



**BUREAU
VERITAS**

MINERAL LABORATORIES
Canada

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client:

Fireweed Zinc Ltd.

Suite 1020, 800 Pender Street

Vancouver British Columbia V5C 2V6 Canada

Submitted By: Confirmation & Email Distribution List

Receiving Lab: Canada-Whitehorse

Received: September 17, 2019

Report Date: September 27, 2019

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CERTIFICATE OF ANALYSIS

WHI19000550.1

CLIENT JOB INFORMATION

Project: MacMillan Pass
Shipment ID: FWZ-19-BV-026
P.O. Number
Number of Samples: 138

SAMPLE DISPOSAL

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

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

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

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-500	133	Crush, split and pulverize 500g rock to 200 mesh			WHI
SLBHP	5	Sort, label and box pulps			WHI
CRUBW	133	Extra clean rock wash between samples in crusher			WHI
PULSW	133	Extra Wash with Silica between each sample			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	11	Li2B4O7/LiBO2 fusion, analysis by XRF		Completed	VAN

ADDITIONAL COMMENTS

V2O5 from LF725 is Qualitative Data only.


SOFIA DEVOTA
XRF Manager

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
3201191	Drill Core	1.13	5.0	16.1	52.9	1635	1.2	120.9	14.5	2081	6.20	118	1.4	0.9	58	5.7	33.6	<0.5	48	0.16	0.048
3201192	Drill Core	1.12	4.3	24.2	1072.2	6185	1.0	64.7	8.3	677	2.84	50	1.8	1.7	233	8.6	24.0	<0.5	45	0.48	0.198
3201193	Drill Core	1.33	7.2	26.9	71.6	1466	1.7	104.8	14.1	1456	5.29	120	2.1	1.4	125	4.5	37.5	<0.5	58	0.33	0.131
3201194	Drill Core	1.43	6.5	23.6	323.8	885	2.8	475.2	71.8	9801	26.07	631	2.2	1.1	174	2.5	43.2	<0.5	168	0.61	0.157
3201195	Drill Core	1.04	6.0	14.7	197.8	821	1.7	301.0	37.7	8632	22.65	355	2.9	1.2	178	2.7	24.3	<0.5	164	0.60	0.139
3201196	Drill Core	1.05	7.2	35.2	107.8	11751	1.8	145.7	14.8	502	2.51	155	8.0	0.8	101	52.0	23.5	<0.5	123	0.23	0.122
3201197	Drill Core	1.47	1.8	15.6	117.6	715	1.8	51.6	5.3	1711	4.87	42	1.5	0.9	81	9.0	14.7	<0.5	66	0.14	0.066
3201198	Drill Core	1.64	1.0	51.3	55.9	43628	3.4	62.1	5.3	373	1.70	79	1.7	<0.5	55	135.0	14.8	<0.5	23	0.04	0.033
3201199	Drill Core	0.71	2.3	22.4	77.2	23663	1.4	81.9	5.3	1695	5.53	73	14.1	<0.5	118	125.8	25.7	<0.5	104	0.10	0.107
3201200	Rock Pulp	0.06	4.3	465.3	34958.2	48309	56.5	18.3	45.3	2362	7.23	152	1.6	7.0	26	171.7	48.9	<0.5	12	4.93	0.050
3201201	Drill Core	0.40	1.5	62.8	57.6	78310	3.6	71.7	6.0	655	2.80	73	5.1	<0.5	43	238.3	20.8	<0.5	41	0.05	0.051
3201202	Drill Core	0.61	1.8	62.6	58.0	75581	3.9	85.6	5.3	705	2.70	81	10.0	<0.5	80	217.7	24.8	<0.5	63	0.07	0.097
3201203	Drill Core	0.84	1.6	122.4	124.2	115290	14.0	98.4	6.8	132	4.25	196	6.6	<0.5	171	530.2	60.8	<0.5	46	0.11	0.095
3201204	Drill Core	1.24	2.4	27.8	113.3	6162	1.4	96.5	8.2	744	3.44	66	8.9	0.8	155	30.8	25.6	<0.5	56	0.12	0.090
3201205	Drill Core	1.37	1.6	18.1	287.0	4806	1.2	46.1	4.6	2757	8.98	61	2.2	<0.5	30	25.0	16.7	<0.5	34	0.11	0.026
3201206	Drill Core	2.10	2.6	23.1	40.0	1490	<0.5	38.7	9.8	19	0.52	58	5.1	1.8	169	9.2	11.5	<0.5	24	0.23	0.121
3201207	Drill Core	1.67	2.2	25.2	72.6	7691	0.8	37.3	8.5	215	1.65	49	4.2	0.6	47	38.6	16.9	<0.5	20	0.07	0.046
3201208	Drill Core	1.36	1.4	7.1	28.2	3951	<0.5	24.2	5.3	980	3.80	16	0.6	0.6	46	15.8	11.0	<0.5	22	0.09	0.037
3201209	Drill Core	1.32	3.1	34.6	104.3	11776	1.3	46.6	14.8	1046	4.95	63	6.6	0.7	57	72.0	30.4	<0.5	31	0.10	0.056
3201210	Drill Core	1.13	1.4	9.8	41.7	1527	0.6	33.5	10.5	771	2.99	32	1.6	0.5	28	10.5	14.6	<0.5	18	0.06	0.030
3201211	Drill Core	0.99	1.6	10.9	43.3	4667	0.7	39.0	7.8	701	2.89	31	3.5	<0.5	51	28.8	15.8	<0.5	22	0.10	0.049
3201212	Drill Core	1.07	3.6	93.2	101.0	72195	7.3	50.4	8.5	2368	8.54	68	11.6	1.3	129	475.1	23.5	<0.5	88	0.29	0.172
3201213	Drill Core	0.73	1.6	145.4	120.9	91326	9.5	39.6	16.0	2054	7.16	71	1.5	1.5	115	441.5	38.8	<0.5	43	0.25	0.107
3201214	Drill Core	1.68	3.4	85.8	103.3	25511	2.8	52.8	14.4	1372	5.88	75	1.0	1.4	116	125.5	41.3	<0.5	55	0.23	0.095
3201215	Drill Core	2.24	2.3	55.0	49.6	8417	0.9	40.1	15.0	1686	5.64	49	1.1	1.7	101	50.6	18.6	<0.5	37	0.16	0.058
3201216	Drill Core	1.55	1.8	9.5	33.5	109	<0.5	30.7	8.1	1929	6.30	39	2.2	1.5	97	3.3	12.3	<0.5	44	0.14	0.047
3201217	Drill Core	2.08	2.3	27.3	59.9	101	1.2	44.2	12.1	2329	7.73	53	1.6	1.6	94	3.5	26.1	<0.5	70	0.19	0.061
3201218	Drill Core	1.96	1.9	28.2	47.4	3757	0.8	39.6	11.0	1637	5.39	45	1.3	1.5	101	24.1	16.2	<0.5	36	0.18	0.074
3201219	Drill Core	2.08	1.9	10.1	107.0	2457	0.7	34.6	10.9	2649	8.46	47	0.5	1.5	110	13.8	10.6	<0.5	53	0.22	0.070
3201220	Drill Core	1.27	0.8	44.3	2.6	33	<0.5	4.0	8.2	446	2.82	<5	0.8	2.4	108	<0.5	<0.5	<0.5	104	1.16	0.053



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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
3201191	Drill Core	0.6	25.4	0.12	62	0.001	0.11	<0.01	0.03	<0.5	1.38	4.1	<0.5	1.52	<5	3	79.10	3.79	9.46	0.24	0.25
3201192	Drill Core	2.6	20.7	0.05	1499	0.003	0.37	<0.01	0.13	<0.5	1.41	2.2	1.0	1.62	<5	3	76.32	5.44	4.36	0.70	0.17
3201193	Drill Core	3.5	22.5	0.10	151	0.002	0.24	<0.01	0.09	<0.5	1.35	4.6	1.1	2.12	<5	4	78.45	6.00	8.01	0.48	0.24
3201194	Drill Core	1.2	259.1	0.59	78	0.006	0.46	<0.01	0.02	<0.5	1.08	17.1	0.5	1.78	<5	5	27.43	6.40	39.34	0.86	1.02
3201195	Drill Core	1.2	228.7	0.45	74	0.004	0.64	<0.01	0.02	<0.5	0.84	13.7	<0.5	0.63	<5	4	35.76	6.78	34.08	0.85	0.90
3201196	Drill Core	0.7	43.2	0.04	85	0.003	1.17	<0.01	0.04	<0.5	10.79	3.1	<0.5	1.54	<5	<2	81.97	5.31	3.74	0.34	0.09
3201197	Drill Core	1.6	17.5	0.11	90	0.001	0.35	<0.01	0.05	<0.5	0.77	3.8	<0.5	0.58	<5	<2	80.11	4.97	7.44	0.22	0.24
3201198	Drill Core	<0.5	12.8	0.03	60	<0.001	0.32	<0.01	0.03	<0.5	40.67	1.2	<0.5	2.57	<5	<2	85.28	2.68	2.64	0.06	0.08
3201199	Drill Core	0.8	29.8	0.12	3167	0.002	1.16	<0.01	0.03	<0.5	22.75	8.5	<0.5	1.72	<5	<2	75.41	4.20	8.31	0.16	0.24
3201200	Rock Pulp	24.6	14.9	2.66	263	0.020	1.02	0.01	0.75	0.5	1.20	2.9	46.7	8.09	<5	<2	38.20	7.61	10.90	6.93	4.88
3201201	Drill Core	0.6	18.8	0.06	117	0.002	0.55	<0.01	0.03	<0.5	70.86	3.9	<0.5	4.30	<5	<2	78.35	2.99	4.17	0.07	0.12
3201202	Drill Core	0.6	27.6	0.06	851	0.001	0.89	<0.01	0.03	<0.5	65.87	5.3	<0.5	4.13	5	<2	75.99	3.58	4.03	0.12	0.12
3201203	Drill Core	0.7	19.8	0.01	57	0.001	0.73	<0.01	0.03	<0.5	81.48	2.8	1.1	9.89	<5	<2	67.77	3.61	6.12	0.17	0.05
3201204	Drill Core	1.5	25.6	0.05	500	0.001	0.74	<0.01	0.05	<0.5	6.91	3.5	0.6	1.67	<5	<2	81.49	5.76	5.26	0.22	0.14
3201205	Drill Core	<0.5	8.9	0.25	36	<0.001	0.24	<0.01	0.01	<0.5	4.91	4.1	0.6	1.96	<5	<2	74.68	2.10	13.48	0.16	0.51
3201206	Drill Core	3.4	21.7	<0.01	186	0.001	0.44	<0.01	0.12	<0.5	1.68	1.7	0.6	0.54	<5	<2	79.63	11.82	0.95	0.36	0.11
3201207	Drill Core	0.7	13.3	0.04	3487	<0.001	0.27	<0.01	0.04	<0.5	6.18	1.4	<0.5	1.45	<5	<2	87.97	3.47	2.65	0.12	0.11
3201208	Drill Core	1.0	8.9	0.14	82	<0.001	0.18	<0.01	0.05	<0.5	3.37	2.1	<0.5	0.80	<5	<2	84.14	3.29	5.82	0.15	0.31
3201209	Drill Core	0.9	15.9	0.15	79	0.001	0.34	<0.01	0.05	<0.5	10.06	2.5	<0.5	2.50	<5	<2	81.38	3.22	7.32	0.15	0.28
3201210	Drill Core	0.7	8.3	0.09	68	<0.001	0.18	<0.01	0.04	<0.5	1.81	0.8	<0.5	0.83	<5	<2	87.30	3.05	4.66	0.09	0.21
3201211	Drill Core	0.6	10.3	0.08	77	<0.001	0.25	<0.01	0.05	<0.5	4.12	2.2	<0.5	1.03	<5	<2	87.51	2.97	4.48	0.15	0.19
3201212	Drill Core	1.7	35.6	0.30	145	0.003	1.06	<0.01	0.10	<0.5	60.76	6.1	<0.5	4.33	<5	<2	58.41	6.48	12.67	0.43	0.58
3201213	Drill Core	1.5	17.3	0.28	129	0.001	0.43	<0.01	0.08	<0.5	60.52	5.1	1.2	5.36	7	2	63.02	3.71	10.23	0.37	0.49
3201214	Drill Core	2.2	16.1	0.17	151	0.001	0.46	<0.01	0.11	<0.5	20.23	4.7	1.0	2.98	<5	3	69.54	6.13	8.74	0.33	0.39
3201215	Drill Core	2.9	14.5	0.19	138	0.001	0.37	<0.01	0.11	<0.5	7.58	3.2	0.6	1.17	<5	<2	71.80	8.54	8.49	0.24	0.41
3201216	Drill Core	3.0	17.1	0.22	133	<0.001	0.36	<0.01	0.10	<0.5	0.45	4.8	<0.5	0.33	<5	<2	70.00	9.21	9.64	0.22	0.50
3201217	Drill Core	2.9	18.0	0.26	136	<0.001	0.34	<0.01	0.10	<0.5	0.47	6.8	<0.5	0.53	<5	<2	67.68	8.57	11.67	0.27	0.56
3201218	Drill Core	2.4	13.7	0.18	137	0.002	0.39	<0.01	0.11	<0.5	2.90	3.6	<0.5	0.69	<5	<2	74.24	7.82	8.24	0.28	0.41
3201219	Drill Core	2.4	17.7	0.32	141	0.001	0.33	<0.01	0.10	<0.5	2.13	5.3	0.5	0.63	<5	<2	67.62	7.62	12.86	0.33	0.65
3201220	Drill Core	7.0	4.2	0.81	183	0.189	2.04	0.30	0.30	<0.5	0.17	3.8	<0.5	<0.05	6	<2	60.31	16.77	6.37	6.20	2.85



