.9	29.3	3938	8.78	957	10.0	11.4	28	73.7	42.6	5.4	29	1.80
STD OREAS133B(D)	Standard																			
STD OREAS133B(D)	Standard																			
STD OREAS133B(D)	Standard																			
STD OREAS133B(D)	Standard																			
STD OREAS133B(D)	Standard																			
STD OREAS605	Standard		4.9	48334.9	915.1	2173	958.0	1567.0	101.8	82	3.66	1645	0.9	2.3	43	13.7	247.8	16.1	<10	0.19
STD OREAS605	Standard		5.1	48996.0	921.6	2213	954.4	1584.9	100.1	82	3.70	1666	1.0	2.3	46	13.8	260.2	16.1	<10	0.19
STD OREAS605	Standard		5.1	48216.5	871.1	2167	980.0	1618.5	100.7	101	3.71	1732	1.0	2.7	50	14.6	319.6	21.3	12	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 GG-3	Standard																				
STD GGC-10	Standard																				
STD GGC-10	Standard																				
STD GGC-10	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 GS311-1	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD OREAS135	Standard	34.3	21.1	0.80	352	0.024	1.06	0.02	0.49	2.6	1.44	3.7	6.2	7.21	<5	<2					
STD OREAS135	Standard	41.7	20.0	0.83	416	0.026	1.08	0.02	0.49	2.8	1.35	3.9	6.8	7.15	<5	<2					
STD OREAS133B(D)	Standard																34.91	6.98	11.55	5.35	3.83
STD OREAS133B(D)	Standard																35.09	7.01	11.61	5.40	3.88
STD OREAS133B(D)	Standard																35.23	7.02	11.67	5.38	3.87
STD OREAS133B(D)	Standard																34.90	6.99	11.58	5.34	3.83
STD OREAS133B(D)	Standard																34.79	6.93	11.49	5.30	3.83
STD OREAS605	Standard	6.9	30.7	0.03	263	0.009	0.70	0.03	0.13	6.8	1.70	1.3	15.3	7.82	7	75					
STD OREAS605	Standard	7.3	28.3	0.03	164	0.010	0.72	0.03	0.16	6.5	2.10	1.8	15.6	7.74	7	80					
STD OREAS605	Standard	8.8	28.9	0.03	220	0.010	0.72	0.03	0.13	7.1	1.73	1.3	16.1	7.84	7	81					



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		LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC000	TC000	TC005	TC005	TC006	TC008	TC008	LF726	
		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	Zn
		%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		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	0.05	0.05	0.1
STD GG-3	Standard																				
STD GGC-10	Standard	4.66																			
STD GGC-10	Standard	4.67																			
STD GGC-10	Standard	4.83																			
STD GGC-10	Standard	4.72																			
STD GGC-10	Standard	4.76																			
STD GGC-10	Standard	4.77																			
STD GGC-10	Standard	4.99																			
STD GGC-10	Standard	5.07																			
STD GS311-1	Standard	1.05 2.25																			
STD GS311-1	Standard	1.03 2.14																			
STD GS311-1	Standard	0.98 2.42																			
STD GS311-1	Standard	0.95 2.41																			
STD GS311-1	Standard	0.98 2.34																			
STD GS910-4	Standard	2.72 8.06																			
STD GS910-4	Standard	2.72 8.06																			
STD GS910-4	Standard	2.66 8.71																			
STD GS910-4	Standard	2.63 8.34																			
STD GS910-4	Standard	2.72 8.59																			
STD OREAS135	Standard																				
STD OREAS135	Standard																				
STD OREAS133B(D)	Standard	3.46	0.16	0.20	0.12	<0.01	0.08	0.06	5.07	11.38	13.03	99.57	0.01								
STD OREAS133B(D)	Standard	3.49	0.17	0.20	0.12	<0.01	0.07	0.06	5.07	11.47	13.03	100.03	0.01								
STD OREAS133B(D)	Standard	3.53	0.16	0.20	0.13	<0.01	0.07	0.06	5.07	11.47	13.03	100.33	<0.01								
STD OREAS133B(D)	Standard	3.49	0.16	0.20	0.12	<0.01	0.07	0.06	5.08	11.40	13.03	99.60	<0.01								
STD OREAS133B(D)	Standard	3.44	0.16	0.20	0.13	<0.01	0.07	0.06	5.07	11.40	13.03	99.33	0.01								
STD OREAS605	Standard																				
STD OREAS605	Standard																				
STD OREAS605	Standard																				



