



BUREAU VERITAS MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

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: August 13, 2018
Report Date: September 29, 2018
Page: 1 of 6

CERTIFICATE OF ANALYSIS

WHI18000614.1

CLIENT JOB INFORMATION

Project: MacMillan Pass
Shipment ID: FWZ18-BV-012
P.O. Number
Number of Samples: 138

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 60 days Invoice for Storage

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

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

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-500	134	Crush, split and pulverize 500g rock to 200 mesh			WHI
CRUBW	134	Extra clean rock wash between samples in crusher			WHI
PULSW	134	Extra Wash with Silica between each sample			VAN
SLBHP	4	Sort, label and box pulps			WHI
FA330	134	Fire assay fusion Au Pt Pd by ICP-ES	30	Completed	VAN
EN002	138	Environmental disposal charge-Fire assay lead waste			VAN
AQ270	138	1:1:1 Aqua Regia digestion ICP-ES/ICP-MS analysis	1	Completed	VAN
LF725	138	Li2B4O7/LiBO2 fusion, analysis by XRF		Completed	VAN
TC006	138	15% HClO4 leach, CO2 analysis by Leco	0.2	Completed	VAN
TC003	138	Analysis by Leco	0.1	Completed	VAN
SHP01	138	Per sample shipping charges for branch shipments			VAN
LF726	7	Li2B4O7/LiBO2 fusion, analysis by XRF		Completed	VAN

ADDITIONAL COMMENTS



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	FA330	FA330	FA330	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
		Wgt	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi
		kg	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	3	2	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
3209001	Drill Core	2.57	13	7	4	14.8	48.6	78.4	53	0.7	67.0	6.2	197	3.00	40	2.4	4.2	75	<0.5	15.9	<0.5
3209002	Drill Core	2.52	17	13	3	19.4	52.7	137.7	147	0.8	77.8	6.5	196	2.84	44	2.6	3.9	62	0.5	19.1	<0.5
3209003	Drill Core	1.04	17	6	4	18.0	59.7	105.8	132	0.8	79.8	6.4	170	2.64	54	2.2	2.8	61	<0.5	20.4	<0.5
3209004	Drill Core	0.70	19	<3	3	16.7	56.2	114.2	94	0.8	70.6	5.9	91	2.63	52	2.3	3.5	23	<0.5	20.5	<0.5
3209005	Drill Core	2.82	19	<3	5	14.8	54.6	87.3	503	0.7	85.6	6.3	56	2.22	53	2.2	3.6	31	2.1	20.3	<0.5
3209006	Drill Core	1.24	30	<3	4	12.4	59.0	644.2	12704	0.8	59.6	7.4	241	3.08	55	2.2	3.0	90	56.0	26.4	<0.5
3209007	Drill Core	1.57	25	<3	6	12.5	65.9	4939.1	21588	1.9	61.0	8.4	235	2.96	60	2.4	3.3	121	99.9	32.6	<0.5
3209008	Drill Core	1.40	38	<3	<2	10.1	100.0	39089.5	138122	5.7	41.6	15.2	188	2.53	80	2.1	1.5	56	768.7	60.8	<0.5
3209009	Drill Core	1.06	62	3	<2	13.5	78.3	>40000	132373	13.0	47.2	14.5	119	3.00	111	2.4	1.9	59	743.6	76.0	<0.5
3209010	Drill Core	2.04	43	8	3	9.2	43.2	>40000	81919	10.0	41.0	13.2	263	2.85	87	1.9	2.0	84	490.5	59.1	<0.5
3209011	Drill Core	2.15	29	6	3	11.3	47.4	32281.6	68963	15.5	52.5	21.0	425	3.06	79	2.0	2.6	71	337.5	45.7	<0.5
3209012	Drill Core	1.90	16	<3	2	11.3	60.3	19227.9	71999	20.7	73.9	19.1	295	3.55	140	2.6	2.5	109	252.0	50.4	<0.5
3209013	Drill Core	2.21	45	<3	3	7.8	92.5	35563.6	147982	49.8	42.2	22.5	216	2.26	358	4.0	2.0	52	689.4	89.5	7.2
3209014	Drill Core	2.39	50	<3	<2	4.8	480.5	>40000>200000	227.1	31.6	21.0	294	1.98	145	2.4	0.7	41	1367.6	319.5	<0.5	
3209015	Rock	0.95	3	<3	<2	0.9	7.8	65.5	162	<0.5	2.2	4.9	653	2.23	<5	<0.5	2.0	34	<0.5	<0.5	<0.5
3209016	Drill Core	1.71	35	<3	6	1.0	619.6	>40000	149094	307.6	30.4	27.0	107	4.63	396	3.0	<0.5	62	764.6	536.2	<0.5
3209017	Rock Pulp	0.02	I.S.	I.S.	I.S.	3.0	340.7	>40000	106750	100.0	24.5	25.6	1287	8.00	150	1.2	5.2	17	338.0	172.8	0.5
3209018	Drill Core	1.93	46	9	3	1.3	804.7	>40000	130134	553.6	104.6	74.5	104	12.13	573	7.3	0.9	68	729.2	913.9	<0.5
3209019	Drill Core	1.52	35	4	<2	2.0	153.9	>40000	15027	498.0	108.3	48.4	1579	17.43	448	4.6	0.6	108	85.2	711.3	<0.5
3209020	Drill Core	1.10	48	4	<2	0.7	75.1	>40000	4525	88.2	89.2	40.5	3391	39.42	1213	1.2	<0.5	23	5.0	130.3	<0.5
3209021	Drill Core	1.70	40	3	5	1.1	145.5	>40000	16576	294.4	199.1	98.6	4958	29.31	998	3.3	<0.5	53	66.9	382.3	<0.5
3209022	Drill Core	1.62	44	10	<2	1.5	107.8	>40000	33320	320.2	320.6	170.1	7816	24.41	998	4.1	<0.5	37	151.9	410.1	<0.5
3209023	Drill Core	2.67	55	<3	9	1.6	144.4	>40000	62672	449.6	168.0	120.4	1549	19.08	1117	1.5	<0.5	64	311.3	553.5	<0.5
3209024	Drill Core	1.82	32	<3	<2	0.6	76.9	>40000>200000	306.1	142.1	99.4	4107	15.96	337	1.5	<0.5	32	954.1	364.6	<0.5	
3209025	Drill Core	2.06	20	<3	<2	0.6	256.9	>40000	111689	326.2	90.3	51.2	3206	11.51	116	1.8	<0.5	47	558.1	475.0	<0.5
3209026	Drill Core	1.58	31	5	<2	2.0	322.7	>40000	182403	304.5	80.1	56.2	2663	13.25	141	1.8	<0.5	37	660.0	383.1	<0.5
3209027	Drill Core	1.17	35	9	12	0.7	214.4	>40000>200000	290.6	107.0	52.1	4318	16.81	90	0.9	<0.5	29	1001.6	329.8	<0.5	
3209028	Drill Core	1.73	59	4	11	3.3	372.7	>40000>200000	243.3	114.9	85.7	4214	14.25	175	1.1	0.6	69	1037.5	309.2	<0.5	
3209029	Drill Core	1.53	85	<3	<2	5.5	539.2	>40000	171471	111.3	62.2	42.1	2797	8.21	168	2.0	0.8	278	671.1	141.5	<0.5
3209030	Drill Core	1.68	43	<3	<2	3.5	1759.2	19606.0	16956	29.1	116.8	56.4	7859	27.34	2474	1.1	<0.5	26	61.7	44.9	<0.5