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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
3201191 Drill Core	0.25	0.28	0.35	0.12	<0.01	0.06	<0.01	<0.01	0.18	5.37	99.55	0.02	1.47	1.65	0.41	0.04	3.74	1.33	0.97	
3201192 Drill Core	0.85	0.09	0.45	0.52	0.01	3.18	<0.01	0.11	0.66	4.25	97.71	0.04	0.98	2.56	0.53	0.13	1.16	1.47	3.26	
3201193 Drill Core	0.60	0.20	0.46	0.35	0.01	0.10	<0.01	0.02	0.16	5.92	101.11	0.05	1.95	2.27	1.10	0.15	2.57	1.99	0.82	
3201194 Drill Core	0.18	1.25	1.27	0.41	0.06	0.05	<0.01	0.04	0.09	20.78	99.26	0.06	6.56	1.91	1.16	0.03	19.70	1.05	2.58	
3201195 Drill Core	0.21	1.10	1.37	0.40	0.06	0.05	<0.01	0.03	0.09	18.05	99.82	0.06	5.85	0.72	1.14	0.03	17.14	0.24	1.44	
3201196 Drill Core	0.32	0.07	0.51	0.30	0.01	0.07	<0.01	0.02	1.25	3.86	98.21	0.04	0.60	1.76	0.38	0.03	0.69	1.09	1.99	
3201197 Drill Core	0.44	0.25	0.26	0.15	<0.01	0.08	<0.01	0.02	0.08	5.04	99.35	0.03	1.46	0.66	0.48	0.08	3.32	0.46	0.60	
3201198 Drill Core	0.24	0.06	0.09	0.07	<0.01	0.05	<0.01	0.01	4.33	2.60	99.27	<0.01	0.32	2.75	0.15	<0.02	0.60	0.76	5.99	
3201199 Drill Core	0.21	0.21	0.09	0.25	<0.01	0.39	<0.01	0.02	2.55	6.35	99.07	0.02	1.35	1.78	0.32	<0.02	3.71	0.33	4.35	
3201200 Rock Pulp	3.62	0.30	0.24	0.11	<0.01	0.08	0.04	3.61	5.03	16.66	99.91	<0.01	3.29	8.21	0.82	<0.02	9.04	4.21	11.99	
3201201 Drill Core	0.23	0.09	0.08	0.12	<0.01	0.05	<0.01	0.02	7.82	4.19	100.25	0.01	0.50	4.46	0.19	<0.02	1.09	0.75	11.13	
3201202 Drill Core	0.22	0.08	0.08	0.23	<0.01	0.13	<0.01	<0.01	7.58	4.74	98.83	0.01	0.54	4.46	0.20	<0.02	1.19	0.64	11.47	
3201203 Drill Core	0.23	0.03	0.14	0.24	<0.01	0.03	<0.01	0.02	11.64	6.72	99.76	0.01	0.28	9.86	0.19	0.04	0.20	4.26	16.77	
3201204 Drill Core	0.54	0.10	0.27	0.24	<0.01	0.13	<0.01	0.02	0.69	4.38	99.54	0.02	0.80	1.70	0.26	0.09	1.65	1.23	1.41	
3201205 Drill Core	0.14	0.38	0.08	0.07	<0.01	0.01	<0.01	0.04	0.53	7.53	99.86	<0.01	1.98	2.13	0.37	<0.02	5.86	1.48	1.96	
3201206 Drill Core	1.50	0.01	0.76	0.34	0.01	0.19	<0.01	0.01	0.16	3.24	99.30	0.04	0.71	0.61	0.52	0.19	<0.08	0.53	0.25	
3201207 Drill Core	0.45	0.04	0.18	0.13	0.01	0.49	<0.01	0.02	0.85	2.37	99.14	0.01	0.36	1.51	0.21	0.04	0.42	0.95	1.67	
3201208 Drill Core	0.48	0.14	0.20	0.09	<0.01	0.07	<0.01	0.01	0.44	3.58	98.91	0.01	0.99	0.81	0.28	0.04	2.46	0.50	0.94	
3201209 Drill Core	0.41	0.14	0.20	0.15	<0.01	0.06	<0.01	0.02	1.27	4.64	99.63	0.01	1.01	2.45	0.32	0.02	2.44	1.66	2.37	
3201210 Drill Core	0.40	0.11	0.13	0.06	<0.01	0.06	<0.01	0.02	0.16	2.85	99.20	0.01	0.73	0.83	0.23	0.03	1.73	0.64	0.55	
3201211 Drill Core	0.39	0.10	0.14	0.11	0.01	0.05	<0.01	0.01	0.51	2.94	99.73	0.01	0.67	1.07	0.23	0.03	1.52	0.75	0.96	
3201212 Drill Core	0.72	0.31	0.38	0.38	0.02	0.10	<0.01	0.01	7.34	9.78	99.49	0.04	2.19	4.25	0.55	0.02	5.91	0.59	10.99	
3201213 Drill Core	0.61	0.25	0.33	0.26	<0.01	0.08	<0.01	0.03	9.11	7.81	98.63	0.02	1.77	5.34	0.51	0.02	4.51	0.98	13.07	
3201214 Drill Core	0.91	0.18	0.38	0.23	0.02	0.12	<0.01	0.02	2.76	6.44	96.94	0.03	1.59	3.27	0.69	0.06	3.10	1.82	4.35	
3201215 Drill Core	1.07	0.21	0.49	0.16	0.02	0.14	<0.01	<0.01	0.92	6.32	99.15	0.03	1.66	1.15	0.57	0.05	3.80	0.60	1.66	
3201216 Drill Core	1.06	0.27	0.53	0.14	0.01	0.14	<0.01	0.01	0.01	6.91	98.75	0.02	1.90	0.34	0.55	0.04	4.82	0.23	0.34	
3201217 Drill Core	0.98	0.32	0.52	0.15	0.02	0.12	<0.01	0.01	0.01	7.99	98.99	0.03	2.36	0.61	0.73	0.06	5.76	0.45	0.49	
3201218 Drill Core	0.89	0.22	0.49	0.19	0.01	0.12	<0.01	0.01	0.42	5.98	99.50	0.03	1.73	0.70	0.62	0.10	3.74	0.37	0.99	
3201219 Drill Core	0.94	0.35	0.48	0.18	0.01	0.12	<0.01	0.02	0.27	8.27	99.87	0.03	2.53	0.66	0.69	0.09	6.42	0.36	0.90	
3201220 Drill Core	1.51	0.14	0.54	0.14	<0.01	0.05	<0.01	<0.01	<0.01	0.98	99.15	0.02	0.03	<0.02	0.03	<0.02	<0.08	<0.05	0.13	



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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
3201221	Drill Core	1.76	2.0	64.9	440.0	31366	2.7	33.9	10.2	1247	4.33	40	0.9	1.7	121	131.2	16.0	<0.5	36	0.21	0.084			
3201222	Drill Core	1.89	2.0	30.0	480.6	25840	2.8	38.0	11.3	1431	4.73	47	1.2	1.7	126	113.8	16.6	<0.5	38	0.22	0.098			
3201223	Drill Core	1.60	1.8	13.8	845.1	13869	1.9	43.3	18.4	3318	10.99	57	<0.5	1.1	67	76.0	16.9	<0.5	41	0.17	0.046			
3201224	Drill Core	2.19	1.5	39.9	3056.3	42874	6.5	35.4	12.9	2068	7.57	52	<0.5	1.3	79	227.4	19.5	<0.5	41	0.18	0.062			
3201225	Drill Core	1.44	1.7	65.1	235.4	54859	3.9	40.1	12.5	2223	7.63	53	0.6	1.2	93	349.9	22.9	<0.5	36	0.20	0.072			
3201226	Drill Core	1.68	2.6	70.6	424.5	37405	4.5	44.1	16.4	2176	7.65	64	0.8	1.4	74	267.1	35.9	<0.5	46	0.17	0.057			
3201227	Drill Core	1.72	3.8	51.8	144.3	21609	2.8	44.4	11.5	1091	4.68	43	0.9	1.4	90	130.3	38.8	<0.5	36	0.16	0.074			
3201228	Drill Core	2.86	6.0	75.8	174.9	15622	3.4	59.9	13.6	232	1.92	71	3.4	1.4	71	79.2	48.3	<0.5	29	0.11	0.058			
3201229	Drill Core	2.51	2.9	940.6	2868.3	>200000	57.3	82.6	25.4	73	2.24	268	0.8	0.7	25	1823.5	238.5	<0.5	<10	0.09	0.028			
3201230	Drill Core	2.02	0.5	790.4	2000.5	>200000	50.2	63.6	33.3	287	2.96	146	<0.5	<0.5	21	2508.8	267.3	<0.5	<10	0.05	<0.001			
3201231	Drill Core	1.96	1.2	625.1	640.2	>200000	49.4	53.8	33.1	3530	13.67	147	<0.5	1.2	18	1882.5	313.6	<0.5	62	0.12	0.017			
3201232	Drill Core	1.95	<0.5	174.7	453.6	89465	12.6	27.3	14.3	8131	27.47	62	<0.5	<0.5	9	440.0	95.6	<0.5	40	0.29	0.004			
3201233	Drill Core	1.34	0.5	333.8	164.5	>200000	22.7	19.6	5.1	3813	15.97	30	0.7	<0.5	16	994.0	131.1	<0.5	44	0.12	0.010			
3201234	Drill Core	1.29	0.8	95.8	141.9	51041	6.1	19.9	5.6	7005	24.30	28	<0.5	0.6	27	360.7	49.0	<0.5	57	0.22	0.022			
3201235	Drill Core	1.81	1.5	184.1	358.8	84968	13.7	44.9	9.3	2777	10.23	72	0.9	1.6	67	582.5	90.1	<0.5	39	0.25	0.079			
3201236	Drill Core	1.88	2.8	46.2	221.6	12703	3.1	82.9	17.0	653	5.87	231	2.4	2.4	120	109.2	36.8	<0.5	37	0.24	0.114			
3201237	Drill Core	1.58	1.5	18.2	99.5	3814	1.3	60.9	10.7	1708	9.52	170	1.4	1.6	70	35.5	25.2	<0.5	34	0.19	0.080			
3201238	Drill Core	2.05	2.4	54.6	129.7	11293	2.2	69.4	15.9	2624	10.96	150	2.1	1.9	74	92.0	26.1	<0.5	74	0.26	0.108			
3201239	Drill Core	0.92	2.3	73.0	92.9	40007	3.5	65.6	15.3	1071	4.85	82	3.8	1.6	71	277.9	28.7	<0.5	85	0.21	0.118			
3201240	Rock Pulp	0.04	3.6	459.6	35155.6	47834	56.0	16.1	42.9	2250	7.42	150	1.7	6.4	24	166.6	46.5	<0.5	<10	4.75	0.055			
3201241	Drill Core	2.01	2.6	475.2	962.0	>200000	41.6	100.9	38.0	738	8.47	276	1.5	1.0	36	1475.0	250.2	<0.5	38	0.11	0.055			
3201242	Drill Core	1.99	2.3	434.2	1661.0	>200000	37.7	101.0	29.5	828	9.33	286	1.4	1.0	30	1367.3	208.9	<0.5	35	0.09	0.050			
3201243	Drill Core	2.15	3.2	117.0	329.8	45687	9.1	104.6	19.9	243	9.56	435	0.8	1.5	45	367.7	79.7	<0.5	21	0.12	0.052			
3201244	Drill Core	1.81	3.6	46.9	96.1	16902	2.4	56.4	15.0	1140	5.34	101	0.9	2.0	62	145.0	39.4	<0.5	48	0.14	0.059			
3201245	Drill Core	1.40	3.7	36.1	105.1	3600	1.8	65.0	14.0	1961	7.26	79	1.2	1.9	63	29.2	35.4	<0.5	79	0.16	0.059			
3201246	Drill Core	2.39	3.2	55.6	173.0	15090	3.6	75.4	19.9	1134	7.23	184	0.9	2.1	68	102.6	46.8	<0.5	40	0.16	0.059			
3201247	Drill Core	1.19	3.3	48.4	99.9	24902	4.2	54.0	15.5	1813	6.26	62	1.0	1.9	59	170.3	31.7	<0.5	49	0.18	0.068			
3201248	Drill Core	2.22	2.5	118.3	423.9	71802	14.2	88.3	22.2	263	6.29	324	0.9	1.6	45	420.4	66.3	<0.5	18	0.11	0.048			
3201249	Drill Core	1.77	1.9	234.2	482.2	154215	26.2	83.2	24.5	911	7.23	285	0.7	1.3	40	1121.2	100.1	<0.5	24	0.16	0.063			
3201250	Drill Core	2.02	1.7	352.5	798.2	190186	38.4	68.2	18.2	2028	10.22	174	0.6	1.1	28	1414.4	148.1	<0.5	34	0.15	0.039			



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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
3201221	Drill Core	2.9	16.6	0.17	299	0.001	0.50	<0.01	0.12	<0.5	24.08	3.2	<0.5	1.98	<5	<2	73.85	7.08	6.55	0.31	0.37
3201222	Drill Core	3.0	18.6	0.20	437	0.002	0.52	<0.01	0.11	<0.5	20.66	2.7	<0.5	1.67	<5	<2	74.24	7.05	7.24	0.32	0.39
3201223	Drill Core	1.9	17.0	0.38	112	0.001	0.36	<0.01	0.08	<0.5	10.59	4.2	<0.5	1.49	<5	<2	64.13	5.47	16.69	0.26	0.70
3201224	Drill Core	2.0	18.0	0.28	130	0.001	0.44	<0.01	0.10	<0.5	31.14	4.4	<0.5	2.55	<5	2	67.34	5.40	10.84	0.25	0.53
3201225	Drill Core	1.8	17.7	0.26	140	0.001	0.43	<0.01	0.11	<0.5	43.50	3.6	<0.5	3.26	6	2	67.07	5.78	11.11	0.29	0.53
3201226	Drill Core	2.0	14.8	0.28	140	<0.001	0.29	<0.01	0.11	<0.5	29.00	5.1	0.7	2.62	<5	<2	66.04	6.61	10.95	0.23	0.51
3201227	Drill Core	2.4	12.1	0.17	180	0.001	0.44	<0.01	0.13	<0.5	18.04	2.8	1.0	2.08	<5	3	74.91	7.45	6.98	0.22	0.35
3201228	Drill Core	2.5	13.2	0.04	228	0.001	0.39	<0.01	0.14	<0.5	12.06	1.9	1.1	2.02	<5	<2	79.70	8.18	3.03	0.16	0.16
3201229	Drill Core	0.9	5.0	0.01	104	0.010	0.15	<0.01	<0.01	<0.5	268.37	<0.5	2.6	19.95	13	<2	34.58	2.81	3.27	0.13	0.06
3201230	Drill Core	<0.5	1.3	0.07	121	<0.001	0.21	<0.01	<0.01	<0.5	309.22	<0.5	0.9	23.81	7	12	20.13	2.53	4.26	0.06	0.11
3201231	Drill Core	0.5	13.7	0.62	87	<0.001	0.63	<0.01	0.03	<0.5	209.81	7.9	1.4	16.01	11	8	18.84	2.33	19.62	0.16	1.04
3201232	Drill Core	<0.5	7.5	0.99	35	<0.001	0.22	<0.01	<0.01	<0.5	71.46	7.7	0.7	4.50	<5	<2	21.56	0.98	40.73	0.40	1.64
3201233	Drill Core	<0.5	11.2	0.55	133	0.001	1.14	<0.01	0.03	<0.5	195.01	6.0	2.5	14.01	14	6	19.49	3.76	22.79	0.17	0.96
3201234	Drill Core	0.8	16.9	0.76	187	<0.001	0.50	<0.01	0.05	<0.5	42.53	9.9	0.7	2.82	<5	<2	29.39	4.92	36.52	0.31	1.32
3201235	Drill Core	2.3	18.5	0.32	301	0.002	0.36	<0.01	0.10	<0.5	70.71	5.1	0.9	4.62	<5	<2	55.96	4.72	14.24	0.35	0.62
3201236	Drill Core	3.6	16.4	0.10	552	0.001	0.59	0.01	0.19	<0.5	11.75	2.5	2.2	4.53	<5	2	70.96	8.80	8.50	0.35	0.26
3201237	Drill Core	2.1	18.0	0.23	401	0.001	0.47	<0.01	0.12	<0.5	4.24	3.6	1.4	4.32	<5	<2	67.64	6.22	13.83	0.26	0.44
3201238	Drill Core	2.3	26.8	0.38	463	0.002	0.53	<0.01	0.13	<0.5	10.59	7.6	1.5	3.54	<5	<2	63.07	6.02	15.68	0.37	0.68
3201239	Drill Core	3.8	26.4	0.15	690	0.001	0.90	<0.01	0.10	<0.5	32.58	3.6	1.2	3.38	<5	3	71.15	6.46	7.17	0.31	0.33
3201240	Rock Pulp	21.2	13.6	2.67	241	0.016	0.98	0.01	0.64	0.6	1.70	2.9	43.9	7.82	<5	<2	38.21	7.69	11.01	6.94	4.87
3201241	Drill Core	1.3	13.3	0.16	100	<0.001	0.48	<0.01	0.06	<0.5	182.41	3.8	2.0	18.18	14	5	38.92	3.73	11.79	0.15	0.33
3201242	Drill Core	1.2	14.7	0.18	90	<0.001	0.49	<0.01	0.06	<0.5	184.54	3.8	1.7	18.57	12	6	39.51	3.57	12.93	0.13	0.37
3201243	Drill Core	2.1	12.2	0.08	402	0.001	0.51	<0.01	0.12	<0.5	38.85	1.2	4.5	11.61	<5	2	61.95	6.34	13.89	0.17	0.22
3201244	Drill Core	2.8	14.4	0.19	485	0.001	0.56	<0.01	0.14	<0.5	14.50	4.4	2.0	2.53	<5	<2	70.04	9.51	7.97	0.21	0.43
3201245	Drill Core	2.3	19.1	0.28	627	<0.001	0.62	<0.01	0.14	<0.5	3.79	6.1	1.6	1.50	<5	<2	67.05	9.29	10.84	0.23	0.60
3201246	Drill Core	2.9	12.3	0.17	633	0.001	0.51	<0.01	0.15	<0.5	13.21	4.0	2.6	4.81	<5	2	63.74	10.53	10.60	0.22	0.43
3201247	Drill Core	2.0	17.6	0.27	574	<0.001	0.57	<0.01	0.14	<0.5	20.95	5.2	1.7	2.28	<5	2	63.11	11.18	9.32	0.27	0.56
3201248	Drill Core	1.7	9.3	0.06	483	<0.001	0.48	<0.01	0.13	<0.5	56.38	1.4	3.2	9.24	<5	<2	59.40	9.31	9.03	0.17	0.22
3201249	Drill Core	1.4	10.0	0.16	291	<0.001	0.36	<0.01	0.11	<0.5	111.71	2.7	2.1	12.14	<5	6	51.74	5.80	10.36	0.23	0.34
3201250	Drill Core	1.0	10.1	0.32	348	<0.001	0.35	<0.01	0.09	<0.5	137.41	4.1	2.0	13.56	7	5	38.91	6.39	14.54	0.22	0.65