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		GC204 Ga ppm 1	GC204 Ge ppm 1
STD GG-3	Standard	369	565
STD GGC-10	Standard		
STD GGC-10	Standard		
STD GGC-10	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 GS311-1	Standard		
STD GS910-4	Standard		
STD GS910-4	Standard		
STD GS910-4	Standard		
STD GS910-4	Standard		
STD GS910-4	Standard		
STD OREAS135	Standard		
STD OREAS135	Standard		
STD OREAS133B(D)	Standard		
STD OREAS133B(D)	Standard		
STD OREAS133B(D)	Standard		
STD OREAS133B(D)	Standard		
STD OREAS133B(D)	Standard		
STD OREAS605	Standard		
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	48121.2	858.8	2054	978.6	1570.8	97.7	82	3.74	1689	0.8	2.3	49	14.1	281.6	18.1	<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	10785.3	217.3	735	3.8	28.2	30.0	1012	8.09	12	1.5	12.3	10	0.9	1.1	57.3	35	0.30	0.058
STD OREAS927-AR	Standard		1.0	10710.5	209.1	711	4.8	30.2	27.8	1074	8.07	13	1.7	12.5	13	1.3	1.4	64.6	32	0.29	0.057
STD RTS-3A	Standard																				
STD RTS-3A	Standard																				
STD RTS-3A	Standard																				
STD RTS-3A	Standard																				
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 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	86	3.75	1674	0.92		49	13.6	307	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 RTS-3A Expected																					
STD SY-4(D) Expected																					
STD OREAS72B Expected																					
STD OREAS133B(D) 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	7.4	27.0	0.02	165	0.010	0.72	0.03	0.12	7.3	1.71	1.6	15.6	7.87	7	76					
STD OREAS72B	Standard																51.14	8.92	9.83	3.96	15.93
STD OREAS72B	Standard																51.14	8.97	9.71	3.96	15.96
STD OREAS72B	Standard																51.17	8.93	9.83	3.95	15.94
STD OREAS72B	Standard																51.17	8.97	9.92	3.96	16.02
STD OREAS72B	Standard																51.19	8.95	9.80	3.95	16.03
STD OREAS927-AR	Standard	23.6	40.6	1.89	41	0.076	3.21	<0.01	0.26	4.3	0.21	5.4	<0.5	1.81	9	15					
STD OREAS927-AR	Standard	26.0	44.9	1.94	46	0.081	3.26	<0.01	0.27	5.0	0.19	3.4	<0.5	1.77	10	13					
STD RTS-3A	Standard																				
STD RTS-3A	Standard																				
STD RTS-3A	Standard																				
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																49.84	20.70	6.19	7.97	0.53
STD SY-4(D)	Standard																49.89	20.68	6.21	8.03	0.53
STD SY-4(D)	Standard																49.83	20.71	6.16	7.98	0.52
STD SY-4(D)	Standard																49.75	20.72	6.21	8.00	0.53
STD SY-4(D)	Standard																49.86	20.74	6.23	8.01	0.54
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	27.5	0.0289	160	0.01	0.73	0.0328	0.134	7.1	1.7	1.05	15.9	7.86	6.7	79					
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 RTS-3A 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