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	Method Analyte Unit MDL	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF725	LF725
		V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	SiO2	Al2O3
		ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%
		10	0.01	0.001	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
3209001	Drill Core	93	1.00	0.128	8.5	24.7	0.40	1699	0.005	1.29	<0.01	0.19	<0.5	<0.05	4.3	1.1	2.00	<5	5	72.10	8.04
3209002	Drill Core	92	0.94	0.116	7.9	21.2	0.39	2041	0.004	1.39	<0.01	0.15	<0.5	0.10	4.2	1.0	1.80	<5	5	73.00	7.59
3209003	Drill Core	83	0.82	0.117	6.9	21.5	0.34	2645	0.004	1.60	<0.01	0.14	<0.5	0.15	5.9	1.0	1.51	<5	3	74.60	6.91
3209004	Drill Core	64	0.23	0.116	6.3	13.2	0.02	2243	0.003	1.60	<0.01	0.12	<0.5	0.14	2.8	1.1	1.70	<5	3	76.40	7.29
3209005	Drill Core	86	0.25	0.110	7.8	16.8	0.02	3130	0.004	2.11	<0.01	0.12	<0.5	0.15	3.8	1.0	1.14	<5	4	74.30	7.81
3209006	Drill Core	77	0.77	0.103	6.5	18.2	0.33	1655	0.003	2.59	<0.01	0.09	<0.5	2.69	6.2	4.4	1.76	<5	5	70.20	6.97
3209007	Drill Core	98	1.02	0.129	6.0	21.8	0.43	1238	0.003	2.61	<0.01	0.07	<0.5	4.68	6.5	4.2	2.22	<5	11	68.30	6.44
3209008	Drill Core	84	0.30	0.067	4.4	25.6	0.10	206	0.005	1.35	<0.01	0.05	<0.5	32.24	4.3	3.0	8.17	9	12	60.50	2.85
3209009	Drill Core	309	0.24	0.058	6.3	64.9	0.09	243	0.088	1.57	<0.01	0.04	0.5	29.91	5.0	3.1	8.70	8	13	58.80	3.05
3209010	Drill Core	280	0.28	0.052	6.7	59.5	0.13	444	0.084	2.11	<0.01	0.03	0.6	21.63	5.7	3.3	5.36	6	9	64.60	4.07
3209011	Drill Core	387	0.14	0.060	8.5	84.1	0.01	453	0.122	1.80	<0.01	0.05	0.7	19.81	5.4	2.2	4.42	5	11	68.40	3.48
3209012	Drill Core	403	0.19	0.109	8.2	79.3	0.01	383	0.119	2.17	<0.01	0.04	0.8	22.99	8.0	1.7	5.05	9	9	67.10	4.23
3209013	Drill Core	198	0.12	0.068	5.3	50.4	<0.01	197	0.060	0.72	<0.01	0.01	<0.5	39.50	3.2	2.1	9.02	6	13	62.20	2.45
3209014	Drill Core	103	0.15	0.035	2.5	27.5	0.01	161	0.028	0.30	<0.01	<0.01	<0.5	232.51	<0.5	5.6	17.89	16	11	29.00	1.36
3209015	Rock	27	0.90	0.041	5.9	5.2	0.54	86	0.101	1.18	0.11	0.13	<0.5	0.22	4.5	<0.5	<0.05	<5	<2	70.30	14.00
3209016	Drill Core	92	0.05	0.044	<0.5	15.2	0.02	134	0.004	0.99	<0.01	<0.01	<0.5	171.96	1.3	15.5	14.36	12	3	5.20	1.96
3209017	Rock Pulp	<10	3.92	0.045	17.0	12.7	2.08	84	0.011	0.71	<0.01	0.44	<0.5	4.37	3.0	42.9	10.96	<5	5	34.50	6.95
3209018	Drill Core	114	0.12	0.099	0.7	26.6	0.04	464	0.006	1.65	<0.01	<0.01	<0.5	102.17	4.0	17.0	23.53	11	4	7.54	3.27
3209019	Drill Core	127	0.44	0.074	2.0	20.5	0.17	142	0.006	1.29	<0.01	<0.01	<0.5	9.63	5.0	10.1	22.76	<5	3	9.97	2.62
3209020	Drill Core	53	0.11	0.016	1.2	8.5	0.04	136	<0.001	0.33	<0.01	<0.01	<0.5	0.99	1.1	1.6	>30	<5	<2	3.25	0.84
3209021	Drill Core	118	0.21	0.039	1.1	16.9	0.07	91	0.002	1.05	<0.01	<0.01	<0.5	5.71	3.1	3.2	27.90	<5	<2	4.99	2.18
3209022	Drill Core	121	0.22	0.066	1.4	19.6	0.08	149	0.003	0.83	<0.01	<0.01	<0.5	16.24	3.2	4.5	19.18	<5	4	5.40	1.63
3209023	Drill Core	48	0.13	0.027	1.5	11.3	0.07	439	0.004	0.26	<0.01	<0.01	<0.5	58.80	1.2	5.8	25.28	<5	5	5.46	0.55
3209024	Drill Core	56	0.14	0.015	0.6	8.8	0.03	131	0.002	0.15	<0.01	<0.01	<0.5	171.74	0.7	5.2	18.27	<5	5	3.59	0.36
3209025	Drill Core	38	0.11	0.011	<0.5	6.2	0.03	146	0.001	0.13	<0.01	<0.01	<0.5	167.07	1.1	3.8	11.02	5	4	2.49	0.26
3209026	Drill Core	48	0.10	0.016	1.0	10.2	0.02	111	0.005	0.20	<0.01	<0.01	<0.5	216.34	<0.5	5.3	17.01	6	6	9.05	0.61
3209027	Drill Core	52	0.21	0.009	0.5	9.0	0.04	203	<0.001	0.20	<0.01	<0.01	<0.5	325.37	<0.5	2.7	16.66	6	11	8.17	0.50
3209028	Drill Core	100	1.10	0.011	2.0	19.4	0.37	160	0.018	0.20	<0.01	<0.01	<0.5	91.73	1.5	4.1	16.71	<5	6	12.90	0.87
3209029	Drill Core	193	6.40	0.048	2.8	30.3	1.97	293	0.025	0.42	<0.01	<0.01	<0.5	39.15	2.7	3.2	11.38	<5	6	22.70	1.97
3209030	Drill Core	130	0.78	0.027	2.5	21.1	1.06	282	0.017	0.24	<0.01	<0.01	<0.5	3.59	2.1	0.9	7.84	<5	3	27.20	1.40