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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
3201221	Drill Core	0.91	0.15	0.49	0.21	<0.01	0.15	<0.01	0.05	3.13	5.28	99.40	0.03	1.31	2.05	0.52	0.08	2.58	0.42	4.89	
3201222	Drill Core	0.91	0.17	0.52	0.23	0.01	0.15	<0.01	0.06	2.64	5.54	100.21	0.03	1.45	1.72	0.59	0.08	2.88	0.37	4.06	
3201223	Drill Core	0.65	0.45	0.39	0.11	<0.01	0.09	<0.01	0.09	1.49	9.56	100.55	0.02	2.91	1.49	0.69	0.06	7.90	0.48	3.03	
3201224	Drill Core	0.78	0.28	0.43	0.14	<0.01	0.11	<0.01	0.30	4.47	7.28	99.40	0.03	1.96	2.76	0.63	<0.02	4.79	0.49	6.80	
3201225	Drill Core	0.80	0.28	0.44	0.18	<0.01	0.13	<0.01	0.02	5.75	7.34	101.24	0.03	1.90	3.44	0.58	<0.02	4.80	0.46	8.93	
3201226	Drill Core	0.89	0.28	0.38	0.13	<0.01	0.14	<0.01	0.04	3.86	7.71	98.80	0.04	2.05	2.81	0.61	0.03	5.14	0.76	6.15	
3201227	Drill Core	1.12	0.15	0.42	0.16	<0.01	0.17	<0.01	0.01	2.14	5.24	99.95	0.04	1.37	2.26	0.72	0.03	2.30	1.12	3.44	
3201228	Drill Core	1.40	0.05	0.49	0.15	<0.01	0.22	<0.01	<0.01	1.48	3.62	99.15	0.05	0.82	2.22	0.65	0.05	0.44	1.52	2.09	
3201229	Drill Core	0.46	0.03	0.21	0.10	<0.01	0.08	0.08	0.29	>24	10.83	100.30	0.01	0.27	19.75	0.22	<0.02	0.10	16.34	10.23	37.7
3201230	Drill Core	0.37	0.05	0.10	0.03	<0.01	0.08	0.06	0.21	>24	12.96	100.31	0.01	0.32	24.97	0.18	<0.02	0.49	22.01	8.87	47.7
3201231	Drill Core	0.24	0.46	0.20	0.05	<0.01	0.02	0.05	0.07	>24	17.04	100.43	0.02	3.01	16.59	0.61	<0.02	8.74	2.92	41.01	33.3
3201232	Drill Core	0.07	1.05	0.02	0.01	<0.01	0.02	0.02	0.05	9.19	22.52	100.56	0.01	6.83	4.90	0.75	<0.02	22.28	0.20	14.09	
3201233	Drill Core	0.23	0.51	0.08	0.03	<0.01	0.07	0.03	0.02	>24	17.20	100.56	0.01	3.23	14.19	0.52	<0.02	9.93	1.31	38.64	28.9
3201234	Drill Core	0.50	0.90	0.22	0.05	<0.01	0.15	<0.01	<0.01	5.39	19.73	100.87	0.03	5.94	3.14	0.76	<0.02	18.98	<0.05	9.51	
3201235	Drill Core	0.87	0.37	0.49	0.21	<0.01	0.25	0.01	0.03	8.48	9.71	98.52	0.03	2.41	5.14	0.54	<0.02	6.81	0.90	12.74	
3201236	Drill Core	1.63	0.10	0.73	0.27	0.02	0.46	<0.01	0.02	1.20	6.03	99.81	0.04	0.94	4.88	0.51	0.05	1.40	4.07	2.43	
3201237	Drill Core	1.09	0.23	0.50	0.19	<0.01	0.39	<0.01	<0.01	0.37	8.08	99.47	0.02	1.64	4.81	0.52	0.03	3.99	4.21	1.80	
3201238	Drill Core	1.09	0.32	0.57	0.24	<0.01	0.36	<0.01	0.01	1.08	9.53	99.43	0.04	2.36	3.85	0.63	0.04	6.22	2.70	3.44	
3201239	Drill Core	1.01	0.14	0.50	0.29	0.01	0.41	<0.01	<0.01	4.08	5.76	98.80	0.03	1.04	3.62	0.44	<0.02	2.15	1.44	6.52	
3201240	Rock Pulp	3.61	0.30	0.26	0.11	<0.01	0.08	0.04	3.62	5.05	16.54	100.08	<0.01	3.20	8.10	0.38	<0.02	10.29	4.30	11.41	
3201241	Drill Core	0.57	0.11	0.28	0.15	<0.01	0.24	0.04	0.10	>24	12.36	100.08	0.02	0.80	19.34	0.45	<0.02	1.20	8.19	33.45	25.8
3201242	Drill Core	0.55	0.12	0.29	0.13	0.01	0.24	0.04	0.17	23.77	12.47	100.32	0.02	0.82	18.41	0.43	<0.02	1.36	7.65	32.28	
3201243	Drill Core	1.15	0.05	0.45	0.13	0.01	0.43	<0.01	0.03	4.80	8.77	99.76	0.03	0.74	12.13	0.61	0.03	0.38	10.07	6.19	
3201244	Drill Core	1.76	0.15	0.59	0.15	0.01	0.67	<0.01	<0.01	1.67	6.11	99.90	0.04	1.49	2.82	0.79	0.04	2.41	1.86	2.88	
3201245	Drill Core	1.68	0.25	0.52	0.15	0.01	0.69	<0.01	<0.01	0.36	7.65	99.62	0.05	2.07	1.65	0.78	0.06	4.52	1.15	1.52	
3201246	Drill Core	2.01	0.15	0.63	0.15	0.01	0.79	<0.01	0.02	1.44	7.77	99.10	0.05	1.42	5.27	0.73	0.04	2.35	4.37	2.70	
3201247	Drill Core	2.08	0.23	0.69	0.18	0.02	0.84	<0.01	<0.01	2.42	7.31	99.08	0.05	1.80	2.57	0.77	0.02	3.69	1.28	3.89	
3201248	Drill Core	1.75	0.05	0.56	0.12	0.02	0.79	<0.01	0.04	7.26	7.59	98.33	0.04	0.62	9.55	0.49	0.02	0.40	6.33	9.65	
3201249	Drill Core	1.08	0.14	0.41	0.16	<0.01	0.47	0.02	0.05	15.88	9.62	100.44	0.03	0.91	12.68	0.43	<0.02	1.72	5.38	21.90	
3201250	Drill Core	1.15	0.28	0.37	0.11	<0.01	0.56	0.03	0.08	18.96	12.60	99.76	0.03	1.65	13.77	0.47	<0.02	4.26	4.72	27.16	



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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
3201251	Drill Core	2.54	1.3	598.0	1252.9>200000	67.9	96.4	16.4	752	14.54	448	0.6	0.5	21	1943.0	255.2	<0.5	19	0.11	0.040	
3201252	Drill Core	1.25	1.5	44.8	2.6	161	<0.5	4.9	9.7	475	3.00	<5	0.7	2.1	88	0.8	<0.5	<0.5	102	1.07	0.064
3201253	Drill Core	2.42	<0.5	675.4	4876.0>200000	101.2	107.3	13.3	1498	7.29	239	<0.5	1.9	8	2554.7	300.8	<0.5	15	0.06	<0.001	
3201254	Drill Core	2.40	<0.5	656.6	5879.3>200000	96.1	117.9	18.1	1222	7.47	300	<0.5	1.0	12	2505.0	293.5	<0.5	14	0.05	0.019	
3201255	Drill Core	1.03	0.8	800.2	2419.1>200000	105.8	156.8	25.2	81	2.98	277	<0.5	0.7	19	2687.0	367.4	<0.5	12	0.06	0.028	
3201256	Drill Core	0.79	1.1	777.7	2660.6>200000	91.2	616.9	63.0	114	6.61	958	<0.5	<0.5	23	3067.6	418.8	<0.5	<10	0.10	0.045	
3201257	Drill Core	0.85	21.8	319.5	372.5>200000	30.2	175.7	17.8	98	6.63	402	2.5	0.6	30	1908.8	128.7	<0.5	40	0.07	0.046	
3201258	Drill Core	1.96	12.1	69.8	934.0	8002	7.3	90.9	14.0	64	20.70	380	1.9	0.8	58	45.9	83.3	<0.5	35	0.02	0.022
3201259	Drill Core	2.91	3.3	73.6	1071.7	6057	9.5	37.9	5.0	38	31.40	419	0.9	0.6	18	32.8	116.3	0.5	13	<0.01	0.017
3201260	Rock Pulp	0.04	2.6	225.2	18366.0	29375	35.3	25.9	18.6	1850	5.32	84	1.8	7.7	24	98.9	51.4	0.7	10	5.28	0.056
3201261	Drill Core	1.17	19.6	81.7	5623.0	27286	8.5	110.7	11.5	45	7.42	185	2.2	1.6	39	97.0	122.3	<0.5	54	0.03	0.018
3201262	Drill Core	0.94	21.9	99.6	6225.1	34189	9.5	132.3	13.2	56	8.28	198	2.0	1.6	38	124.5	148.9	<0.5	40	0.03	0.016
3201263	Drill Core	2.00	27.2	47.7	332.1	1453	2.9	129.1	11.9	32	3.81	96	2.0	1.9	33	5.3	79.4	<0.5	33	0.04	0.010
3201264	Drill Core	1.54	18.7	43.7	4665.9	533	9.8	115.0	9.0	47	7.72	117	1.9	1.4	29	3.0	101.0	<0.5	32	0.03	0.013
3201265	Drill Core	1.68	17.8	40.0	532.9	1534	2.9	83.1	7.6	47	10.55	131	1.9	0.9	38	7.9	79.0	<0.5	29	0.05	0.026
3201266	Drill Core	2.23	24.5	50.9	566.5	1722	2.5	122.3	10.0	36	6.94	126	2.1	1.8	29	5.2	101.2	<0.5	23	0.04	0.013
3201267	Drill Core	1.33	23.9	50.2	785.8	2168	2.2	110.9	10.3	41	6.97	136	2.6	2.3	33	5.7	93.9	<0.5	21	0.04	0.016
3201268	Drill Core	1.91	29.0	64.5	591.0	1999	2.2	132.5	11.9	52	8.64	192	2.7	2.1	26	6.0	152.5	<0.5	27	0.03	0.011
3201269	Drill Core	2.27	28.5	61.7	377.6	298	1.6	133.5	10.9	38	4.34	160	3.1	2.1	24	8.2	120.7	<0.5	33	0.03	0.014
3201270	Drill Core	1.61	12.6	56.7	23218.2	11411	28.0	73.9	8.0	53	11.19	242	2.3	0.9	39	34.0	162.4	<0.5	32	0.04	0.027
3201271	Drill Core	1.60	17.5	57.1	247.1	4742	1.0	87.3	10.7	32	3.87	68	2.5	1.5	33	22.2	68.2	<0.5	30	0.03	0.014
3201272	Drill Core	1.87	19.4	53.2	234.1	430	0.8	100.0	10.9	31	5.65	82	2.3	1.7	30	2.5	80.5	<0.5	35	0.02	0.011
3201273	Drill Core	1.40	19.4	63.4	274.8	156	0.9	98.4	13.1	44	4.03	83	2.4	1.6	32	6.5	81.1	<0.5	32	0.02	0.011
3201274	Drill Core	1.73	12.9	75.8	190.1	40	1.0	76.3	9.1	36	3.62	68	2.1	1.5	37	1.0	57.2	<0.5	40	0.02	0.013
3201275	Drill Core	1.54	17.7	61.9	186.0	91	0.6	100.9	11.4	27	3.92	72	2.8	1.5	61	8.4	66.5	<0.5	44	0.02	0.020
3201276	Drill Core	1.55	17.9	49.2	225.9	44	0.5	94.6	10.5	28	4.10	69	2.6	1.5	63	4.2	58.6	<0.5	36	0.03	0.027
3201277	Drill Core	1.53	20.3	55.4	187.0	130	0.5	101.8	11.7	32	3.25	71	2.7	2.3	40	2.9	52.2	<0.5	46	0.02	0.016
3201278	Drill Core	1.73	14.1	54.1	226.8	119	0.6	79.4	11.2	29	3.96	64	2.7	2.0	59	3.2	52.5	<0.5	34	0.04	0.029
3201279	Drill Core	1.44	14.5	49.3	247.8	60	<0.5	93.5	12.5	30	4.50	76	3.3	2.0	57	2.9	51.4	<0.5	31	0.03	0.026
3201280	Rock	1.19	1.4	53.3	2.5	36	<0.5	4.0	8.2	428	2.84	<5	1.0	2.5	107	<0.5	<0.5	<0.5	100	1.12	0.058



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	Method	Analyte	Unit	MDL	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF725	LF725	LF725	LF725	LF725			
					La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	SiO2	Al2O3	Fe2O3	CaO	MgO
					ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	%	%
					0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01	0.01	0.01	0.01
3201251	Drill Core				0.5	7.3	0.08	60	0.001	0.21	<0.01	0.04	<0.5	211.41	1.0	6.2	26.31	6	5	22.87	2.86	20.49	0.15	0.19
3201252	Drill Core				6.6	6.7	0.86	174	0.181	2.00	0.27	0.30	<0.5	<0.05	4.0	<0.5	<0.05	6	<2	60.42	16.92	6.40	6.21	2.87
3201253	Drill Core				<0.5	5.5	0.18	211	0.009	0.14	<0.01	<0.01	<0.5	312.64	2.4	1.1	22.92	14	3	20.79	1.75	10.23	0.08	0.32
3201254	Drill Core				<0.5	4.0	0.15	224	<0.001	0.15	<0.01	<0.01	<0.5	311.47	1.3	1.1	23.81	12	8	17.90	2.06	10.91	0.08	0.27
3201255	Drill Core				0.5	5.0	<0.01	218	<0.001	0.16	<0.01	<0.01	<0.5	347.96	<0.5	1.9	21.92	9	<2	25.44	2.91	4.46	0.08	0.04
3201256	Drill Core				<0.5	13.1	0.01	126	<0.001	0.14	<0.01	<0.01	<0.5	354.13	<0.5	6.1	26.99	8	<2	13.17	3.04	9.32	0.15	0.03
3201257	Drill Core				<0.5	15.0	<0.01	91	0.001	0.29	<0.01	0.04	<0.5	154.60	0.8	1.6	18.23	<5	6	42.98	3.10	9.45	0.11	0.04
3201258	Drill Core				0.9	13.1	<0.01	51	<0.001	0.30	<0.01	0.02	0.7	13.62	0.7	3.8	23.31	<5	2	45.28	3.58	30.48	0.04	0.05
3201259	Drill Core				<0.5	6.2	<0.01	34	<0.001	0.14	<0.01	0.01	0.5	13.57	<0.5	5.0	>30	<5	<2	24.19	0.69	48.64	0.02	0.02
3201260	Rock Pulp				25.8	13.2	2.82	147	0.017	1.00	0.01	0.73	0.7	1.24	2.7	29.5	4.74	<5	<2	43.90	8.67	8.36	7.46	5.42
3201261	Drill Core				2.3	16.9	0.01	248	<0.001	0.48	<0.01	0.09	<0.5	27.03	<0.5	5.0	9.91	<5	6	64.86	7.46	11.35	0.05	0.10
3201262	Drill Core				3.1	14.5	0.01	303	<0.001	0.29	<0.01	0.06	<0.5	36.22	0.5	4.8	11.12	<5	6	61.00	7.88	12.09	0.06	0.10
3201263	Drill Core				3.8	14.4	0.02	1180	<0.001	0.40	<0.01	0.10	<0.5	3.08	0.9	4.7	4.43	<5	3	68.56	11.57	6.13	0.07	0.21
3201264	Drill Core				2.5	16.8	0.01	458	<0.001	0.34	<0.01	0.09	1.9	2.30	0.5	3.6	8.91	<5	11	66.12	8.36	11.54	0.06	0.14
3201265	Drill Core				1.5	14.7	<0.01	232	0.001	0.30	<0.01	0.07	<0.5	3.28	0.6	2.5	12.13	<5	6	64.62	5.94	15.75	0.09	0.11
3201266	Drill Core				3.7	12.5	<0.01	585	<0.001	0.34	<0.01	0.10	<0.5	3.31	1.1	2.9	8.14	<5	6	64.69	10.22	10.59	0.07	0.18
3201267	Drill Core				4.2	11.7	0.01	586	<0.001	0.36	<0.01	0.11	<0.5	3.95	1.0	2.8	8.21	<5	5	63.90	10.68	10.51	0.07	0.20
3201268	Drill Core				3.9	20.1	0.01	376	0.001	0.41	<0.01	0.11	<0.5	4.54	0.6	3.6	10.03	<5	6	60.21	10.80	12.77	0.06	0.19
3201269	Drill Core				4.0	23.6	0.01	1204	<0.001	0.45	<0.01	0.12	<0.5	2.72	0.9	3.6	5.00	<5	4	68.55	10.97	6.88	0.06	0.20
3201270	Drill Core				1.5	11.9	<0.01	221	0.001	0.27	<0.01	0.06	<0.5	20.57	<0.5	4.1	13.57	<5	12	61.11	4.46	16.76	0.07	0.08
3201271	Drill Core				3.1	10.9	<0.01	861	0.001	0.38	<0.01	0.10	<0.5	5.45	1.1	4.3	4.68	<5	12	73.25	8.95	6.23	0.05	0.17
3201272	Drill Core				3.0	14.3	0.01	659	0.001	0.40	<0.01	0.11	<0.5	2.12	0.7	4.8	6.37	<5	11	70.33	9.24	8.77	0.05	0.19
3201273	Drill Core				3.1	21.8	0.01	1123	0.001	0.41	<0.01	0.11	<0.5	2.05	0.5	2.6	4.50	<5	6	72.55	9.61	6.27	0.04	0.18
3201274	Drill Core				3.1	15.6	<0.01	987	0.001	0.43	<0.01	0.12	<0.5	1.39	0.9	2.1	4.10	<5	12	74.69	9.06	5.88	0.04	0.18
3201275	Drill Core				3.5	18.3	<0.01	762	0.003	0.45	<0.01	0.12	<0.5	1.49	1.3	3.6	4.54	<5	9	71.94	9.69	6.28	0.04	0.20
3201276	Drill Core				3.4	12.5	<0.01	1130	0.001	0.44	<0.01	0.11	<0.5	1.67	0.7	4.5	4.74	<5	6	72.92	9.17	6.60	0.07	0.19
3201277	Drill Core				4.4	11.0	0.01	1698	0.001	0.46	<0.01	0.13	<0.5	1.62	1.0	3.7	3.66	<5	8	73.64	9.24	5.03	0.04	0.20
3201278	Drill Core				4.0	11.4	<0.01	975	0.001	0.48	<0.01	0.13	<0.5	1.75	0.9	3.8	4.46	<5	9	74.51	8.66	6.20	0.07	0.19
3201279	Drill Core				4.2	12.2	<0.01	841	0.001	0.47	<0.01	0.13	<0.5	1.84	0.9	3.9	5.15	<5	4	71.87	9.47	7.19	0.05	0.20
3201280	Rock				7.2	4.6	0.85	189	0.190	2.04	0.29	0.31	<0.5	<0.05	4.4	<0.5	<0.05	5	<2	61.06	17.09	6.40	6.31	2.89