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		LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC000	TC000	TC005	TC005	TC006	TC008	TC008	LF726		
		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	Zn	
		%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
		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	0.05	0.05	0.1	
STD OREAS605	Standard																					
STD OREAS72B	Standard	1.33	0.14	0.34	0.05	0.15	0.02	0.02	<0.01	<0.01	5.12	98.24	0.01									
STD OREAS72B	Standard	1.32	0.13	0.34	0.06	0.16	0.03	0.02	<0.01	<0.01	5.12	98.21	0.01									
STD OREAS72B	Standard	1.32	0.14	0.33	0.06	0.15	0.03	0.02	<0.01	<0.01	5.12	98.32	0.01									
STD OREAS72B	Standard	1.34	0.13	0.33	0.06	0.15	0.03	0.02	<0.01	<0.01	5.12	98.56	0.01									
STD OREAS72B	Standard	1.32	0.14	0.35	0.06	0.15	0.03	0.02	<0.01	0.01	5.12	98.43	0.01									
STD OREAS927-AR	Standard																					
STD OREAS927-AR	Standard																					
STD RTS-3A	Standard																					
STD RTS-3A	Standard																					
STD RTS-3A	Standard																					
STD RTS-3A	Standard																					
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	1.67	0.12	0.30	0.13	<0.01	0.04	<0.01	<0.01	<0.01	4.56	99.20	<0.01									
STD SY-4(D)	Standard	1.68	0.12	0.30	0.12	<0.01	0.04	<0.01	<0.01	<0.01	4.56	99.28	<0.01									
STD SY-4(D)	Standard	1.66	0.12	0.30	0.12	<0.01	0.04	<0.01	0.01	0.01	4.56	99.14	<0.01									
STD SY-4(D)	Standard	1.66	0.11	0.30	0.12	<0.01	0.03	<0.01	0.01	0.01	4.56	99.13	<0.01									
STD SY-4(D)	Standard	1.68	0.11	0.30	0.13	<0.01	0.04	<0.01	<0.01	0.01	4.56	99.35	<0.01									
STD OREAS135 Expected																						
STD OREAS605 Expected																						
STD OREAS927-AR Expected																						
STD RTS-3A Expected																						
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																						



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		GC204 Ga ppm 1	GC204 Ge ppm 1
STD OREAS605	Standard		
STD OREAS72B	Standard		
STD OREAS72B	Standard		
STD OREAS72B	Standard		
STD OREAS72B	Standard		
STD OREAS72B	Standard		
STD OREAS927-AR	Standard		
STD OREAS927-AR	Standard		
STD RTS-3A	Standard		
STD RTS-3A	Standard		
STD RTS-3A	Standard		
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 OREAS135 Expected			
STD OREAS605 Expected			
STD OREAS927-AR Expected			
STD RTS-3A Expected			
STD SY-4(D) Expected			
STD OREAS72B Expected			
STD OREAS133B(D) Expected			



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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	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 GBM309-15 Expected																					
STD CZN-4 Expected																					
STD GBM309-14 Expected																					
STD GGC-10 Expected																					
STD COO1 Expected																					
STD COO2 Expected																					
STD GG-3 Expected																					
STD GS311-1 Expected																					
STD GS910-4 Expected																					
BLK	Blank	<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	<0.001
BLK	Blank	<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	<0.001
BLK	Blank																				
BLK	Blank	<0.5	<0.5	1.2	<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	<0.001
BLK	Blank																				
BLK	Blank	<0.5	<0.5	<0.5	22	<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	<0.001
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
SI BLK	Blank																				
SI BLK	Blank																				
SI BLK	Blank																				
SI BLK	Blank																				
SI 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	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 GBM309-15 Expected																					
STD CZN-4 Expected																					
STD GBM309-14 Expected																					
STD GGC-10 Expected																					
STD COO1 Expected																					
STD COO2 Expected																					
STD GG-3 Expected																					
STD GS311-1 Expected																					
STD GS910-4 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																				
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	<0.5	1.0	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	<0.05	<0.5	<0.5	<0.05	<5	<2					
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
SI BLK	Blank																99.52	0.31	0.03	0.03	0.03
SI BLK	Blank																99.20	0.32	0.03	0.03	0.02
SI BLK	Blank																98.96	0.32	0.02	0.02	0.02
SI BLK	Blank																98.55	0.32	0.03	0.02	0.02
SI BLK	Blank																98.60	0.32	0.03	0.02	0.01