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Method Analyte Unit MDL		LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC006	TC000	TC000	LF726	LF726
		Fe2O3	CaO	MgO	K2O	MnO	TiO2	P2O5	Cr2O3	Ba	Cu	Pb	Zn	LOI	SUM_T	CO2	TOT/C	TOT/S	Pb	Zn
		%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-5.11	0.01	0.02	0.02	0.02	0.1
3209001	Drill Core	4.16	1.36	0.89	1.49	0.04	0.41	0.27	0.02	3.03	<0.01	<0.01	<0.01	7.19	99.39	1.42	3.30	2.49		
3209002	Drill Core	3.93	1.29	0.84	1.31	0.04	0.40	0.27	0.02	3.19	<0.01	<0.01	<0.01	7.12	99.40	1.33	3.55	2.43		
3209003	Drill Core	3.70	1.12	0.70	1.04	0.04	0.34	0.25	0.02	3.66	<0.01	<0.01	0.01	6.55	99.40	1.16	3.13	2.27		
3209004	Drill Core	3.62	0.36	0.26	1.11	0.03	0.38	0.26	0.02	3.82	<0.01	<0.01	<0.01	5.70	99.71	0.09	2.91	2.44		
3209005	Drill Core	3.07	0.37	0.24	1.03	0.03	0.42	0.27	0.02	5.20	<0.01	<0.01	0.05	5.94	99.39	0.05	2.83	2.23		
3209006	Drill Core	4.22	1.04	0.65	0.60	0.05	0.35	0.23	0.02	6.26	<0.01	0.07	1.27	6.50	99.48	1.17	2.72	3.26		
3209007	Drill Core	4.06	1.38	0.78	0.46	0.05	0.36	0.30	0.02	6.24	<0.01	0.50	2.18	6.70	99.05	1.36	2.83	3.78		
3209008	Drill Core	3.40	0.42	0.19	0.14	0.04	0.21	0.15	<0.01	3.09	0.01	3.94	13.65	6.84	99.44	0.54	1.77	9.30		
3209009	Drill Core	4.05	0.38	0.17	0.07	0.03	0.24	0.14	0.01	3.51	<0.01	4.36	13.33	7.21	99.38	0.35	1.99	9.93		
3209010	Drill Core	3.82	0.45	0.22	0.07	0.05	0.20	0.12	<0.01	5.07	<0.01	4.09	8.19	5.55	99.42	0.72	1.47	6.83		
3209011	Drill Core	4.11	0.24	0.04	0.07	0.07	0.26	0.14	0.01	4.56	<0.01	3.31	6.86	5.36	99.36	0.73	1.81	5.80		
3209012	Drill Core	4.71	0.29	0.04	0.07	0.06	0.24	0.24	0.01	4.86	<0.01	1.86	7.12	6.08	99.36	0.44	1.27	6.22		
3209013	Drill Core	3.07	0.22	0.05	0.08	0.05	0.17	0.16	<0.01	1.89	0.01	3.50	14.70	6.48	99.12	0.14	0.49	9.88		
3209014	Drill Core	2.66	0.06	<0.01	0.03	0.05	0.05	0.10	<0.01	3.24	0.04	14.30	>24	9.58	98.69	0.10	0.10	19.30	14.4	29.7
3209015	Rock	3.60	2.60	1.08	1.92	0.12	0.37	0.10	<0.01	0.09	<0.01	<0.01	<0.01	1.15	99.65	0.07	0.10	0.03		
3209016	Drill Core	6.24	0.07	0.01	0.01	0.04	<0.01	0.10	<0.01	21.95	0.06	19.59	14.86	7.21	85.04	0.29	0.05	19.69		
3209017	Rock Pulp	11.40	5.40	3.81	3.48	0.18	0.23	0.10	<0.01	0.07	0.03	4.89	10.76	14.13	98.97	8.04	2.50	10.92		
3209018	Drill Core	16.80	0.14	0.07	0.02	0.05	<0.01	0.24	0.01	0.54	0.08	>25	13.01	13.89	98.12	0.17	0.10	23.41	36.7	13.3
3209019	Drill Core	25.10	0.61	0.32	<0.01	0.24	<0.01	0.18	0.01	0.18	<0.01	>25	1.50	13.73	96.05	2.73	0.85	23.57	38.0	1.5
3209020	Drill Core	58.00	0.18	0.08	<0.01	0.44	<0.01	0.06	<0.01	0.09	<0.01	5.76	0.45	30.08	99.83	4.55	1.46	40.53		
3209021	Drill Core	42.70	0.31	0.10	<0.01	0.63	<0.01	0.11	<0.01	0.19	<0.01	20.43	1.62	24.72	99.98	6.15	1.98	29.32		
3209022	Drill Core	35.90	0.30	0.13	<0.01	0.99	<0.01	0.15	<0.01	0.19	<0.01	>25	3.37	21.35	98.65	10.04	3.04	20.02	26.7	3.4
3209023	Drill Core	27.20	0.19	0.15	0.01	0.24	<0.01	0.07	0.01	0.45	0.02	>25	6.30	17.20	99.03	2.43	0.83	26.14	37.4	6.4
3209024	Drill Core	22.50	0.20	0.02	0.02	0.53	<0.01	0.05	<0.01	0.15	0.02	24.05	23.21	16.69	98.93	7.66	2.37	21.06		
3209025	Drill Core	16.10	0.14	0.03	0.01	0.43	<0.01	0.04	<0.01	16.94	0.03	24.23	11.41	8.02	86.75	6.46	2.02	16.11		
3209026	Drill Core	18.50	0.15	0.02	0.01	0.39	0.01	0.05	<0.01	6.29	0.03	21.26	18.47	14.87	96.62	5.81	1.87	19.06		
3209027	Drill Core	23.70	0.20	0.02	0.02	0.54	0.02	0.05	<0.01	0.38	0.02	17.92	22.49	18.37	99.32	8.80	2.78	19.47		
3209028	Drill Core	19.90	1.47	0.57	0.02	0.52	0.05	0.04	<0.01	0.27	0.04	15.32	23.37	17.74	100.02	9.61	3.20	17.24		
3209029	Drill Core	11.80	8.99	3.34	0.02	0.38	0.10	0.11	<0.01	0.12	0.06	7.21	17.35	12.65	91.63	14.37	4.83	11.50		
3209030	Drill Core	40.10	1.09	1.86	<0.01	0.97	0.05	0.06	<0.01	0.18	0.16	1.87	1.68	22.49	99.74	18.51	5.91	8.09		