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Project: MacMillan Pass
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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	
3201251	Drill Core	0.48	0.11	0.17	0.10	<0.01	0.38	0.04	0.13	>24	17.00	99.96	0.02	0.59	27.27	0.24	<0.02	1.26	13.85	40.26	28.9
3201252	Drill Core	1.52	0.15	0.54	0.13	<0.01	0.06	<0.01	<0.01	<0.01	0.91	99.48	0.03	0.03	<0.02	<0.02	<0.02	<0.08	<0.05	0.41	
3201253	Drill Core	0.31	0.20	0.11	0.05	<0.01	0.16	0.05	0.48	>24	14.77	99.99	0.01	0.82	24.34	0.19	<0.02	2.30	11.05	39.87	41.0
3201254	Drill Core	0.36	0.18	0.14	0.04	<0.01	0.19	0.05	0.63	>24	15.34	100.74	0.01	0.72	26.35	0.20	<0.02	1.88	11.92	43.29	42.0
3201255	Drill Core	0.54	0.04	0.20	0.07	<0.01	0.29	0.06	0.24	>24	12.33	100.15	0.02	0.15	24.45	0.14	<0.02	<0.08	18.29	18.49	42.6
3201256	Drill Core	0.50	0.04	0.84	0.12	0.04	0.46	0.06	0.28	>24	15.54	100.01	0.02	0.15	28.88	0.13	<0.02	<0.08	11.49	52.17	45.2
3201257	Drill Core	0.44	0.03	0.52	0.13	0.02	0.52	0.02	0.03	>24	11.70	100.85	0.04	1.08	18.40	1.03	0.04	0.08	7.37	33.09	25.7
3201258	Drill Core	0.27	0.03	0.20	0.04	<0.01	0.37	<0.01	0.10	0.79	18.11	99.62	0.02	1.16	25.06	1.11	0.04	<0.08	24.41	1.94	
3201259	Drill Core	0.05	0.03	0.03	0.03	<0.01	0.23	<0.01	0.11	0.59	25.47	100.33	<0.01	0.49	38.20	0.48	<0.02	<0.08	37.71	1.47	
3201260	Rock Pulp	4.21	0.26	0.30	0.12	<0.01	0.08	0.01	1.82	3.10	11.22	96.04	0.01	3.27	5.04	0.36	<0.02	10.66	2.56	7.44	
3201261	Drill Core	0.98	0.03	0.36	0.03	<0.01	1.36	<0.01	0.54	2.82	9.12	100.03	0.04	1.22	10.63	1.21	<0.02	<0.08	9.06	4.71	
3201262	Drill Core	1.08	0.03	0.40	0.04	<0.01	1.60	<0.01	0.60	3.44	9.71	99.21	0.05	1.31	11.29	1.29	0.02	<0.08	9.30	5.99	
3201263	Drill Core	1.57	0.03	0.55	0.03	0.02	2.22	<0.01	0.03	0.15	7.63	99.20	0.06	2.36	4.90	2.32	0.04	<0.08	4.73	0.49	
3201264	Drill Core	1.17	0.03	0.39	0.04	<0.01	1.83	<0.01	0.45	0.06	8.84	99.43	0.06	1.93	9.34	1.89	0.03	<0.08	9.09	0.74	
3201265	Drill Core	0.83	0.02	0.36	0.08	<0.01	1.26	<0.01	0.05	0.16	9.93	99.48	0.04	1.48	12.70	1.45	0.03	<0.08	12.49	0.62	
3201266	Drill Core	1.44	0.03	0.49	0.04	<0.01	2.14	<0.01	0.06	0.18	8.66	99.23	0.05	1.85	8.70	1.83	0.02	<0.08	8.52	0.52	
3201267	Drill Core	1.56	0.03	0.48	0.05	<0.01	2.28	<0.01	0.08	0.22	8.54	99.05	0.05	1.91	8.50	1.88	0.03	<0.08	8.31	0.55	
3201268	Drill Core	1.58	0.03	0.51	0.03	<0.01	2.35	<0.01	0.05	0.20	9.86	99.11	0.06	1.87	10.15	1.83	0.03	<0.08	9.95	0.59	
3201269	Drill Core	1.53	0.03	0.53	0.04	<0.01	2.39	<0.01	0.02	0.03	7.08	98.74	0.06	2.17	5.55	2.13	0.03	<0.08	5.47	0.23	
3201270	Drill Core	0.60	0.04	0.28	0.06	<0.01	0.97	<0.01	2.22	1.13	10.48	98.90	0.05	1.27	14.10	1.25	0.02	<0.08	13.11	2.97	
3201271	Drill Core	1.33	0.02	0.43	0.04	<0.01	1.91	<0.01	0.02	0.47	5.96	99.31	0.07	1.63	5.15	1.59	0.04	<0.08	4.91	0.70	
3201272	Drill Core	1.39	0.02	0.43	0.03	<0.01	1.92	<0.01	0.02	0.04	7.14	99.95	0.08	1.66	6.89	1.63	0.03	<0.08	6.79	0.29	
3201273	Drill Core	1.42	0.03	0.45	0.04	<0.01	2.00	<0.01	0.02	0.02	6.14	99.10	0.06	1.75	4.96	1.71	0.04	<0.08	4.88	0.24	
3201274	Drill Core	1.41	0.03	0.43	0.04	<0.01	1.86	<0.01	0.02	<0.01	6.05	100.02	0.08	2.00	4.71	1.94	0.05	<0.08	4.65	0.18	
3201275	Drill Core	1.47	0.03	0.45	0.06	<0.01	1.94	<0.01	<0.01	0.01	6.54	99.00	0.08	2.10	5.16	2.05	0.04	<0.08	5.08	0.23	
3201276	Drill Core	1.41	0.03	0.42	0.07	<0.01	1.85	<0.01	0.01	<0.01	6.51	99.54	0.07	1.91	5.14	1.88	0.02	<0.08	5.07	0.22	
3201277	Drill Core	1.44	0.03	0.43	0.04	<0.01	1.86	<0.01	0.01	0.01	5.80	98.10	0.08	1.98	4.04	1.93	0.04	<0.08	3.98	0.20	
3201278	Drill Core	1.34	0.03	0.40	0.07	<0.01	1.75	<0.01	0.02	0.01	5.86	99.44	0.05	1.66	5.10	1.62	0.03	<0.08	5.02	0.23	
3201279	Drill Core	1.44	0.03	0.44	0.07	<0.01	2.01	<0.01	0.01	<0.01	6.38	99.52	0.05	1.60	5.80	1.57	0.03	<0.08	5.70	0.31	
3201280	Rock	1.52	0.15	0.56	0.14	<0.01	0.06	<0.01	<0.01	<0.01	0.77	100.35	0.02	0.04	<0.02	0.02	<0.02	<0.08	<0.05	0.26	



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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
3201281	Drill Core	2.00	12.9	50.0	250.0	33	0.6	87.8	14.6	29	4.87	78	2.9	2.0	94	3.2	52.9	<0.5	30	0.06	0.039
3201282	Drill Core	1.90	11.9	48.6	201.0	72	0.5	80.6	12.6	33	3.88	66	2.8	1.7	91	3.4	46.2	<0.5	28	0.06	0.040
3201283	Drill Core	1.46	22.2	67.9	260.0	179	1.1	118.2	12.9	28	4.52	96	4.6	2.2	87	17.9	64.9	<0.5	44	0.04	0.043
3201284	Drill Core	1.74	23.3	62.5	278.8	116	1.3	133.7	13.7	30	5.01	101	5.2	2.1	480	10.2	63.3	<0.5	61	0.34	0.201
3201285	Drill Core	1.43	28.2	66.3	490.7	1444	2.4	152.6	15.6	49	6.07	119	3.0	2.3	194	6.0	58.0	<0.5	36	0.19	0.085
3201286	Drill Core	1.62	24.2	68.6	1801.4	21055	5.9	141.0	11.1	60	7.03	145	2.4	1.9	60	60.1	72.5	<0.5	27	0.03	0.012
3201287	Drill Core	1.80	21.3	43.4	538.9	475	3.0	114.6	7.7	38	4.21	124	1.7	1.6	31	1.7	54.1	<0.5	30	0.02	0.006
3201288	Drill Core	1.36	10.9	33.6	324.5	565	2.5	75.7	5.8	62	6.86	108	1.7	0.5	58	3.0	38.8	<0.5	33	0.06	0.030
3201289	Drill Core	1.72	26.0	69.5	407.6	122	4.7	229.0	19.6	101	7.80	390	5.7	0.8	242	2.6	87.2	<0.5	94	0.36	0.185
3201290	Drill Core	1.81	14.2	51.2	348.8	49	5.0	88.7	10.4	41	3.73	245	1.9	1.6	27	<0.5	71.2	<0.5	33	0.02	0.008
3201291	Drill Core	2.16	26.0	58.3	1399.1	2050	6.3	137.5	14.3	44	4.87	251	7.9	2.0	90	5.1	114.9	<0.5	47	0.04	0.033
3201292	Drill Core	1.69	16.4	47.2	1788.7	2174	6.7	87.3	12.0	53	6.86	214	4.8	3.1	37	8.6	167.6	<0.5	34	0.01	0.023
3201293	Drill Core	1.87	15.3	56.5	5099.2	10404	22.7	73.7	14.6	53	13.29	629	10.0	1.0	26	185.2	425.5	<0.5	24	<0.01	0.015
3201294	Drill Core	0.89	21.7	59.9	1498.8	10981	10.6	68.9	7.9	64	14.01	548	9.2	1.1	19	187.1	164.2	<0.5	22	<0.01	0.013
3201295	Drill Core	1.49	14.2	120.0	7268.3	119938	29.6	59.9	6.0	125	7.76	291	5.8	0.8	20	747.2	138.1	<0.5	20	<0.01	0.030
3201296	Drill Core	1.24	16.6	87.9	4667.4	24147	12.8	96.7	10.1	65	4.88	192	2.7	1.0	22	109.4	95.9	<0.5	41	<0.01	0.011
3201297	Drill Core	2.13	11.6	44.0	8410.5	2941	14.6	78.6	7.9	63	5.43	208	4.4	0.6	22	30.9	171.1	<0.5	31	<0.01	0.012
3201298	Drill Core	2.16	17.7	50.9	6354.8	285	12.2	90.5	10.4	55	4.54	198	2.9	1.6	65	2.4	102.5	<0.5	30	0.03	0.025
3201299	Drill Core	1.49	16.3	49.0	3822.8	40	8.9	92.7	12.5	58	6.80	263	2.1	0.6	42	0.7	114.2	<0.5	28	0.03	0.024
3201300	Rock Pulp	0.04	2.6	217.5	18193.4	30330	36.6	24.9	18.1	1877	5.49	90	1.7	8.0	24	96.5	51.0	<0.5	10	5.11	0.058
3201301	Drill Core	1.82	21.0	66.3	15158.7	2108	27.5	185.0	19.0	71	21.11	438	4.1	<0.5	87	10.7	310.1	<0.5	62	0.08	0.051
3201302	Drill Core	2.25	12.1	61.8	6408.3	117	11.6	187.7	21.2	57	25.83	388	3.5	<0.5	148	7.6	297.0	<0.5	52	0.13	0.079
3201303	Drill Core	1.34	17.3	48.9	4136.0	1026	8.0	206.4	39.9	108	7.45	173	5.0	0.6	183	9.8	96.8	<0.5	65	0.18	0.109
3201304	Drill Core	1.66	19.6	38.2	6346.2	1358	11.1	118.5	10.6	71	11.59	245	2.9	<0.5	137	7.9	185.0	<0.5	48	0.18	0.096
3201305	Drill Core	1.75	6.7	81.7	>40000	41041	103.9	65.1	14.8	98	12.02	346	1.3	<0.5	39	229.9	420.9	<0.5	24	0.04	0.024
3201306	Rock	1.33	1.5	46.5	25.6	57	<0.5	4.2	9.3	470	3.00	<5	1.1	2.6	101	<0.5	<0.5	<0.5	100	1.10	0.070
3201307	Drill Core	2.04	6.8	85.1	2193.4	29679	6.8	117.8	18.3	168	15.12	413	1.5	0.9	79	144.9	170.0	<0.5	33	0.13	0.071
3201308	Drill Core	1.84	7.4	75.3	1623.3	13088	4.6	110.7	15.4	153	16.48	391	1.4	0.8	87	61.2	306.9	<0.5	35	0.13	0.061
3201309	Drill Core	1.77	6.7	40.6	3081.2	8899	7.3	78.9	8.4	62	9.08	164	1.5	<0.5	51	47.2	131.1	<0.5	30	0.05	0.031
3201310	Drill Core	1.73	7.3	31.3	2534.7	1227	5.4	72.0	7.7	44	7.59	117	2.0	<0.5	91	8.8	86.2	<0.5	43	0.07	0.047