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		LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC000	TC000	TC005	TC005	TC006	TC008	TC008	LF726	
		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	Zn	
		%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
		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	0.05	0.05	0.1	
STD GBM309-15 Expected															0.22	28.84						
STD CZN-4 Expected															55.07							
STD GBM309-14 Expected															22.7192							
STD GGC-10 Expected															4.79							
STD COO1 Expected															2.37							
STD COO2 Expected															3.43							
STD GG-3 Expected																						
STD GS311-1 Expected															1.02	2.35						
STD GS910-4 Expected															2.65	8.27						
BLK	Blank																					
BLK	Blank																					
BLK	Blank	0.06																				
BLK	Blank																					
BLK	Blank	<0.05																				
BLK	Blank																					
BLK	Blank	<0.05																				
BLK	Blank														<0.02	<0.02						
BLK	Blank														<0.05							
BLK	Blank														<0.02	<0.02						
BLK	Blank														<0.02							
BLK	Blank														<0.02							
BLK	Blank														<0.02	<0.02						
BLK	Blank														<0.02							
BLK	Blank														<0.05							
SI BLK	Blank	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.00	99.92	<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	99.61	<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	99.35	<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	98.96	<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	98.98	<0.01									



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	GC204 Ga ppm 1	GC204 Ge ppm 1
STD GBM309-15 Expected		
STD CZN-4 Expected		
STD GBM309-14 Expected		
STD GGC-10 Expected		
STD COO1 Expected		
STD COO2 Expected		
STD GG-3 Expected	370	600
STD GS311-1 Expected		
STD GS910-4 Expected		
BLK Blank		
BLK Blank		
BLK Blank		
BLK Blank		
BLK Blank		
BLK Blank		
BLK Blank		
BLK Blank		
BLK Blank		
BLK Blank		
BLK Blank		
BLK Blank		
BLK Blank		
BLK Blank		
BLK Blank		
BLK Blank		
BLK Blank		
SI BLK Blank		
SI BLK Blank		
SI BLK Blank		
SI BLK Blank		
SI BLK Blank		



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		WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
BLK	Blank																				
BLK	Blank																				
SI BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
ROCK-WHI	Prep Blank		1.1	7.1	1.8	100	<0.5	2.3	5.2	648	2.03	<5	<0.5	2.1	25	<0.5	<0.5	<0.5	25	0.66	0.050
ROCK-WHI	Prep Blank		1.0	3.5	3.1	59	<0.5	1.8	5.1	626	2.06	<5	<0.5	2.2	24	<0.5	<0.5	<0.5	25	0.66	0.046



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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
BLK	Blank																				
BLK	Blank																				
SI BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
ROCK-WHI	Prep Blank	6.3	3.8	0.54	63	0.086	0.93	0.08	0.09	<0.5	0.06	3.9	<0.5	<0.05	<5	<2	70.94	14.27	3.31	2.28	1.05
ROCK-WHI	Prep Blank	6.4	3.1	0.53	62	0.092	0.95	0.09	0.09	<0.5	<0.05	5.0	<0.5	<0.05	<5	<2	70.17	14.09	3.40	2.25	1.04



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		LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC000	TC000	TC005	TC005	TC006	TC008	TC008	LF726		
		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	Zn	
		%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%		
		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	0.05	0.05	0.1	
BLK	Blank													<0.02	<0.02							
BLK	Blank																<0.02					
SI BLK	Blank																<0.1					
BLK	Blank																<0.02					
BLK	Blank																		<0.08			
BLK	Blank																		<0.08			
BLK	Blank																		<0.08			
BLK	Blank																		<0.08			
BLK	Blank																					
BLK	Blank																					
BLK	Blank													<0.02	<0.02							
Prep Wash																						
ROCK-WHI	Prep Blank	1.87	0.10	0.36	0.10	<0.01	0.08	<0.01	<0.01	<0.01	0.96	99.89	<0.01	0.12	<0.02	0.06	<0.02	0.19	<0.05	0.70		
ROCK-WHI	Prep Blank	1.75	0.10	0.36	0.09	<0.01	0.07	<0.01	<0.01	<0.01	0.97	98.97	<0.01	0.12	<0.02	0.08	<0.02	0.13	<0.05	0.74		



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		GC204	GC204
		Ga	Ge
		ppm	ppm
		1	1
BLK	Blank		
BLK	Blank		
SI BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank	<1	<1
BLK	Blank	<1	<1
BLK	Blank	<1	<1
BLK	Blank		
Prep Wash			
ROCK-WHI	Prep Blank		
ROCK-WHI	Prep Blank		