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Method Analyte Unit MDL		WGHT	FA330	FA330	FA330	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
		Wgt	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi
		kg	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	3	2	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
3209031	Drill Core	1.43	28	4	<2	2.7	449.3	13451.5	26023	17.4	81.1	42.9	6927	26.33	231	0.6	<0.5	18	111.9	35.5	<0.5
3209032	Drill Core	0.89	34	<3	5	1.2	1055.1	6346.1	2566	9.8	74.1	31.9	9263	31.34	1510	0.6	<0.5	15	8.4	14.6	<0.5
3209033	Drill Core	1.37	60	<3	<2	3.0	5487.5	3497.1	2360	14.9	260.2	140.6	5032	23.98	1784	2.1	0.5	135	15.0	30.0	<0.5
3209034	Drill Core	1.22	36	<3	4	3.3	2377.9	4533.0	2650	11.5	144.5	61.2	5504	18.10	1552	2.2	0.5	256	26.0	32.1	<0.5
3209035	Drill Core	0.99	23	<3	2	2.4	3357.2	1204.7	374	9.4	103.9	59.0	6087	19.35	728	<0.5	<0.5	208	1.3	19.9	<0.5
3209036	Drill Core	2.09	93	6	11	7.8	661.1	>40000	3370	52.1	50.5	28.6	1468	5.26	295	0.8	1.2	198	17.4	75.5	<0.5
3209037	Drill Core	1.72	416	<3	5	5.7	2549.0	2446.3	263	10.1	95.8	51.0	4779	21.25	4547	0.8	0.8	30	1.0	25.7	<0.5
3209038	Drill Core	2.35	23	<3	3	7.4	102.9	2041.1	81	3.3	36.7	17.1	576	3.08	99	0.7	1.1	66	1.3	15.2	<0.5
3209039	Drill Core	2.48	10	<3	4	5.8	43.2	861.5	45	1.3	31.6	13.4	832	3.58	51	0.5	1.1	42	<0.5	10.0	<0.5
3209040	Drill Core	1.62	11	<3	2	5.9	50.1	202.3	22	0.8	31.0	10.9	704	2.68	53	0.5	1.0	80	<0.5	11.0	<0.5
3209041	Drill Core	1.96	39	<3	8	7.1	521.0	340.7	337	3.2	48.5	14.2	289	3.10	146	1.4	2.4	30	4.0	14.8	<0.5
3209042	Drill Core	1.13	13	<3	5	5.1	108.5	23.8	163	0.6	54.4	17.3	1610	5.38	78	1.3	5.4	13	1.4	5.3	<0.5
3209043	Drill Core	1.98	8	<3	7	3.7	98.9	17.2	229	<0.5	45.6	15.4	2671	8.07	53	1.4	4.5	43	2.1	3.1	<0.5
3209044	Drill Core	1.58	13	<3	5	4.2	221.1	26.3	243	1.4	57.4	17.9	2265	7.91	84	1.3	4.8	28	2.6	6.9	<0.5
3209045	Drill Core	2.06	19	<3	5	2.9	104.2	66.0	467	1.2	67.4	18.7	733	3.87	102	1.5	1.4	103	6.2	9.0	<0.5
3209046	Drill Core	1.97	13	<3	4	4.8	49.5	53.9	426	1.0	54.5	18.4	822	3.50	72	0.8	0.8	71	0.8	10.0	<0.5
3209047	Drill Core	2.79	9	<3	4	2.5	22.4	30.6	152	0.6	39.6	12.6	733	2.80	59	0.6	0.8	93	0.9	6.7	<0.5
3209048	Drill Core	1.15	14	<3	5	2.3	37.8	29.7	119	0.6	33.8	13.8	487	2.42	56	0.7	1.3	65	<0.5	7.6	<0.5
3209049	Drill Core	1.77	12	<3	6	3.1	57.8	51.2	564	0.8	53.8	18.1	850	3.63	65	1.4	2.1	68	4.0	8.0	<0.5
3209050	Drill Core	1.52	6	<3	3	1.7	111.6	24.4	416	0.5	45.0	13.1	975	3.49	41	0.9	1.4	83	2.0	5.5	<0.5
3209051	Drill Core	1.68	7	<3	3	2.6	189.5	29.3	530	0.9	51.4	14.2	875	3.47	49	1.3	2.0	83	2.9	6.8	<0.5
3209052	Drill Core	2.68	7	<3	4	1.2	1785.1	38.9	156	5.0	32.9	11.1	1290	4.58	44	0.5	1.5	178	1.8	4.5	<0.5
3209053	Drill Core	1.38	10	3	4	2.3	122.2	31.4	36	0.6	24.2	10.5	396	1.71	39	0.6	3.5	53	0.7	3.4	<0.5
3209054	Drill Core	1.47	13	<3	4	2.6	3121.5	54.8	124	10.9	44.0	14.8	601	3.03	75	0.5	1.8	105	1.1	5.2	<0.5
3209055	Drill Core	1.55	7	<3	3	1.8	377.6	29.1	49	1.0	26.2	8.3	600	2.23	39	0.5	1.4	96	<0.5	3.3	<0.5
3209056	Drill Core	2.60	9	<3	11	15.8	70.5	124.4	43	0.8	61.1	7.6	175	2.46	32	2.2	3.9	82	<0.5	7.4	<0.5
3209057	Drill Core	2.40	12	<3	5	14.9	59.8	102.0	26	0.8	69.9	7.0	288	3.65	51	1.9	3.7	135	<0.5	8.1	<0.5
3209058	Drill Core	2.30	9	<3	7	13.6	50.1	115.8	204	0.6	58.4	7.0	265	2.87	30	2.2	3.2	97	<0.5	6.1	<0.5
3209059	Drill Core	2.19	11	14	9	17.1	64.4	100.0	60	0.7	67.4	7.0	213	2.68	39	2.5	3.9	83	<0.5	7.4	<0.5
3209060	Drill Core	3.09	10	<3	7	17.0	58.0	84.2	196	0.8	68.4	7.2	278	2.94	31	2.0	3.2	84	<0.5	7.4	<0.5