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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
3201281	Drill Core	3.9	12.4	0.01	755	0.003	0.48	<0.01	0.13	<0.5	1.74	1.1	4.1	5.21	<5	4	71.79	9.29	7.24	0.10	0.19
3201282	Drill Core	3.7	11.1	0.01	1368	0.002	0.50	<0.01	0.13	<0.5	1.58	0.6	2.8	4.35	<5	3	73.89	9.24	6.09	0.10	0.18
3201283	Drill Core	4.2	15.4	0.01	712	0.001	0.52	<0.01	0.13	<0.5	2.39	0.9	4.1	4.90	<5	13	70.25	10.34	6.78	0.06	0.22
3201284	Drill Core	4.3	15.0	0.02	468	0.002	0.80	<0.01	0.17	<0.5	2.37	2.4	4.7	5.44	<5	8	66.36	11.20	7.55	0.51	0.24
3201285	Drill Core	4.6	13.7	0.01	528	0.002	1.38	<0.01	0.15	<0.5	4.82	1.2	5.4	6.18	<5	10	59.19	12.62	9.16	0.27	0.23
3201286	Drill Core	4.2	12.8	0.01	510	0.001	1.06	<0.01	0.12	<0.5	45.63	0.8	4.6	8.55	<5	8	61.21	9.76	10.44	0.05	0.19
3201287	Drill Core	3.5	11.3	<0.01	525	0.001	0.57	<0.01	0.09	<0.5	4.10	<0.5	2.8	4.48	<5	4	72.69	8.31	6.35	0.05	0.16
3201288	Drill Core	1.0	15.1	<0.01	242	0.001	0.48	<0.01	0.06	<0.5	3.10	<0.5	1.4	7.57	<5	6	74.10	3.87	10.27	0.10	0.07
3201289	Drill Core	1.8	48.0	0.01	238	0.003	0.85	<0.01	0.14	<0.5	3.91	1.4	3.1	8.80	<5	17	64.47	8.11	11.65	0.53	0.15
3201290	Drill Core	3.2	12.7	0.01	727	0.001	0.51	<0.01	0.11	<0.5	2.83	0.6	2.9	4.14	<5	3	75.75	8.27	5.87	0.04	0.15
3201291	Drill Core	4.4	19.9	0.02	426	<0.001	0.51	<0.01	0.09	<0.5	8.08	1.4	4.2	5.49	<5	8	61.52	11.98	7.49	0.06	0.22
3201292	Drill Core	3.4	15.7	<0.01	324	0.001	0.40	<0.01	0.07	<0.5	8.34	1.3	5.7	7.78	<5	3	69.93	7.27	10.21	0.03	0.15
3201293	Drill Core	1.6	17.0	<0.01	124	0.001	0.22	<0.01	0.05	<0.5	31.89	1.3	17.9	15.56	<5	2	61.95	2.41	19.76	0.02	0.06
3201294	Drill Core	1.5	20.8	<0.01	130	<0.001	0.17	<0.01	0.04	<0.5	32.88	1.6	9.8	16.12	<5	<2	63.40	1.97	20.34	0.02	0.05
3201295	Drill Core	1.7	6.8	<0.01	179	<0.001	0.17	<0.01	<0.01	<0.5	278.52	1.5	1.2	14.51	8	6	59.59	2.26	10.60	0.01	0.06
3201296	Drill Core	2.3	15.9	<0.01	833	<0.001	0.32	<0.01	0.08	<0.5	62.43	1.6	4.2	6.63	<5	5	73.84	5.45	6.93	0.02	0.10
3201297	Drill Core	1.3	17.5	<0.01	511	<0.001	0.28	<0.01	0.06	<0.5	9.54	1.1	2.8	6.08	<5	2	79.69	3.41	7.74	0.02	0.06
3201298	Drill Core	1.9	15.2	<0.01	1099	<0.001	0.38	<0.01	0.10	<0.5	3.74	1.2	2.9	5.12	<5	<2	76.45	5.82	6.75	0.06	0.12
3201299	Drill Core	1.3	18.6	<0.01	483	<0.001	0.32	<0.01	0.07	<0.5	2.81	1.1	3.0	7.48	<5	<2	76.23	4.18	9.55	0.05	0.08
3201300	Rock Pulp	26.0	13.7	2.87	156	0.018	1.02	0.01	0.75	0.7	1.51	3.1	28.8	4.81	<5	<2	43.86	8.65	8.26	7.45	5.37
3201301	Drill Core	0.7	67.2	<0.01	115	0.002	0.31	<0.01	0.07	<0.5	10.00	1.9	5.2	24.29	<5	4	42.58	3.80	30.70	0.13	0.06
3201302	Drill Core	<0.5	53.9	<0.01	70	0.002	0.30	<0.01	0.05	0.5	3.94	1.7	4.4	29.69	<5	<2	33.37	3.11	38.51	0.20	0.05
3201303	Drill Core	1.1	37.2	<0.01	441	0.002	0.53	<0.01	0.08	<0.5	4.26	2.8	2.7	8.32	<5	3	66.19	8.63	10.55	0.26	0.12
3201304	Drill Core	0.6	29.3	<0.01	200	0.001	0.23	<0.01	0.05	<0.5	4.91	1.1	2.3	12.98	<5	<2	67.20	2.48	16.69	0.25	0.05
3201305	Drill Core	<0.5	17.2	<0.01	232	<0.001	0.15	<0.01	0.02	<0.5	87.60	<0.5	3.9	16.39	5	10	55.67	1.27	16.72	0.07	0.04
3201306	Rock	7.4	5.8	0.87	187	0.186	1.99	0.28	0.35	0.7	0.07	3.9	<0.5	<0.05	6	<2	60.89	16.68	6.35	6.21	2.90
3201307	Drill Core	0.9	45.6	<0.01	143	0.002	0.23	<0.01	0.04	<0.5	55.66	0.9	4.1	18.14	<5	<2	57.29	2.24	21.92	0.20	0.05
3201308	Drill Core	0.7	44.6	<0.01	142	0.002	0.21	<0.01	0.04	<0.5	25.60	0.9	4.5	19.27	<5	<2	57.43	2.31	23.37	0.20	0.07
3201309	Drill Core	0.8	23.3	<0.01	239	0.001	0.22	<0.01	0.05	<0.5	17.08	1.1	1.3	10.40	<5	<2	73.65	2.66	12.75	0.08	0.07
3201310	Drill Core	0.9	25.7	<0.01	305	0.001	0.29	<0.01	0.07	<0.5	3.58	1.1	1.8	8.36	<5	<2	75.72	3.66	10.83	0.11	0.08



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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
3201281	Drill Core	1.41	0.03	0.43	0.11	<0.01	1.95	<0.01	0.02	<0.01	6.40	99.29	0.04	1.57	5.96	1.55	0.02	<0.08	5.87	0.27
3201282	Drill Core	1.39	0.03	0.44	0.10	<0.01	1.92	<0.01	<0.01	<0.01	5.75	99.48	0.04	1.48	4.96	1.45	0.02	<0.08	4.88	0.22
3201283	Drill Core	1.53	0.02	0.46	0.09	<0.01	2.25	<0.01	0.02	0.02	6.89	99.32	0.07	1.92	5.52	1.89	0.02	<0.08	5.41	0.31
3201284	Drill Core	1.64	0.03	0.50	0.46	<0.01	2.62	<0.01	0.02	0.01	7.73	99.32	0.08	2.14	6.18	2.10	0.03	<0.08	6.02	0.47
3201285	Drill Core	1.57	0.03	0.60	0.20	<0.01	5.06	<0.01	0.05	0.15	8.84	98.72	0.07	2.01	7.39	1.96	0.03	0.09	6.94	1.37
3201286	Drill Core	1.26	0.03	0.50	0.02	<0.01	3.78	<0.01	0.17	2.09	9.16	99.73	0.06	2.01	9.46	1.96	0.02	<0.08	8.32	3.40
3201287	Drill Core	1.12	0.03	0.41	0.02	<0.01	2.54	<0.01	0.05	0.05	6.60	98.79	0.06	1.92	5.25	1.87	0.03	<0.08	5.00	0.74
3201288	Drill Core	0.46	0.04	0.21	0.07	<0.01	2.71	<0.01	0.03	0.06	7.24	99.61	0.04	1.42	8.48	1.31	0.10	<0.08	7.91	1.70
3201289	Drill Core	1.05	0.04	0.69	0.41	0.02	2.42	<0.01	0.03	0.01	9.83	99.79	0.11	2.69	9.19	2.63	0.06	<0.08	8.93	0.76
3201290	Drill Core	1.09	0.03	0.41	0.02	0.01	2.09	<0.01	0.03	<0.01	6.07	100.18	0.05	1.79	4.43	1.76	0.03	<0.08	4.30	0.39
3201291	Drill Core	1.39	0.03	0.59	0.09	<0.01	5.09	<0.01	0.15	0.22	8.96	98.56	0.07	2.36	6.89	2.33	0.03	<0.08	5.99	2.70
3201292	Drill Core	0.97	0.03	0.40	0.06	<0.01	1.74	<0.01	0.18	0.22	8.12	99.62	0.05	1.83	8.23	1.81	0.02	<0.08	7.99	0.71
3201293	Drill Core	0.32	0.03	0.19	0.03	<0.01	0.77	<0.01	0.52	1.04	11.94	99.45	0.03	1.15	16.60	1.11	0.03	<0.08	15.85	2.24
3201294	Drill Core	0.28	0.03	0.18	0.03	<0.01	0.38	<0.01	0.15	1.07	11.97	100.22	0.02	1.53	16.17	1.46	0.07	<0.08	15.63	1.62
3201295	Drill Core	0.33	0.04	0.18	0.03	<0.01	0.45	<0.01	0.67	12.09	9.92	99.43	0.02	1.49	14.19	1.41	0.08	<0.08	8.49	17.09
3201296	Drill Core	0.74	0.03	0.31	0.02	<0.01	1.18	<0.01	0.44	2.30	6.80	98.99	0.05	2.07	6.58	1.94	0.13	<0.08	5.53	3.15
3201297	Drill Core	0.47	0.03	0.22	0.03	<0.01	0.73	<0.01	0.81	0.29	5.74	99.51	0.03	1.65	6.40	1.50	0.14	<0.08	6.11	0.85
3201298	Drill Core	0.82	0.03	0.32	0.07	0.01	1.24	<0.01	0.58	0.03	6.77	99.29	0.04	2.71	5.44	2.54	0.16	<0.08	5.29	0.45
3201299	Drill Core	0.57	0.03	0.28	0.06	<0.01	0.90	<0.01	0.37	<0.01	6.95	99.44	0.04	1.96	7.48	1.86	0.10	<0.08	7.35	0.39
3201300	Rock Pulp	4.20	0.25	0.30	0.12	<0.01	0.08	0.02	1.80	3.10	14.42	98.97	0.01	3.32	5.03	1.26	<0.02	7.51	2.63	7.19
3201301	Drill Core	0.43	0.03	0.59	0.13	0.02	0.94	<0.01	1.43	0.21	17.64	99.00	0.06	1.67	23.72	1.56	0.10	<0.08	23.28	1.32
3201302	Drill Core	0.35	0.03	0.59	0.18	0.02	0.76	<0.01	0.61	<0.01	20.82	98.79	0.05	1.07	30.55	1.00	0.06	<0.08	30.25	0.90
3201303	Drill Core	0.99	0.03	1.49	0.27	0.03	2.28	<0.01	0.39	0.10	7.83	99.56	0.09	1.54	8.27	1.33	0.20	<0.08	8.09	0.54
3201304	Drill Core	0.31	0.03	0.28	0.22	<0.01	0.55	<0.01	0.60	0.13	10.32	99.28	0.05	2.01	13.06	1.81	0.20	<0.08	12.82	0.73
3201305	Drill Core	0.17	0.03	0.12	0.05	<0.01	0.26	<0.01	8.75	4.14	10.58	99.66	0.02	0.80	15.98	0.74	0.06	<0.08	12.87	9.33
3201306	Rock	1.49	0.15	0.55	0.14	<0.01	0.06	<0.01	<0.01	<0.01	0.71	99.44	0.03	0.04	<0.02	<0.02	<0.02	<0.08	<0.05	0.30
3201307	Drill Core	0.28	0.03	0.42	0.17	<0.01	0.51	<0.01	0.22	2.91	12.66	99.76	0.03	1.07	18.02	0.93	0.14	<0.08	16.61	4.22
3201308	Drill Core	0.30	0.04	0.41	0.15	<0.01	0.53	<0.01	0.16	1.24	13.07	99.71	0.04	1.06	18.54	0.93	0.13	<0.08	17.87	2.01
3201309	Drill Core	0.37	0.03	0.27	0.08	0.01	0.56	<0.01	0.30	0.87	7.56	99.59	0.04	0.97	10.35	0.84	0.13	<0.08	9.86	1.46
3201310	Drill Core	0.52	0.02	0.28	0.11	<0.01	0.79	<0.01	0.24	0.12	6.61	99.27	0.05	0.99	8.63	0.91	0.07	<0.08	8.46	0.51



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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
3201311	Drill Core	2.26	5.8	43.6	899.2	6825	3.5	105.0	12.5	49	8.36	142	2.4	<0.5	56	34.3	78.3	<0.5	46	0.04	0.030
3201312	Drill Core	1.75	11.1	52.9	890.8	11512	4.2	107.8	10.2	50	7.56	120	5.3	<0.5	28	70.6	73.6	<0.5	42	<0.01	0.012
3201313	Drill Core	1.80	10.4	32.2	544.5	9325	2.7	66.6	8.0	46	2.87	102	4.8	<0.5	28	57.5	42.3	<0.5	32	0.01	0.016
3201314	Drill Core	2.06	11.1	49.5	597.6	26957	3.7	47.5	8.8	63	3.04	87	5.0	<0.5	20	170.5	45.4	<0.5	25	<0.01	0.012
3201315	Drill Core	2.05	11.7	110.0	1161.7	50578	9.2	50.5	14.7	79	10.92	157	9.2	<0.5	128	324.3	105.6	<0.5	30	0.07	0.047
3201316	Drill Core	2.09	5.7	70.4	1704.7	14137	7.0	38.2	14.3	53	10.76	294	4.9	<0.5	25	87.6	235.2	<0.5	14	<0.01	0.012
3201317	Drill Core	1.45	5.9	77.2	4154.4	26309	10.8	49.8	12.1	59	9.50	285	4.5	<0.5	21	169.5	391.1	<0.5	17	<0.01	0.010
3201318	Drill Core	2.01	4.0	50.5	2697.7	7265	10.6	53.2	14.2	46	14.14	410	1.4	<0.5	13	43.9	282.9	<0.5	10	<0.01	0.005
3201319	Drill Core	1.34	5.9	34.6	418.4	125	3.6	58.2	9.9	45	10.75	189	6.3	<0.5	29	4.7	64.6	<0.5	24	<0.01	0.017
3201320	Rock Pulp	0.04	3.8	444.6	34125.3	46229	54.2	16.5	39.8	2270	7.23	150	1.5	6.6	25	167.8	48.2	<0.5	<10	4.63	0.055
3201321	Drill Core	1.55	7.6	31.6	242.1	325	1.2	49.6	8.8	31	2.64	68	18.3	0.6	58	5.1	26.6	<0.5	28	<0.01	0.019
3201322	Drill Core	1.56	9.3	46.1	432.4	1684	2.4	64.5	9.4	35	5.73	92	26.3	0.9	70	14.3	50.4	<0.5	32	<0.01	0.025
3201323	Drill Core	1.88	5.1	65.6	488.0	8264	4.3	54.5	10.2	38	9.44	180	1.9	<0.5	52	38.7	82.9	<0.5	32	0.01	0.021
3201324	Drill Core	1.86	4.6	36.2	419.5	3648	2.7	42.1	9.0	45	8.12	144	3.2	<0.5	26	19.7	50.4	<0.5	24	<0.01	0.006
3201325	Drill Core	1.75	2.4	14.3	72.5	55	0.8	36.7	7.5	41	2.51	50	1.5	<0.5	23	0.7	16.6	<0.5	17	<0.01	0.005
3201326	Drill Core	1.84	4.5	73.7	1576.0	3822	7.8	50.5	11.8	67	14.05	265	4.5	<0.5	22	23.3	108.6	<0.5	18	<0.01	0.007
3201327	Drill Core	2.17	3.0	43.7	334.4	598	3.7	66.7	17.2	48	10.42	179	2.8	<0.5	28	4.0	68.4	<0.5	18	<0.01	0.006
3201328	Drill Core	1.24	5.7	82.6	468.8	29156	5.7	53.4	19.8	52	10.36	259	0.8	<0.5	19	180.8	97.9	<0.5	14	<0.01	0.007



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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
3201311	Drill Core	0.8	31.0	<0.01	237	0.001	0.36	<0.01	0.09	<0.5	12.06	1.2	2.0	9.62	<5	<2	73.33	4.30	12.02	0.07	0.09
3201312	Drill Core	1.0	22.2	<0.01	475	<0.001	0.31	<0.01	0.07	<0.5	20.14	1.3	1.4	8.74	<5	<2	75.08	3.94	10.69	0.02	0.08
3201313	Drill Core	0.7	14.8	<0.01	1134	<0.001	0.26	<0.01	0.06	0.9	14.83	1.2	1.4	3.36	<5	<2	85.94	3.63	4.22	0.03	0.08
3201314	Drill Core	0.6	11.5	<0.01	787	<0.001	0.20	<0.01	0.04	<0.5	44.28	1.2	1.3	4.39	<5	<2	82.79	3.06	4.44	0.02	0.07
3201315	Drill Core	0.9	13.1	<0.01	165	<0.001	0.20	<0.01	0.05	<0.5	84.62	1.2	2.9	14.42	6	<2	64.32	2.30	15.59	0.12	0.06
3201316	Drill Core	<0.5	12.8	<0.01	225	<0.001	0.12	<0.01	0.03	<0.5	24.63	0.9	2.7	12.51	<5	<2	71.13	1.64	15.44	0.02	0.03
3201317	Drill Core	<0.5	13.9	<0.01	217	<0.001	0.17	<0.01	0.04	<0.5	42.00	0.8	2.6	11.69	<5	<2	70.94	2.67	13.50	0.02	0.05
3201318	Drill Core	<0.5	18.9	<0.01	164	<0.001	0.13	<0.01	0.03	<0.5	15.47	0.6	3.7	16.20	<5	<2	63.84	1.88	20.61	0.01	0.06
3201319	Drill Core	0.7	21.0	<0.01	174	<0.001	0.25	<0.01	0.05	<0.5	2.61	1.4	2.2	11.88	<5	<2	67.71	4.96	15.83	0.02	0.07
3201320	Rock Pulp	21.6	14.8	2.60	255	0.016	1.00	0.01	0.66	<0.5	1.43	2.9	44.3	7.66	<5	<2	38.21	7.59	10.88	6.89	4.87
3201321	Drill Core	1.5	17.2	<0.01	1018	<0.001	0.31	<0.01	0.09	<0.5	1.16	2.2	1.1	2.72	5	<2	83.53	5.42	3.78	0.01	0.11
3201322	Drill Core	1.9	21.6	<0.01	718	<0.001	0.32	<0.01	0.10	<0.5	3.44	3.4	2.0	6.27	7	<2	78.21	5.62	7.94	0.02	0.11
3201323	Drill Core	0.6	13.1	<0.01	305	<0.001	0.38	<0.01	0.12	<0.5	13.67	1.1	2.5	10.76	<5	<2	66.55	6.51	13.46	0.01	0.13
3201324	Drill Core	0.5	15.3	<0.01	453	<0.001	0.20	<0.01	0.06	<0.5	6.65	1.0	1.7	9.04	<5	<2	76.19	3.14	11.39	<0.01	0.07
3201325	Drill Core	<0.5	10.2	<0.01	732	<0.001	0.21	<0.01	0.07	<0.5	0.40	0.8	0.9	2.49	<5	<2	88.04	3.65	3.59	<0.01	0.07
3201326	Drill Core	0.5	13.0	<0.01	170	<0.001	0.19	<0.01	0.05	<0.5	13.43	0.9	2.3	15.73	<5	<2	61.88	2.34	21.31	<0.01	0.05
3201327	Drill Core	<0.5	12.9	<0.01	192	<0.001	0.26	<0.01	0.06	<0.5	2.44	0.9	1.4	11.50	<5	<2	69.75	4.17	15.05	<0.01	0.06
3201328	Drill Core	<0.5	11.2	<0.01	394	<0.001	0.13	<0.01	0.03	<0.5	47.51	<0.5	3.1	12.70	<5	<2	70.28	1.66	14.95	<0.01	0.04