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	Method Analyte Unit MDL	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF725	LF725
		V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	SiO2	Al2O3
		ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%
		10	0.01	0.001	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
3209031	Drill Core	86	0.70	0.011	2.5	13.5	0.96	237	0.007	0.12	<0.01	<0.01	<0.5	5.59	1.2	0.7	10.41	<5	<2	29.40	1.00
3209032	Drill Core	67	0.28	0.014	1.0	9.4	1.11	216	0.005	0.14	<0.01	<0.01	<0.5	0.24	1.7	<0.5	7.09	<5	2	24.20	0.70
3209033	Drill Core	108	0.36	0.057	2.0	29.6	0.59	256	0.010	0.46	<0.01	<0.01	<0.5	0.41	4.1	0.7	12.23	<5	7	40.30	1.41
3209034	Drill Core	142	4.41	0.046	2.5	29.2	1.47	212	0.014	0.55	<0.01	<0.01	<0.5	0.32	5.0	1.2	6.16	<5	<2	41.20	1.78
3209035	Drill Core	98	4.93	0.017	2.5	14.0	2.14	520	0.011	0.13	<0.01	<0.01	<0.5	0.32	1.8	<0.5	3.87	<5	2	35.50	1.04
3209036	Drill Core	158	3.05	0.039	6.5	34.1	0.80	977	0.022	0.25	<0.01	<0.01	<0.5	1.13	2.2	1.0	2.88	<5	3	67.80	2.47
3209037	Drill Core	134	0.57	0.047	5.2	23.6	0.57	171	0.021	0.24	<0.01	<0.01	<0.5	0.13	3.1	0.5	12.08	<5	6	46.70	1.87
3209038	Drill Core	44	0.99	0.025	7.5	12.7	0.26	1980	0.002	0.25	<0.01	0.05	<0.5	0.11	1.1	<0.5	1.30	<5	<2	84.80	2.55
3209039	Drill Core	42	0.81	0.022	7.3	10.3	0.33	867	0.002	0.16	<0.01	0.06	<0.5	0.11	0.9	<0.5	0.71	<5	<2	84.10	2.53
3209040	Drill Core	35	1.80	0.013	7.3	10.4	0.49	628	0.002	0.13	<0.01	0.07	<0.5	0.16	0.6	0.5	0.71	<5	<2	83.00	2.43
3209041	Drill Core	41	0.26	0.052	11.2	11.0	0.06	755	0.002	0.31	<0.01	0.12	0.7	0.45	1.4	0.6	2.06	<5	3	82.40	5.22
3209042	Drill Core	37	0.17	0.048	27.8	11.7	0.30	1089	0.004	0.49	<0.01	0.27	<0.5	0.07	3.6	<0.5	0.89	<5	<2	70.00	9.61
3209043	Drill Core	35	0.58	0.047	28.8	10.9	0.44	806	0.003	0.42	<0.01	0.21	<0.5	<0.05	4.1	<0.5	0.89	<5	<2	65.80	8.00
3209044	Drill Core	44	0.45	0.090	33.4	12.2	0.42	860	0.005	0.45	<0.01	0.22	<0.5	<0.05	4.4	<0.5	1.43	<5	<2	66.70	7.90
3209045	Drill Core	38	1.90	0.103	8.6	12.7	0.47	359	0.002	0.29	<0.01	0.08	<0.5	0.08	3.8	<0.5	1.78	<5	<2	78.90	3.49
3209046	Drill Core	23	1.95	0.053	7.2	7.9	0.53	227	0.001	0.11	<0.01	0.06	<0.5	0.07	1.2	<0.5	0.73	<5	<2	82.00	1.87
3209047	Drill Core	27	2.36	0.036	6.8	9.5	0.66	256	0.001	0.12	<0.01	0.06	<0.5	0.06	1.6	<0.5	0.54	<5	<2	82.20	1.97
3209048	Drill Core	22	1.66	0.049	10.1	9.0	0.47	332	0.002	0.14	<0.01	0.07	<0.5	0.08	1.0	<0.5	0.79	<5	<2	84.60	2.59
3209049	Drill Core	30	1.28	0.059	10.7	10.1	0.36	634	0.003	0.23	<0.01	0.10	<0.5	0.07	1.7	<0.5	0.87	<5	<2	80.00	4.01
3209050	Drill Core	25	2.40	0.052	13.2	10.9	0.64	495	0.002	0.22	<0.01	0.08	<0.5	0.07	2.2	<0.5	0.46	<5	<2	78.80	3.05
3209051	Drill Core	28	2.02	0.054	16.6	12.8	0.55	487	0.002	0.29	<0.01	0.09	<0.5	0.08	2.8	<0.5	0.58	<5	<2	78.80	3.91
3209052	Drill Core	25	5.17	0.065	11.6	8.9	1.56	421	0.002	0.16	<0.01	0.08	<0.5	0.07	2.6	<0.5	0.68	<5	<2	65.90	2.94
3209053	Drill Core	22	1.57	0.053	26.0	8.9	0.43	716	0.003	0.23	<0.01	0.12	<0.5	0.06	2.5	<0.5	0.39	<5	<2	80.60	6.09
3209054	Drill Core	28	2.35	0.046	12.7	9.5	0.66	2155	0.002	0.23	<0.01	0.07	<0.5	0.09	3.3	<0.5	1.19	<5	<2	78.50	3.39
3209055	Drill Core	18	2.30	0.029	11.6	7.5	0.65	406	0.002	0.13	<0.01	0.06	<0.5	<0.05	1.0	<0.5	0.29	<5	<2	82.70	2.68
3209056	Drill Core	87	1.10	0.100	8.1	21.2	0.47	1496	0.005	1.07	<0.01	0.19	<0.5	0.18	3.2	0.9	1.93	<5	2	71.40	8.56
3209057	Drill Core	108	1.97	0.100	5.8	24.8	0.85	701	0.004	1.06	<0.01	0.16	<0.5	0.22	3.4	1.2	3.02	<5	2	66.00	7.97
3209058	Drill Core	92	1.49	0.118	7.3	20.2	0.59	1451	0.004	1.24	<0.01	0.16	<0.5	0.17	3.4	0.9	1.81	<5	<2	70.10	7.62
3209059	Drill Core	91	1.26	0.109	9.3	21.2	0.51	1452	0.004	1.20	<0.01	0.15	<0.5	0.16	3.7	1.0	1.88	<5	3	69.70	8.29
3209060	Drill Core	84	1.12	0.110	6.4	19.1	0.46	1692	0.004	1.26	<0.01	0.14	<0.5	0.19	3.7	1.0	1.73	<5	2	72.40	7.12