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Vancouver British Columbia V5C 2V6 Canada

Project: MacMillan Pass
Report Date: September 27, 2019

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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	0.01	-5.11	0.01	0.01	0.02	0.02	0.02	0.02	0.08	0.05	0.05
3201311	Drill Core	0.61	0.03	0.38	0.09	0.01	0.90	<0.01	0.09	0.65	7.33	100.22	0.05	0.78	9.79	0.68	0.09	<0.08	9.40	1.17	
3201312	Drill Core	0.56	0.02	0.28	0.04	<0.01	0.81	<0.01	0.08	1.08	6.92	100.01	0.04	1.09	8.69	0.97	0.11	<0.08	8.12	1.71	
3201313	Drill Core	0.52	0.03	0.23	0.05	<0.01	0.75	<0.01	0.05	0.90	3.36	100.13	0.04	0.85	3.58	0.74	0.11	<0.08	3.14	1.33	
3201314	Drill Core	0.42	0.03	0.17	0.02	<0.01	0.65	<0.01	0.06	2.84	3.81	99.18	0.03	0.89	4.69	0.80	0.10	<0.08	3.40	3.87	
3201315	Drill Core	0.31	0.03	0.12	0.12	<0.01	0.47	<0.01	0.11	5.26	9.58	99.79	0.02	0.60	14.64	0.56	0.03	<0.08	12.19	7.34	
3201316	Drill Core	0.22	0.03	0.09	0.03	<0.01	0.31	<0.01	0.16	1.38	8.30	99.24	0.02	0.33	12.63	0.30	0.02	<0.08	11.88	2.24	
3201317	Drill Core	0.37	0.03	0.14	0.02	<0.01	0.52	<0.01	0.40	2.57	7.74	99.74	0.02	0.44	11.68	0.40	0.03	<0.08	10.46	3.67	
3201318	Drill Core	0.27	0.03	0.11	0.01	<0.01	0.35	<0.01	0.26	0.70	10.85	99.23	0.01	0.36	16.22	0.33	0.03	<0.08	15.75	1.40	
3201319	Drill Core	0.68	0.03	0.33	0.03	<0.01	1.01	<0.01	0.04	<0.01	9.00	99.92	0.03	0.65	12.36	0.58	0.06	<0.08	12.23	0.39	
3201320	Rock Pulp	3.58	0.30	0.25	0.11	<0.01	0.10	0.04	3.51	4.94	15.51	98.46	<0.01	3.27	7.89	0.97	<0.02	8.43	4.08	11.44	
3201321	Drill Core	0.83	0.01	0.33	0.09	<0.01	0.83	<0.01	0.02	0.03	3.05	98.18	0.03	0.52	2.90	0.43	0.10	<0.08	2.83	0.20	
3201322	Drill Core	0.87	0.02	0.35	0.11	<0.01	0.88	<0.01	0.03	0.16	5.17	99.69	0.04	0.51	6.37	0.42	0.09	<0.08	6.23	0.44	
3201323	Drill Core	1.04	0.01	0.38	0.08	<0.01	0.95	<0.01	0.04	0.79	8.33	98.68	0.04	0.59	10.95	0.49	0.09	<0.08	10.49	1.37	
3201324	Drill Core	0.50	0.01	0.18	0.03	<0.01	0.50	<0.01	0.03	0.34	6.52	99.06	0.03	0.54	9.09	0.44	0.10	<0.08	8.85	0.74	
3201325	Drill Core	0.58	0.01	0.20	0.02	0.01	0.56	<0.01	<0.01	<0.01	2.40	99.26	0.02	0.37	2.56	0.29	0.08	<0.08	2.52	0.14	
3201326	Drill Core	0.33	0.02	0.16	0.03	<0.01	0.37	<0.01	0.17	0.39	11.36	98.62	0.02	0.40	17.06	0.36	0.04	<0.08	16.71	1.05	
3201327	Drill Core	0.58	0.01	0.34	0.04	<0.01	0.78	<0.01	0.03	0.06	8.54	99.60	0.03	0.49	11.90	0.41	0.07	<0.08	11.72	0.53	
3201328	Drill Core	0.24	0.01	0.11	0.01	0.01	0.27	<0.01	0.05	2.88	8.53	99.84	0.02	0.52	12.93	0.42	0.10	<0.08	11.56	4.12	



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QUALITY CONTROL REPORT

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	Method	WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
3201217	Drill Core	2.08	2.3	27.3	59.9	101	1.2	44.2	12.1	2329	7.73	53	1.6	1.6	94	3.5	26.1	<0.5	70	0.19	0.061
3201253	Drill Core	2.42	<0.5	675.4	4876.0	>200000	101.2	107.3	13.3	1498	7.29	239	<0.5	1.9	8	2554.7	300.8	<0.5	15	0.06	<0.001
3201322	Drill Core	1.56	9.3	46.1	432.4	1684	2.4	64.5	9.4	35	5.73	92	26.3	0.9	70	14.3	50.4	<0.5	32	<0.01	0.025
Pulp Duplicates																					
3201193	Drill Core	1.33	7.2	26.9	71.6	1466	1.7	104.8	14.1	1456	5.29	120	2.1	1.4	125	4.5	37.5	<0.5	58	0.33	0.131
REP 3201193	QC		7.2	25.0	68.7	1449	1.6	98.4	13.1	1447	5.22	118	2.0	1.2	123	4.8	37.5	<0.5	58	0.32	0.133
3201195	Drill Core	1.04	6.0	14.7	197.8	821	1.7	301.0	37.7	8632	22.65	355	2.9	1.2	178	2.7	24.3	<0.5	164	0.60	0.139
REP 3201195	QC																				
3201214	Drill Core	1.68	3.4	85.8	103.3	25511	2.8	52.8	14.4	1372	5.88	75	1.0	1.4	116	125.5	41.3	<0.5	55	0.23	0.095
REP 3201214	QC																				
3201215	Drill Core	2.24	2.3	55.0	49.6	8417	0.9	40.1	15.0	1686	5.64	49	1.1	1.7	101	50.6	18.6	<0.5	37	0.16	0.058
REP 3201215	QC																				
3201218	Drill Core	1.96	1.9	28.2	47.4	3757	0.8	39.6	11.0	1637	5.39	45	1.3	1.5	101	24.1	16.2	<0.5	36	0.18	0.074
REP 3201218	QC																				
REP 3201221	QC																				
3201223	Drill Core	1.60	1.8	13.8	845.1	13869	1.9	43.3	18.4	3318	10.99	57	<0.5	1.1	67	76.0	16.9	<0.5	41	0.17	0.046
REP 3201223	QC																				
3201226	Drill Core	1.68	2.6	70.6	424.5	37405	4.5	44.1	16.4	2176	7.65	64	0.8	1.4	74	267.1	35.9	<0.5	46	0.17	0.057
REP 3201226	QC		2.5	71.7	425.1	37119	4.5	46.5	16.2	2281	7.63	68	0.9	1.2	74	263.7	35.4	<0.5	47	0.17	0.058
3201228	Drill Core	2.86	6.0	75.8	174.9	15622	3.4	59.9	13.6	232	1.92	71	3.4	1.4	71	79.2	48.3	<0.5	29	0.11	0.058
REP 3201228	QC																				
3201248	Drill Core	2.22	2.5	118.3	423.9	71802	14.2	88.3	22.2	263	6.29	324	0.9	1.6	45	420.4	66.3	<0.5	18	0.11	0.048
REP 3201248	QC																				
3201250	Drill Core	2.02	1.7	352.5	798.2	190186	38.4	68.2	18.2	2028	10.22	174	0.6	1.1	28	1414.4	148.1	<0.5	34	0.15	0.039
REP 3201250	QC																				
3201252	Drill Core	1.25	1.5	44.8	2.6	161	<0.5	4.9	9.7	475	3.00	<5	0.7	2.1	88	0.8	<0.5	<0.5	102	1.07	0.064
REP 3201252	QC																				
3201254	Drill Core	2.40	<0.5	656.6	5879.3	>200000	96.1	117.9	18.1	1222	7.47	300	<0.5	1.0	12	2505.0	293.5	<0.5	14	0.05	0.019
REP 3201254	QC																				



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QUALITY CONTROL REPORT

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	Method Analyte Unit MDL	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF725	LF725	LF725	LF725	LF725
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	SiO2	Al2O3	Fe2O3	CaO	MgO
		ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	%	%
		0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01	0.01	0.01	0.01	0.01
3201217	Drill Core	2.9	18.0	0.26	136	<0.001	0.34	<0.01	0.10	<0.5	0.47	6.8	<0.5	0.53	<5	<2	67.68	8.57	11.67	0.27	0.56
3201253	Drill Core	<0.5	5.5	0.18	211	0.009	0.14	<0.01	<0.01	<0.5	312.64	2.4	1.1	22.92	14	3	20.79	1.75	10.23	0.08	0.32
3201322	Drill Core	1.9	21.6	<0.01	718	<0.001	0.32	<0.01	0.10	<0.5	3.44	3.4	2.0	6.27	7	<2	78.21	5.62	7.94	0.02	0.11
Pulp Duplicates																					
3201193	Drill Core	3.5	22.5	0.10	151	0.002	0.24	<0.01	0.09	<0.5	1.35	4.6	1.1	2.12	<5	4	78.45	6.00	8.01	0.48	0.24
REP 3201193	QC	1.3	21.6	0.09	145	0.002	0.24	<0.01	0.08	<0.5	1.29	4.2	1.1	2.06	<5	4					
3201195	Drill Core	1.2	228.7	0.45	74	0.004	0.64	<0.01	0.02	<0.5	0.84	13.7	<0.5	0.63	<5	4	35.76	6.78	34.08	0.85	0.90
REP 3201195	QC																				
3201214	Drill Core	2.2	16.1	0.17	151	0.001	0.46	<0.01	0.11	<0.5	20.23	4.7	1.0	2.98	<5	3	69.54	6.13	8.74	0.33	0.39
REP 3201214	QC																				
3201215	Drill Core	2.9	14.5	0.19	138	0.001	0.37	<0.01	0.11	<0.5	7.58	3.2	0.6	1.17	<5	<2	71.80	8.54	8.49	0.24	0.41
REP 3201215	QC																				
3201218	Drill Core	2.4	13.7	0.18	137	0.002	0.39	<0.01	0.11	<0.5	2.90	3.6	<0.5	0.69	<5	<2	74.24	7.82	8.24	0.28	0.41
REP 3201218	QC																74.22	7.86	8.22	0.27	0.40
REP 3201221	QC																73.77	7.04	6.55	0.31	0.37
3201223	Drill Core	1.9	17.0	0.38	112	0.001	0.36	<0.01	0.08	<0.5	10.59	4.2	<0.5	1.49	<5	<2	64.13	5.47	16.69	0.26	0.70
REP 3201223	QC																				
3201226	Drill Core	2.0	14.8	0.28	140	<0.001	0.29	<0.01	0.11	<0.5	29.00	5.1	0.7	2.62	<5	<2	66.04	6.61	10.95	0.23	0.51
REP 3201226	QC	1.9	14.7	0.25	141	0.001	0.29	<0.01	0.09	<0.5	28.51	5.7	0.8	2.61	<5	<2					
3201228	Drill Core	2.5	13.2	0.04	228	0.001	0.39	<0.01	0.14	<0.5	12.06	1.9	1.1	2.02	<5	<2	79.70	8.18	3.03	0.16	0.16
REP 3201228	QC																				
3201248	Drill Core	1.7	9.3	0.06	483	<0.001	0.48	<0.01	0.13	<0.5	56.38	1.4	3.2	9.24	<5	<2	59.40	9.31	9.03	0.17	0.22
REP 3201248	QC																				
3201250	Drill Core	1.0	10.1	0.32	348	<0.001	0.35	<0.01	0.09	<0.5	137.41	4.1	2.0	13.56	7	5	38.91	6.39	14.54	0.22	0.65
REP 3201250	QC																				
3201252	Drill Core	6.6	6.7	0.86	174	0.181	2.00	0.27	0.30	<0.5	<0.05	4.0	<0.5	<0.05	6	<2	60.42	16.92	6.40	6.21	2.87
REP 3201252	QC																60.43	16.92	6.39	6.20	2.87
3201254	Drill Core	<0.5	4.0	0.15	224	<0.001	0.15	<0.01	<0.01	<0.5	311.47	1.3	1.1	23.81	12	8	17.90	2.06	10.91	0.08	0.27
REP 3201254	QC																				



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QUALITY CONTROL REPORT

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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
3201217	Drill Core	0.98	0.32	0.52	0.15	0.02	0.12	<0.01	0.01	0.01	7.99	98.99	0.03	2.36	0.61	0.73	0.06	5.76	0.45	0.49	
3201253	Drill Core	0.31	0.20	0.11	0.05	<0.01	0.16	0.05	0.48	>24	14.77	99.99	0.01	0.82	24.34	0.19	<0.02	2.30	11.05	39.87	41.0
3201322	Drill Core	0.87	0.02	0.35	0.11	<0.01	0.88	<0.01	0.03	0.16	5.17	99.69	0.04	0.51	6.37	0.42	0.09	<0.08	6.23	0.44	
Pulp Duplicates																					
3201193	Drill Core	0.60	0.20	0.46	0.35	0.01	0.10	<0.01	0.02	0.16	5.92	101.11	0.05	1.95	2.27	1.10	0.15	2.57	1.99	0.82	
REP 3201193	QC																				
3201195	Drill Core	0.21	1.10	1.37	0.40	0.06	0.05	<0.01	0.03	0.09	18.05	99.82	0.06	5.85	0.72	1.14	0.03	17.14	0.24	1.44	
REP 3201195	QC													5.84	0.73						
3201214	Drill Core	0.91	0.18	0.38	0.23	0.02	0.12	<0.01	0.02	2.76	6.44	96.94	0.03	1.59	3.27	0.69	0.06	3.10	1.82	4.35	
REP 3201214	QC																			4.92	
3201215	Drill Core	1.07	0.21	0.49	0.16	0.02	0.14	<0.01	<0.01	0.92	6.32	99.15	0.03	1.66	1.15	0.57	0.05	3.80	0.60	1.66	
REP 3201215	QC																0.06				
3201218	Drill Core	0.89	0.22	0.49	0.19	0.01	0.12	<0.01	0.01	0.42	5.98	99.50	0.03	1.73	0.70	0.62	0.10	3.74	0.37	0.99	
REP 3201218	QC	0.89	0.22	0.48	0.19	0.01	0.12	<0.01	0.01	0.41	5.98	99.47	0.03								
REP 3201221	QC	0.92	0.14	0.50	0.22	0.01	0.15	<0.01	0.05	3.12	5.28	99.32	0.03								
3201223	Drill Core	0.65	0.45	0.39	0.11	<0.01	0.09	<0.01	0.09	1.49	9.56	100.55	0.02	2.91	1.49	0.69	0.06	7.90	0.48	3.03	
REP 3201223	QC																	7.98			
3201226	Drill Core	0.89	0.28	0.38	0.13	<0.01	0.14	<0.01	0.04	3.86	7.71	98.80	0.04	2.05	2.81	0.61	0.03	5.14	0.76	6.15	
REP 3201226	QC																				
3201228	Drill Core	1.40	0.05	0.49	0.15	<0.01	0.22	<0.01	<0.01	1.48	3.62	99.15	0.05	0.82	2.22	0.65	0.05	0.44	1.52	2.09	
REP 3201228	QC													0.81	2.20						
3201248	Drill Core	1.75	0.05	0.56	0.12	0.02	0.79	<0.01	0.04	7.26	7.59	98.33	0.04	0.62	9.55	0.49	0.02	0.40	6.33	9.65	
REP 3201248	QC																			10.28	
3201250	Drill Core	1.15	0.28	0.37	0.11	<0.01	0.56	0.03	0.08	18.96	12.60	99.76	0.03	1.65	13.77	0.47	<0.02	4.26	4.72	27.16	
REP 3201250	QC																<0.02				
3201252	Drill Core	1.52	0.15	0.54	0.13	<0.01	0.06	<0.01	<0.01	<0.01	0.91	99.48	0.03	0.03	<0.02	<0.02	<0.02	<0.08	<0.05	0.41	
REP 3201252	QC	1.51	0.15	0.54	0.13	<0.01	0.05	<0.01	<0.01	<0.01	0.91	99.48	0.03								
3201254	Drill Core	0.36	0.18	0.14	0.04	<0.01	0.19	0.05	0.63	>24	15.34	100.74	0.01	0.72	26.35	0.20	<0.02	1.88	11.92	43.29	42.0
REP 3201254	QC																				41.7