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Analyte	Fe2O3	CaO	MgO	K2O	MnO	TiO2	P2O5	Cr2O3	Ba	Cu	Pb	Zn	LOI	SUM_T	CO2	TOT/C	TOT/S	Pb	Zn
Unit	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
MDL	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-5.11	0.01	0.02	0.02	0.02	0.1
3209031	Drill Core	39.10	0.98	1.65	0.01	0.87	0.05	0.04	<0.01	0.17	0.03	1.25	2.66	21.48	99.47	16.00	5.19	10.85	
3209032	Drill Core	46.20	0.41	1.95	<0.01	1.16	0.01	0.03	<0.01	0.02	0.09	0.60	0.25	24.26	100.03	21.65	6.68	7.36	
3209033	Drill Core	34.90	0.58	1.03	<0.01	0.63	0.05	0.14	<0.01	0.04	0.52	0.34	0.24	18.86	99.33	10.62	3.81	12.47	
3209034	Drill Core	25.50	6.11	2.44	<0.01	0.70	0.05	0.11	<0.01	0.03	0.21	0.44	0.28	12.29	91.34	16.40	5.12	6.13	
3209035	Drill Core	27.80	6.88	3.59	<0.01	0.78	0.04	0.05	<0.01	0.34	0.31	0.12	0.04	15.53	92.18	20.56	6.46	4.04	
3209036	Drill Core	7.43	4.16	1.36	0.02	0.19	0.13	0.08	<0.01	0.34	0.06	4.56	0.34	7.29	96.73	6.31	2.87	2.95	
3209037	Drill Core	30.40	0.81	1.03	0.03	0.62	0.09	0.11	<0.01	0.10	0.22	0.23	0.03	16.51	98.91	8.00	3.35	12.18	
3209038	Drill Core	4.47	1.37	0.51	0.39	0.09	0.15	0.06	<0.01	0.38	<0.01	0.21	<0.01	4.02	99.12	2.24	1.89	1.30	
3209039	Drill Core	5.15	1.16	0.64	0.57	0.12	0.15	0.06	<0.01	0.34	<0.01	0.09	<0.01	4.29	99.29	2.92	2.02	0.71	
3209040	Drill Core	3.88	2.52	0.93	0.59	0.10	0.12	0.03	<0.01	0.29	<0.01	0.02	<0.01	4.72	98.73	3.67	2.19	0.73	
3209041	Drill Core	4.60	0.41	0.26	1.19	0.06	0.27	0.12	<0.01	0.49	0.05	0.04	0.03	4.07	99.35	0.66	1.62	2.08	
3209042	Drill Core	8.17	0.26	0.79	2.47	0.21	0.54	0.12	<0.01	0.90	0.01	<0.01	0.01	6.21	99.48	3.70	2.03	0.88	
3209043	Drill Core	11.70	0.81	1.00	2.06	0.34	0.45	0.13	<0.01	0.73	<0.01	0.01	0.02	8.03	99.22	6.31	2.60	0.89	
3209044	Drill Core	11.40	0.66	0.96	2.02	0.30	0.45	0.21	<0.01	0.71	0.02	0.01	0.02	7.75	99.26	5.34	2.45	1.40	
3209045	Drill Core	5.66	2.70	0.97	0.80	0.11	0.16	0.25	<0.01	0.32	<0.01	0.02	0.05	4.95	98.45	3.97	1.71	1.83	
3209046	Drill Core	5.01	2.74	0.98	0.47	0.12	0.09	0.12	<0.01	0.18	<0.01	0.01	0.04	4.62	98.30	4.87	1.86	0.73	
3209047	Drill Core	4.05	3.34	1.22	0.49	0.11	0.09	0.09	<0.01	0.20	<0.01	0.01	0.01	5.05	98.87	5.02	1.86	0.53	
3209048	Drill Core	3.50	2.35	0.88	0.64	0.08	0.14	0.11	<0.01	0.27	<0.01	0.01	0.01	3.87	99.12	3.26	1.45	0.79	
3209049	Drill Core	5.36	1.83	0.77	0.98	0.13	0.23	0.15	<0.01	0.45	<0.01	0.02	0.06	4.95	99.02	3.61	2.10	0.89	
3209050	Drill Core	5.13	3.36	1.23	0.73	0.14	0.16	0.13	<0.01	0.33	0.01	0.01	0.04	5.75	98.94	5.42	2.06	0.46	
3209051	Drill Core	5.06	2.85	1.10	0.92	0.13	0.21	0.13	<0.01	0.42	0.02	0.01	0.05	5.47	99.17	4.78	2.01	0.58	
3209052	Drill Core	6.91	7.60	2.74	0.72	0.18	0.17	0.15	<0.01	0.33	0.18	0.01	0.02	10.27	98.22	11.09	3.59	0.70	
3209053	Drill Core	2.67	2.25	0.94	1.46	0.07	0.34	0.13	<0.01	0.76	0.01	0.01	<0.01	3.89	99.36	2.99	1.35	0.40	
3209054	Drill Core	4.52	3.30	1.27	0.71	0.09	0.20	0.11	0.02	0.54	0.30	0.02	0.01	4.62	97.76	4.63	1.97	1.22	
3209055	Drill Core	3.27	3.27	1.24	0.61	0.09	0.17	0.07	<0.01	0.34	0.05	0.02	<0.01	5.16	99.76	4.69	1.75	0.29	
3209056	Drill Core	3.65	1.58	1.09	1.68	0.04	0.45	0.25	0.01	2.56	<0.01	0.02	<0.01	7.29	98.95	1.73	3.47	2.43	
3209057	Drill Core	5.33	2.82	1.77	1.54	0.06	0.41	0.25	0.01	2.58	<0.01	0.02	<0.01	9.14	98.23	3.59	3.88	3.54	
3209058	Drill Core	4.19	2.12	1.30	1.38	0.05	0.40	0.29	0.01	2.98	<0.01	0.02	0.02	7.83	98.72	2.74	3.72	2.41	
3209059	Drill Core	3.92	1.81	1.22	1.54	0.05	0.45	0.27	0.02	3.06	<0.01	0.02	<0.01	7.95	98.69	2.15	3.87	2.46	
3209060	Drill Core	4.27	1.58	1.03	1.20	0.06	0.37	0.25	0.01	3.06	<0.01	0.02	0.02	7.18	98.95	2.11	3.31	2.36	