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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 3201255	QC																				
3201258	Drill Core	1.96	12.1	69.8	934.0	8002	7.3	90.9	14.0	64	20.70	380	1.9	0.8	58	45.9	83.3	<0.5	35	0.02	0.022
REP 3201258	QC																				
3201261	Drill Core	1.17	19.6	81.7	5623.0	27286	8.5	110.7	11.5	45	7.42	185	2.2	1.6	39	97.0	122.3	<0.5	54	0.03	0.018
REP 3201261	QC		18.5	73.2	5381.1	26948	8.5	112.3	11.2	42	7.46	186	1.8	1.4	37	98.7	124.3	<0.5	52	0.03	0.015
3201263	Drill Core	2.00	27.2	47.7	332.1	1453	2.9	129.1	11.9	32	3.81	96	2.0	1.9	33	5.3	79.4	<0.5	33	0.04	0.010
REP 3201263	QC																				
3201283	Drill Core	1.46	22.2	67.9	260.0	179	1.1	118.2	12.9	28	4.52	96	4.6	2.2	87	17.9	64.9	<0.5	44	0.04	0.043
REP 3201283	QC																				
3201285	Drill Core	1.43	28.2	66.3	490.7	1444	2.4	152.6	15.6	49	6.07	119	3.0	2.3	194	6.0	58.0	<0.5	36	0.19	0.085
REP 3201285	QC																				
3201286	Drill Core	1.62	24.2	68.6	1801.4	21055	5.9	141.0	11.1	60	7.03	145	2.4	1.9	60	60.1	72.5	<0.5	27	0.03	0.012
REP 3201286	QC																				
REP 3201289	QC																				
3201293	Drill Core	1.87	15.3	56.5	5099.2	10404	22.7	73.7	14.6	53	13.29	629	10.0	1.0	26	185.2	425.5	<0.5	24	<0.01	0.015
REP 3201293	QC																				
3201296	Drill Core	1.24	16.6	87.9	4667.4	24147	12.8	96.7	10.1	65	4.88	192	2.7	1.0	22	109.4	95.9	<0.5	41	<0.01	0.011
REP 3201296	QC		17.1	87.7	4745.2	24844	14.0	95.0	9.7	64	4.97	194	2.8	1.4	23	117.3	101.5	<0.5	41	<0.01	0.009
3201298	Drill Core	2.16	17.7	50.9	6354.8	285	12.2	90.5	10.4	55	4.54	198	2.9	1.6	65	2.4	102.5	<0.5	30	0.03	0.025
REP 3201298	QC																				
3201318	Drill Core	2.01	4.0	50.5	2697.7	7265	10.6	53.2	14.2	46	14.14	410	1.4	<0.5	13	43.9	282.9	<0.5	10	<0.01	0.005
REP 3201318	QC																				
3201320	Rock Pulp	0.04	3.8	444.6	34125.3	46229	54.2	16.5	39.8	2270	7.23	150	1.5	6.6	25	167.8	48.2	<0.5	<10	4.63	0.055
REP 3201320	QC																				
REP 3201323	QC																				
3201328	Drill Core	1.24	5.7	82.6	468.8	29156	5.7	53.4	19.8	52	10.36	259	0.8	<0.5	19	180.8	97.9	<0.5	14	<0.01	0.007
REP 3201328	QC																				
Core Reject Duplicates																					
3201221	Drill Core	1.76	2.0	64.9	440.0	31366	2.7	33.9	10.2	1247	4.33	40	0.9	1.7	121	131.2	16.0	<0.5	36	0.21	0.084



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		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF725	LF725	LF725	LF725	LF725	
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	SiO2	Al2O3	Fe2O3	CaO	MgO	
		ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	%	%	
		0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01	0.01	0.01	0.01	0.01	
REP 3201255	QC																25.74	2.95	4.54	0.08	0.03	
3201258	Drill Core	0.9	13.1	<0.01	51	<0.001	0.30	<0.01	0.02	0.7	13.62	0.7	3.8	23.31	<5	2	45.28	3.58	30.48	0.04	0.05	
REP 3201258	QC																					
3201261	Drill Core	2.3	16.9	0.01	248	<0.001	0.48	<0.01	0.09	<0.5	27.03	<0.5	5.0	9.91	<5	6	64.86	7.46	11.35	0.05	0.10	
REP 3201261	QC	2.4	17.5	0.01	252	<0.001	0.46	<0.01	0.10	<0.5	28.34	1.1	4.9	9.97	<5	6						
3201263	Drill Core	3.8	14.4	0.02	1180	<0.001	0.40	<0.01	0.10	<0.5	3.08	0.9	4.7	4.43	<5	3	68.56	11.57	6.13	0.07	0.21	
REP 3201263	QC																					
3201283	Drill Core	4.2	15.4	0.01	712	0.001	0.52	<0.01	0.13	<0.5	2.39	0.9	4.1	4.90	<5	13	70.25	10.34	6.78	0.06	0.22	
REP 3201283	QC																					
3201285	Drill Core	4.6	13.7	0.01	528	0.002	1.38	<0.01	0.15	<0.5	4.82	1.2	5.4	6.18	<5	10	59.19	12.62	9.16	0.27	0.23	
REP 3201285	QC																					
3201286	Drill Core	4.2	12.8	0.01	510	0.001	1.06	<0.01	0.12	<0.5	45.63	0.8	4.6	8.55	<5	8	61.21	9.76	10.44	0.05	0.19	
REP 3201286	QC																61.61	9.81	10.52	0.06	0.18	
REP 3201289	QC																64.44	8.15	11.67	0.53	0.17	
3201293	Drill Core	1.6	17.0	<0.01	124	0.001	0.22	<0.01	0.05	<0.5	31.89	1.3	17.9	15.56	<5	2	61.95	2.41	19.76	0.02	0.06	
REP 3201293	QC																					
3201296	Drill Core	2.3	15.9	<0.01	833	<0.001	0.32	<0.01	0.08	<0.5	62.43	1.6	4.2	6.63	<5	5	73.84	5.45	6.93	0.02	0.10	
REP 3201296	QC	2.5	16.6	<0.01	538	<0.001	0.36	<0.01	0.09	<0.5	64.87	1.2	3.8	6.55	<5	8						
3201298	Drill Core	1.9	15.2	<0.01	1099	<0.001	0.38	<0.01	0.10	<0.5	3.74	1.2	2.9	5.12	<5	<2	76.45	5.82	6.75	0.06	0.12	
REP 3201298	QC																					
3201318	Drill Core	<0.5	18.9	<0.01	164	<0.001	0.13	<0.01	0.03	<0.5	15.47	0.6	3.7	16.20	<5	<2	63.84	1.88	20.61	0.01	0.06	
REP 3201318	QC																					
3201320	Rock Pulp	21.6	14.8	2.60	255	0.016	1.00	0.01	0.66	<0.5	1.43	2.9	44.3	7.66	<5	<2	38.21	7.59	10.88	6.89	4.87	
REP 3201320	QC																38.33	7.62	10.93	6.94	4.88	
REP 3201323	QC																66.56	6.57	13.56	0.02	0.14	
3201328	Drill Core	<0.5	11.2	<0.01	394	<0.001	0.13	<0.01	0.03	<0.5	47.51	<0.5	3.1	12.70	<5	<2	70.28	1.66	14.95	<0.01	0.04	
REP 3201328	QC																70.46	1.68	14.67	<0.01	0.04	
Core Reject Duplicates																						
3201221	Drill Core	2.9	16.6	0.17	299	0.001	0.50	<0.01	0.12	<0.5	24.08	3.2	<0.5	1.98	<5	<2	73.85	7.08	6.55	0.31	0.37	



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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	0.08	0.05	0.05	0.1
REP 3201255	QC	0.54	0.04	0.22	0.07	<0.01	0.31	0.07	0.25	>24	12.33	100.61	0.02								
3201258	Drill Core	0.27	0.03	0.20	0.04	<0.01	0.37	<0.01	0.10	0.79	18.11	99.62	0.02	1.16	25.06	1.11	0.04	<0.08	24.41	1.94	
REP 3201258	QC																	<0.08			
3201261	Drill Core	0.98	0.03	0.36	0.03	<0.01	1.36	<0.01	0.54	2.82	9.12	100.03	0.04	1.22	10.63	1.21	<0.02	<0.08	9.06	4.71	
REP 3201261	QC																				
3201263	Drill Core	1.57	0.03	0.55	0.03	0.02	2.22	<0.01	0.03	0.15	7.63	99.20	0.06	2.36	4.90	2.32	0.04	<0.08	4.73	0.49	
REP 3201263	QC													2.34	5.01						
3201283	Drill Core	1.53	0.02	0.46	0.09	<0.01	2.25	<0.01	0.02	0.02	6.89	99.32	0.07	1.92	5.52	1.89	0.02	<0.08	5.41	0.31	
REP 3201283	QC																			0.30	
3201285	Drill Core	1.57	0.03	0.60	0.20	<0.01	5.06	<0.01	0.05	0.15	8.84	98.72	0.07	2.01	7.39	1.96	0.03	0.09	6.94	1.37	
REP 3201285	QC																	0.03			
3201286	Drill Core	1.26	0.03	0.50	0.02	<0.01	3.78	<0.01	0.17	2.09	9.16	99.73	0.06	2.01	9.46	1.96	0.02	<0.08	8.32	3.40	
REP 3201286	QC	1.26	0.03	0.50	0.03	<0.01	3.83	<0.01	0.18	2.11	9.16	100.37	0.06								
REP 3201289	QC	1.04	0.04	0.68	0.42	0.02	2.43	<0.01	0.03	0.01	9.83	99.84	0.11								
3201293	Drill Core	0.32	0.03	0.19	0.03	<0.01	0.77	<0.01	0.52	1.04	11.94	99.45	0.03	1.15	16.60	1.11	0.03	<0.08	15.85	2.24	
REP 3201293	QC																	<0.08			
3201296	Drill Core	0.74	0.03	0.31	0.02	<0.01	1.18	<0.01	0.44	2.30	6.80	98.99	0.05	2.07	6.58	1.94	0.13	<0.08	5.53	3.15	
REP 3201296	QC																				
3201298	Drill Core	0.82	0.03	0.32	0.07	0.01	1.24	<0.01	0.58	0.03	6.77	99.29	0.04	2.71	5.44	2.54	0.16	<0.08	5.29	0.45	
REP 3201298	QC													2.69	5.42						
3201318	Drill Core	0.27	0.03	0.11	0.01	<0.01	0.35	<0.01	0.26	0.70	10.85	99.23	0.01	0.36	16.22	0.33	0.03	<0.08	15.75	1.40	
REP 3201318	QC																			1.44	
3201320	Rock Pulp	3.58	0.30	0.25	0.11	<0.01	0.10	0.04	3.51	4.94	15.51	98.46	<0.01	3.27	7.89	0.97	<0.02	8.43	4.08	11.44	
REP 3201320	QC	3.58	0.31	0.26	0.11	<0.01	0.10	0.04	3.51	4.99	15.51	98.79	<0.01				<0.02				
REP 3201323	QC	1.07	0.01	0.39	0.10	<0.01	0.97	<0.01	0.04	0.81	8.33	98.95	0.04								
3201328	Drill Core	0.24	0.01	0.11	0.01	0.01	0.27	<0.01	0.05	2.88	8.53	99.84	0.02	0.52	12.93	0.42	0.10	<0.08	11.56	4.12	
REP 3201328	QC	0.23	0.01	0.14	0.02	<0.01	0.25	<0.01	0.05	2.86	8.53	99.72	0.02					<0.08			
Core Reject Duplicates																					
3201221	Drill Core	0.91	0.15	0.49	0.21	<0.01	0.15	<0.01	0.05	3.13	5.28	99.40	0.03	1.31	2.05	0.52	0.08	2.58	0.42	4.89	



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		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
DUP 3201221	QC		1.9	67.4	461.0	31620	3.0	34.9	10.0	1159	4.22	42	0.9	1.7	119	137.1	17.0	<0.5	34	0.20	0.095
3201255	Drill Core	1.03	0.8	800.2	2419.1	>200000	105.8	156.8	25.2	81	2.98	277	<0.5	0.7	19	2687.0	367.4	<0.5	12	0.06	0.028
DUP 3201255	QC		0.7	848.9	2431.6	>200000	109.4	162.1	27.1	74	3.02	265	<0.5	0.7	19	2820.6	393.6	<0.5	12	0.06	0.028
3201289	Drill Core	1.72	26.0	69.5	407.6	122	4.7	229.0	19.6	101	7.80	390	5.7	0.8	242	2.6	87.2	<0.5	94	0.36	0.185
DUP 3201289	QC		24.2	66.7	394.5	136	4.5	215.7	20.8	92	7.81	374	5.5	0.8	247	2.5	85.2	<0.5	88	0.35	0.176
3201323	Drill Core	1.88	5.1	65.6	488.0	8264	4.3	54.5	10.2	38	9.44	180	1.9	<0.5	52	38.7	82.9	<0.5	32	0.01	0.021
DUP 3201323	QC		5.0	63.6	503.8	8034	4.3	54.1	10.3	34	9.55	176	1.7	<0.5	53	36.5	81.9	<0.5	31	0.01	0.015
Reference Materials																					
STD COO1	Standard																				
STD COO1	Standard																				
STD COO1	Standard																				
STD COO1	Standard																				
STD COO1	Standard																				
STD COO1	Standard																				
STD COO1	Standard																				
STD COO1	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 GGC-10	Standard																				
STD GGC-10	Standard																				
STD GGC-10	Standard																				
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		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	SiO2	Al2O3	Fe2O3	CaO	MgO
		ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	%	%
		0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01	0.01	0.01	0.01	0.01
DUP 3201221	QC	3.1	17.4	0.18	293	0.001	0.48	<0.01	0.11	<0.5	26.39	3.0	<0.5	2.01	<5	<2	73.55	7.12	6.50	0.30	0.37
3201255	Drill Core	0.5	5.0	<0.01	218	<0.001	0.16	<0.01	<0.01	<0.5	347.96	<0.5	1.9	21.92	9	<2	25.44	2.91	4.46	0.08	0.04
DUP 3201255	QC	<0.5	4.6	<0.01	245	<0.001	0.17	<0.01	<0.01	<0.5	368.58	<0.5	1.6	23.18	10	3	25.34	2.95	4.32	0.08	0.03
3201289	Drill Core	1.8	48.0	0.01	238	0.003	0.85	<0.01	0.14	<0.5	3.91	1.4	3.1	8.80	<5	17	64.47	8.11	11.65	0.53	0.15
DUP 3201289	QC	1.8	41.5	0.01	244	0.003	0.80	<0.01	0.12	<0.5	3.98	1.4	3.0	8.78	<5	16	63.81	8.08	11.70	0.53	0.15
3201323	Drill Core	0.6	13.1	<0.01	305	<0.001	0.38	<0.01	0.12	<0.5	13.67	1.1	2.5	10.76	<5	<2	66.55	6.51	13.46	0.01	0.13
DUP 3201323	QC	0.8	12.3	<0.01	270	<0.001	0.35	<0.01	0.11	<0.5	12.95	1.4	2.3	10.90	<5	<2	66.97	6.50	13.40	0.01	0.13
Reference Materials																					
STD COO1	Standard																				
STD COO1	Standard																				
STD COO1	Standard																				
STD COO1	Standard																				
STD COO1	Standard																				
STD COO1	Standard																				
STD COO1	Standard																				
STD COO1	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 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																				