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	Method Analyte Unit MDL	WGHT	FA330	FA330	FA330	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
		Wgt	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi
		kg	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	3	2	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
3209061	Drill Core	2.52	11	<3	7	18.8	63.3	72.4	43	0.9	73.1	5.9	202	2.33	39	2.2	3.3	95	<0.5	7.9	<0.5
3209062	Drill Core	2.22	9	3	7	19.2	52.8	107.4	201	0.8	67.9	5.4	125	2.24	37	2.2	3.3	50	0.8	7.9	<0.5
3209063	Drill Core	2.34	10	5	7	19.3	51.1	83.6	124	0.8	71.7	5.6	49	2.04	38	2.5	3.4	20	<0.5	8.8	<0.5
3209064	Drill Core	1.94	11	6	11	17.0	58.3	78.9	1737	0.8	65.0	5.2	59	1.97	36	2.4	3.5	22	7.9	8.9	<0.5
3209065	Drill Core	2.16	10	8	6	12.4	56.7	93.1	38	0.9	62.6	5.7	53	2.46	40	2.2	4.7	40	<0.5	8.4	<0.5
3209066	Drill Core	2.14	10	8	5	12.2	57.2	108.9	14	0.8	61.9	5.1	59	2.13	36	2.4	4.5	46	<0.5	8.1	<0.5
3209067	Drill Core	2.45	9	<3	7	11.5	61.0	129.3	67	0.8	60.9	6.4	137	2.32	37	2.8	4.5	56	<0.5	7.6	<0.5
3209068	Drill Core	2.38	12	<3	13	12.9	58.3	325.0	526	0.9	71.7	9.1	416	3.08	42	2.5	3.5	113	0.8	9.5	<0.5
3209069	Drill Core	2.92	13	4	8	12.4	66.8	1873.5	20018	1.1	64.8	9.6	410	6.05	107	3.1	3.4	87	68.1	19.7	<0.5
3209070	Drill Core	2.41	17	4	12	13.3	124.5	17643.0	139606	4.3	44.0	12.0	295	3.56	71	2.1	2.4	138	509.1	34.6	<0.5
3209071	Rock	0.83	<2	<3	<2	1.0	8.3	7.5	69	<0.5	1.9	5.1	713	2.20	<5	<0.5	2.0	35	<0.5	<0.5	<0.5
3209072	Drill Core	2.41	14	<3	6	16.3	80.1	30396.6	97722	4.3	63.8	9.4	87	6.32	125	2.4	2.8	86	421.0	21.6	<0.5
3209073	Rock Pulp	0.02	I.S.	I.S.	I.S.	2.7	234.9	17525.2	30227	33.6	27.4	20.7	1887	5.40	82	1.8	7.5	23	94.6	51.9	<0.5
3209074	Drill Core	1.26	12	<3	7	17.6	66.0	9614.2	42620	1.5	71.4	8.9	56	7.15	143	2.6	3.3	50	209.0	11.8	<0.5
3209075	Drill Core	1.28	10	<3	5	14.8	67.4	>40000	70536	5.6	56.9	20.9	89	3.82	109	3.3	5.1	58	402.0	19.9	<0.5
3209076	Drill Core	1.83	10	4	7	13.3	78.0	>40000	140681	8.6	32.7	23.5	113	2.36	74	2.0	2.9	30	804.5	24.2	<0.5
3209077	Drill Core	1.39	10	4	8	12.3	57.4	38797.7	103844	7.9	33.9	23.8	91	1.60	57	2.2	2.9	40	559.8	19.7	<0.5
3209078	Drill Core	1.76	10	3	6	10.4	47.4	31325.1	89588	8.4	34.4	22.2	94	2.16	67	2.5	3.0	57	458.1	19.4	<0.5
3209079	Drill Core	1.09	11	8	7	10.5	42.2	13120.4	34381	4.9	63.9	32.3	73	1.81	74	3.5	4.2	123	173.9	11.5	<0.5
3209080	Drill Core	1.49	3	<3	<2	3.0	31.3	31201.7	99790	9.3	9.6	5.9	85	0.77	19	1.2	<0.5	48	515.5	15.8	<0.5
3209081	Drill Core	2.38	3	<3	5	4.4	18.6	13904.8	57484	7.0	14.5	8.5	38	0.68	22	1.8	1.1	40	287.8	8.1	<0.5
3209082	Drill Core	2.19	3	<3	<2	3.9	17.1	17551.8	55302	8.4	13.2	10.2	41	0.68	28	1.6	0.7	46	274.7	8.9	<0.5
3209083	Drill Core	3.10	3	3	3	2.6	22.0	34705.2	102370	21.0	9.4	6.7	36	0.46	14	1.3	<0.5	37	532.9	18.5	<0.5
3209084	Drill Core	2.31	3	<3	<2	0.9	5.9	>40000	40925	16.8	2.2	2.5	32	0.28	<5	0.7	<0.5	51	210.4	25.0	<0.5
3209085	Drill Core	1.83	3	<3	3	3.7	20.3	>40000	69742	12.5	12.3	11.4	36	0.67	26	3.0	0.9	50	347.0	22.5	<0.5
3209086	Drill Core	1.56	3	<3	<2	3.8	16.3	>40000	48839	13.6	14.4	13.3	26	0.83	42	1.5	0.7	39	227.0	30.2	<0.5
3209087	Drill Core	3.15	3	<3	<2	4.9	17.1	>40000	37978	12.2	21.7	17.0	40	0.77	33	2.2	1.4	59	173.1	27.6	<0.5
3209088	Drill Core	2.25	<2	<3	3	2.1	10.5	>40000	55771	9.3	5.6	4.1	36	0.41	9	0.6	<0.5	41	275.9	19.8	<0.5
3209089	Drill Core	1.48	4	5	4	3.9	21.2	>40000	70253	17.9	14.3	11.7	43	0.66	24	1.2	0.9	42	348.7	29.5	<0.5
3209090	Drill Core	2.29	4	4	3	3.4	20.3	>40000	90907	15.9	15.6	11.0	44	0.68	20	1.1	0.8	51	443.6	21.8	<0.5