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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	0.08	0.05	0.05	0.1
DUP 3201221	QC	0.92	0.15	0.53	0.23	0.01	0.14	<0.01	0.05	3.21	5.31	99.28	0.03	1.29	2.08	0.53	0.06	2.56	0.45	4.90	
3201255	Drill Core	0.54	0.04	0.20	0.07	<0.01	0.29	0.06	0.24	>24	12.33	100.15	0.02	0.15	24.45	0.14	<0.02	<0.08	18.29	18.49	42.6
DUP 3201255	QC	0.54	0.03	0.21	0.07	<0.01	0.30	0.06	0.26	>24	12.29	99.91	0.02	0.15	23.98	0.14	<0.02	<0.08	17.42	19.67	42.7
3201289	Drill Core	1.05	0.04	0.69	0.41	0.02	2.42	<0.01	0.03	0.01	9.83	99.79	0.11	2.69	9.19	2.63	0.06	<0.08	8.93	0.76	
DUP 3201289	QC	1.03	0.04	0.69	0.41	0.02	2.41	<0.01	0.03	0.02	9.82	99.12	0.11	2.63	9.16	2.55	0.07	<0.08	8.91	0.76	
3201323	Drill Core	1.04	0.01	0.38	0.08	<0.01	0.95	<0.01	0.04	0.79	8.33	98.68	0.04	0.59	10.95	0.49	0.09	<0.08	10.49	1.37	
DUP 3201323	QC	1.04	0.02	0.37	0.08	<0.01	0.94	<0.01	0.05	0.77	8.36	99.02	0.04	0.58	10.87	0.46	0.12	<0.08	10.44	1.30	
Reference Materials																					
STD COO1	Standard																	2.36			
STD COO1	Standard																	2.20			
STD COO1	Standard																	2.23			
STD COO1	Standard																	2.27			
STD COO1	Standard																	2.40			
STD COO1	Standard																	2.24			
STD COO1	Standard																	2.16			
STD COO1	Standard																	2.44			
STD CZN-4	Standard																				55.3
STD GBM309-15	Standard													0.22	27.68						
STD GBM309-15	Standard													0.22	27.40						
STD GBM309-15	Standard													0.23	27.43						
STD GBM309-15	Standard																				
STD GBM309-14	Standard																				22.2
STD GGC-10	Standard																	5.02			
STD GGC-10	Standard																	4.93			
STD GGC-10	Standard																	4.88			
STD GGC-10	Standard																	4.67			
STD GGC-10	Standard																	4.74			
STD GGC-10	Standard																	4.83			
STD GGC-10	Standard																	4.75			



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QUALITY CONTROL REPORT

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		WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
STD GGC-10	Standard																				
STD 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 OREAS133B(D)	Standard																				
STD OREAS133B(D)	Standard																				
STD OREAS135	Standard		8.5	276.9	16850.4	27743	52.9	35.7	27.7	3800	8.87	951	9.6	11.0	27	66.9	38.3	5.0	30	1.79	0.105
STD OREAS133B(D)	Standard																				
STD OREAS135	Standard		8.0	297.6	17999.5	28355	57.4	34.7	28.7	3933	9.09	1000	9.7	11.5	28	73.0	43.0	5.2	31	1.81	0.105
STD OREAS133B(D)	Standard																				
STD OREAS133B(D)	Standard																				
STD OREAS605	Standard		4.8	46942.8	860.7	1992	>1000	1500.2	95.2	88	3.57	1694	0.9	2.8	50	13.5	291.1	18.8	<10	0.17	0.009
STD OREAS605	Standard		4.9	49516.4	860.9	2173	>1000	1602.0	90.2	89	3.42	1669	1.0	2.9	53	15.0	325.6	21.7	<10	0.18	0.013
STD OREAS605	Standard		4.9	49305.8	886.9	2279	985.4	1588.3	92.4	91	3.71	1685	1.0	2.8	52	14.6	306.5	20.6	<10	0.18	0.011
STD OREAS605	Standard		5.0	49889.2	874.9	2276	998.2	1569.6	94.4	89	3.70	1693	0.9	2.6	52	14.8	319.2	20.5	<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	10634.4	227.1	671	4.5	30.6	28.8	1155	8.09	12	1.8	12.5	15	1.0	1.3	67.2	36	0.31	0.050
STD OREAS927-AR	Standard		1.0	10752.3	241.7	687	4.6	27.4	26.6	1077	7.85	13	1.9	12.3	15	1.0	1.3	71.1	35	0.29	0.060
STD RTS-3A	Standard																				
STD RTS-3A	Standard																				



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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 GGC-10	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 OREAS133B(D)	Standard																34.45	6.90	11.51	5.27	3.81
STD OREAS133B(D)	Standard																34.69	6.91	11.55	5.33	3.83
STD OREAS135	Standard	38.2	21.1	0.82	412	0.025	1.10	0.02	0.49	2.8	1.24	4.1	6.2	7.08	5	<2					
STD OREAS133B(D)	Standard																34.63	6.93	11.49	5.30	3.84
STD OREAS135	Standard	39.8	21.8	0.84	411	0.026	1.10	0.02	0.50	3.2	1.02	4.0	6.0	7.21	5	<2					
STD OREAS133B(D)	Standard																34.62	6.93	11.55	5.28	3.82
STD OREAS133B(D)	Standard																34.57	6.88	11.47	5.33	3.83
STD OREAS605	Standard	7.4	26.4	0.03	149	0.010	0.77	0.03	0.15	6.7	1.57	0.9	16.0	7.66	6	75					
STD OREAS605	Standard	7.5	27.0	0.03	209	0.011	0.74	0.03	0.15	7.6	1.84	1.1	17.2	7.79	7	79					
STD OREAS605	Standard	7.8	27.7	0.03	234	0.010	0.75	0.03	0.16	6.8	1.80	1.2	16.5	7.94	7	85					
STD OREAS605	Standard	7.4	28.5	0.03	265	0.010	0.72	0.03	0.14	7.3	1.84	1.3	16.2	7.93	7	87					
STD OREAS72B	Standard																51.20	8.96	9.99	3.98	16.08
STD OREAS72B	Standard																51.06	8.86	9.97	3.95	16.00
STD OREAS72B	Standard																51.04	8.81	9.90	3.96	15.96
STD OREAS72B	Standard																51.19	8.90	9.81	3.96	16.01
STD OREAS72B	Standard																51.15	8.95	9.90	3.97	16.05
STD OREAS927-AR	Standard	28.7	41.1	1.93	51	0.096	3.35	<0.01	0.27	5.4	<0.05	5.1	<0.5	1.85	8	15					
STD OREAS927-AR	Standard	28.1	38.3	1.90	50	0.087	3.28	<0.01	0.31	5.8	0.23	4.1	<0.5	1.70	9	14					
STD RTS-3A	Standard																				
STD RTS-3A	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	
STD GGC-10	Standard	4.76																				
STD GS311-1	Standard													0.99	2.40							
STD GS311-1	Standard													0.97	2.46							
STD GS311-1	Standard													0.97	2.43							
STD GS311-1	Standard													0.99	2.41							
STD GS910-4	Standard													2.73	8.68							
STD GS910-4	Standard													2.63	8.65							
STD GS910-4	Standard													2.66	8.47							
STD GS910-4	Standard													2.66	8.18							
STD OREAS133B(D)	Standard	3.46	0.17	0.22	0.12	<0.01	0.07	0.06	5.06	11.39	13.03	98.87	0.01									
STD OREAS133B(D)	Standard	3.44	0.16	0.22	0.12	<0.01	0.07	0.06	5.08	11.35	13.03	99.22	<0.01									
STD OREAS135	Standard																					
STD OREAS133B(D)	Standard	3.46	0.16	0.21	0.11	<0.01	0.08	0.06	5.07	11.37	13.03	99.14	<0.01									
STD OREAS135	Standard																					
STD OREAS133B(D)	Standard	3.46	0.16	0.21	0.12	0.02	0.08	0.06	5.07	11.38	13.03	99.22	<0.01									
STD OREAS133B(D)	Standard	3.50	0.16	0.21	0.12	<0.01	0.07	0.06	5.07	11.38	13.03	99.10	<0.01									
STD OREAS605	Standard																					
STD OREAS605	Standard																					
STD OREAS605	Standard																					
STD OREAS605	Standard																					
STD OREAS72B	Standard	1.33	0.15	0.35	0.05	0.15	0.04	0.02	<0.01	0.01	5.12	98.73	0.01									
STD OREAS72B	Standard	1.31	0.15	0.34	0.05	0.15	0.03	0.02	<0.01	0.01	5.12	98.36	0.01									
STD OREAS72B	Standard	1.32	0.15	0.35	0.05	0.14	0.03	0.02	<0.01	<0.01	5.12	98.16	0.01									
STD OREAS72B	Standard	1.35	0.14	0.39	0.05	0.15	0.03	0.02	<0.01	<0.01	5.12	98.43	0.01									
STD OREAS72B	Standard	1.34	0.14	0.34	0.05	0.15	0.03	0.02	<0.01	0.01	5.12	98.55	0.01									
STD OREAS927-AR	Standard																					
STD OREAS927-AR	Standard																					
STD RTS-3A	Standard																			3.56		
STD RTS-3A	Standard																			3.43		



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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 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 SY-4(D)	Standard																				
STD GS311-1 Expected																					
STD GS910-4 Expected																					
STD GBM309-15 Expected																					
STD RTS-3A Expected																					
STD OREAS927-AR Expected		1.06	10715	212	726	4.9	30.9	29.4	1110	8.15	13.5	1.7	12.5	13.1	1.1	1.3	66	34	0.3	0.054	
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 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 GGC-10 Expected																					
STD COO1 Expected																					
STD SY-4(D) Expected																					
STD OREAS72B Expected																					
STD OREAS133B(D) Expected																					
STD CZN-4 Expected																					
STD GBM309-14 Expected																					
BLK		Blank																			
BLK		Blank																			
BLK		Blank																			
BLK		Blank																			



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		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF725	LF725	LF725	LF725	LF725	
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	SiO2	Al2O3	Fe2O3	CaO	MgO
		ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	%	%
		0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01	0.01	0.01	0.01	0.01
STD 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	49.81 20.73 6.21 7.96 0.53																			
STD SY-4(D)	Standard	50.11 20.70 6.21 8.05 0.54																			
STD SY-4(D)	Standard	50.25 20.75 6.21 8.03 0.53																			
STD SY-4(D)	Standard	49.95 20.73 6.22 8.02 0.54																			
STD SY-4(D)	Standard	49.90 20.71 6.21 8.00 0.53																			
STD GS311-1 Expected																					
STD GS910-4 Expected																					
STD GBM309-15 Expected																					
STD RTS-3A Expected																					
STD OREAS927-AR Expected		26.9	41.7	1.94	51.4	0.085	3.25	0.011	0.27	4.9	0.12	4.74		1.77	9.09	15.5					
STD OREAS605 Expected		7.5	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 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 GGC-10 Expected																					
STD COO1 Expected																					
STD SY-4(D) Expected		49.9 20.69 6.21 8.05 0.54																			
STD OREAS72B Expected		51.16 8.97 9.724 3.96 15.933																			
STD OREAS133B(D) Expected		33.83 6.91 11.67 5.4 3.73																			
STD CZN-4 Expected																					
STD GBM309-14 Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				



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Fireweed Zinc Ltd.

Suite 1020, 800 Pender Street

Vancouver British Columbia V5C 2V6 Canada

Project:

MacMillan Pass

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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 RTS-3A	Standard	3.51																				
STD RTS-3A	Standard	3.52																				
STD RTS-3A	Standard	3.49																				
STD RTS-3A	Standard	3.16																				
STD RTS-3A	Standard	3.09																				
STD RTS-3A	Standard	3.04																				
STD SY-4(D)	Standard	1.67	0.11	0.29	0.14	<0.01	0.03	<0.01	<0.01	0.01	4.56	99.15	<0.01									
STD SY-4(D)	Standard	1.68	0.11	0.29	0.14	<0.01	0.04	<0.01	<0.01	0.01	4.56	99.53	<0.01									
STD SY-4(D)	Standard	1.67	0.11	0.29	0.14	<0.01	0.04	<0.01	<0.01	<0.01	4.56	99.76	<0.01									
STD SY-4(D)	Standard	1.67	0.11	0.28	0.14	<0.01	0.04	<0.01	<0.01	<0.01	4.56	99.42	<0.01									
STD SY-4(D)	Standard	1.66	0.11	0.28	0.14	<0.01	0.04	<0.01	0.01	0.01	4.56	99.26	<0.01									
STD GS311-1 Expected														1.02	2.35							
STD GS910-4 Expected														2.65	8.27							
STD GBM309-15 Expected														0.22	28.84							
STD RTS-3A Expected		3.3																				
STD OREAS927-AR Expected																						
STD OREAS605 Expected																						
STD OREAS135 Expected																						
STD GGC-10 Expected																	4.79					
STD COO1 Expected																			2.37			
STD SY-4(D) Expected		1.66	0.108	0.287	0.131	0.0345						4.56										
STD OREAS72B Expected		1.313	0.13	0.355	0.061	0.142	0.0335	0.0193				5.12										
STD OREAS133B(D) Expected							0.08	0.032	5.06	11.35												
STD CZN-4 Expected		55.07																				
STD GBM309-14 Expected		22.7192																				
BLK	Blank																		<0.05			
BLK	Blank														<0.02	<0.02						
BLK	Blank																		<0.08			
BLK	Blank																		<0.05			



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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		<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	<0.001
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank		<0.5	0.5	<0.5	<5	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	0.002
BLK	Blank																				
SI BLK	Blank																				
SI BLK	Blank																				
BLK	Blank		<0.5	<0.5	0.8	<5	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	<0.001
SI BLK	Blank																				
BLK	Blank		<0.5	2.0	<0.5	10	<0.5	0.8	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	<0.001
SI BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
SI BLK	Blank																				
SI BLK	Blank																				
Prep Wash																					
ROCK-WHI	Prep Blank		0.9	4.1	1.5	31	<0.5	1.5	3.5	573	1.88	<5	<0.5	1.9	23	<0.5	<0.5	<0.5	27	0.69	0.034
ROCK-WHI	Prep Blank		1.0	8.2	1.1	36	<0.5	2.4	4.3	598	2.02	<5	<0.5	2.3	30	<0.5	<0.5	<0.5	33	0.77	0.037



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		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF725	LF725	LF725	LF725	LF725
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	SiO2	Al2O3	Fe2O3	CaO	MgO
		ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	%	%
		0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01	0.01	0.01	0.01	0.01
BLK	Blank	<0.5	0.5	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	0.05	<0.5	<0.5	<0.05	<5	<2					
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.5	<0.5	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	<0.05	<0.5	<0.5	<0.05	<5	<2					
BLK	Blank																				
SI BLK	Blank																98.86	0.33	0.02	<0.01	0.01
SI BLK	Blank																99.29	0.32	<0.01	0.02	0.02
BLK	Blank	<0.5	0.9	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	<0.05	<0.5	<0.5	<0.05	<5	<2					
SI BLK	Blank																99.69	0.31	0.03	0.02	0.02
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					
SI BLK	Blank																98.47	0.32	<0.01	<0.01	0.02
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
SI BLK	Blank																98.68	0.31	<0.01	0.01	0.02
SI BLK	Blank																				
Prep Wash																					
ROCK-WHI	Prep Blank	6.9	3.6	0.51	68	0.103	0.98	0.12	0.13	<0.5	<0.05	3.7	<0.5	<0.05	<5	<2	70.48	14.05	3.26	2.21	1.01
ROCK-WHI	Prep Blank	6.3	4.5	0.57	66	0.109	1.09	0.12	0.12	<0.5	<0.05	4.6	<0.5	<0.05	<5	<2	69.31	14.09	3.60	2.47	1.19



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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																				
BLK	Blank	<0.05																			
BLK	Blank	<0.02 <0.02																			
BLK	Blank	<0.02 <0.02																			
BLK	Blank	<0.02 <0.02																			
BLK	Blank	<0.05																			
BLK	Blank	<0.08																			
BLK	Blank	<0.08																			
SI BLK	Blank	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.00	99.22	<0.01								
SI BLK	Blank	<0.01	0.02	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.00	99.67	<0.01								
BLK	Blank																				
SI BLK	Blank	<0.01	0.02	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.00	100.09	<0.01								
BLK	Blank																				
SI BLK	Blank	<0.01	0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.00	98.82	<0.01								
BLK	Blank	<0.02																			
BLK	Blank	<0.02																			
BLK	Blank	<0.02																			
BLK	Blank	<0.02																			
BLK	Blank	<0.08																			
SI BLK	Blank	<0.01	<0.01	0.03	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	0.00	99.04	<0.01								
SI BLK	Blank	<0.1																			
Prep Wash																					
ROCK-WHI	Prep Blank	1.92	0.10	0.34	0.08	<0.01	0.08	<0.01	<0.01	<0.01	0.97	99.23	<0.01	0.12	<0.02	0.06	<0.02	0.22	<0.05	0.15	
ROCK-WHI	Prep Blank	1.79	0.10	0.36	0.09	<0.01	0.07	<0.01	<0.01	<0.01	1.11	98.73	0.01	0.12	<0.02	0.08	<0.02	0.15	<0.05	0.15	