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	Method Analyte Unit MDL	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF725	LF725
		V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	SiO2	Al2O3
		ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%
		10	0.01	0.001	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
3209061	Drill Core	94	1.25	0.110	8.0	20.6	0.52	1880	0.004	1.42	<0.01	0.14	<0.5	0.19	4.1	0.9	1.46	<5	2	72.20	7.36
3209062	Drill Core	81	0.59	0.108	8.2	17.1	0.20	1547	0.003	1.51	<0.01	0.13	<0.5	0.25	3.3	0.9	1.35	<5	3	75.20	7.24
3209063	Drill Core	89	0.25	0.106	8.0	16.6	0.02	2529	0.004	1.72	<0.01	0.13	<0.5	0.27	2.2	1.1	1.20	<5	4	76.30	7.62
3209064	Drill Core	95	0.24	0.109	8.5	17.5	0.02	3601	0.004	2.06	<0.01	0.13	<0.5	0.73	3.6	1.1	0.93	<5	5	74.90	7.89
3209065	Drill Core	84	0.30	0.146	10.0	18.5	0.01	2418	0.004	2.48	<0.01	0.12	<0.5	0.23	3.7	1.0	1.20	<5	4	73.00	8.42
3209066	Drill Core	94	0.37	0.159	11.2	20.4	0.01	>5000	0.004	2.59	<0.01	0.13	<0.5	0.30	4.2	1.0	0.78	<5	3	73.30	8.47
3209067	Drill Core	79	0.43	0.140	9.4	18.4	0.08	2078	0.003	1.15	<0.01	0.10	<0.5	0.27	2.7	1.0	1.55	<5	2	76.40	8.43
3209068	Drill Core	98	0.83	0.128	8.9	20.6	0.30	1771	0.003	0.96	<0.01	0.09	<0.5	0.34	3.8	2.1	1.73	<5	3	74.20	7.45
3209069	Drill Core	117	0.56	0.140	7.2	24.6	0.15	280	0.003	0.52	<0.01	0.06	<0.5	7.07	3.1	5.2	6.52	<5	9	68.10	6.52
3209070	Drill Core	96	0.80	0.059	4.5	21.3	0.40	396	0.003	0.32	<0.01	0.03	<0.5	66.75	2.1	3.7	10.13	5	24	60.30	3.53
3209071	Rock	35	0.82	0.044	6.5	5.4	0.60	71	0.114	1.22	0.12	0.13	<0.5	0.07	4.1	<0.5	0.05	<5	<2	69.50	14.20
3209072	Drill Core	322	0.31	0.069	8.7	53.3	0.10	285	0.057	0.43	<0.01	0.01	0.6	36.81	3.6	4.1	12.04	5	11	59.10	4.04
3209073	Rock Pulp	<10	5.22	0.052	25.8	14.2	2.78	136	0.019	0.93	0.01	0.69	0.7	1.24	3.1	28.9	4.99	<5	<2	43.90	8.69
3209074	Drill Core	363	0.17	0.075	9.4	64.2	<0.01	244	0.073	0.49	<0.01	<0.01	<0.5	14.23	2.4	4.2	10.08	<5	3	66.10	5.01
3209075	Drill Core	442	0.21	0.093	13.9	78.5	<0.01	309	0.106	0.75	<0.01	<0.01	<0.5	20.19	2.4	5.0	7.86	5	7	63.00	6.07
3209076	Drill Core	305	0.09	0.041	9.5	69.7	<0.01	300	0.093	0.30	<0.01	<0.01	<0.5	36.61	1.5	4.4	9.75	5	9	62.20	3.02
3209077	Drill Core	310	0.10	0.048	9.3	73.0	<0.01	486	0.095	0.26	<0.01	<0.01	<0.5	27.98	1.3	3.6	7.11	<5	5	71.00	2.91
3209078	Drill Core	286	0.10	0.054	12.1	70.2	<0.01	443	0.085	0.27	<0.01	<0.01	0.6	27.46	1.3	3.0	6.87	<5	4	69.40	2.75
3209079	Drill Core	463	0.23	0.100	19.8	107.0	<0.01	1181	0.139	0.38	<0.01	<0.01	0.5	12.90	1.9	1.9	3.60	<5	3	80.50	4.57
3209080	Drill Core	54	0.01	0.012	2.1	14.6	<0.01	268	0.016	0.07	<0.01	<0.01	<0.5	25.97	<0.5	2.1	5.69	<5	3	40.60	0.65
3209081	Drill Core	118	0.03	0.019	4.5	27.0	<0.01	443	0.035	0.09	<0.01	<0.01	<0.5	12.09	0.6	1.8	3.40	<5	<2	36.90	1.11
3209082	Drill Core	92	0.03	0.019	3.0	22.9	<0.01	508	0.028	0.12	<0.01	<0.01	<0.5	14.00	0.7	2.7	3.34	<5	<2	28.60	1.05
3209083	Drill Core	64	0.02	0.018	1.4	16.2	<0.01	304	0.019	0.09	<0.01	<0.01	<0.5	46.29	0.6	3.0	5.65	<5	<2	18.50	0.72
3209084	Drill Core	10	<0.01	0.013	<0.5	5.0	<0.01	654	0.002	0.04	<0.01	<0.01	<0.5	23.46	<0.5	8.0	3.13	<5	<2	16.40	0.24
3209085	Drill Core	95	0.05	0.044	2.8	26.2	<0.01	366	0.027	0.12	<0.01	<0.01	0.5	17.35	2.1	8.8	4.46	<5	<2	26.50	0.88
3209086	Drill Core	86	0.03	0.022	2.7	19.4	<0.01	457	0.024	0.10	<0.01	<0.01	0.6	12.19	0.8	14.5	4.03	<5	<2	18.50	0.94
3209087	Drill Core	139	0.10	0.058	6.9	33.7	<0.01	554	0.036	0.18	<0.01	<0.01	0.9	9.22	1.3	13.1	3.26	<5	<2	31.70	1.71
3209088	Drill Core	25	<0.01	0.005	0.9	7.3	<0.01	464	0.006	0.05	<0.01	<0.01	0.5	14.07	<0.5	10.3	3.51	<5	<2	22.30	0.39
3209089	Drill Core	94	0.05	0.023	3.3	22.0	<0.01	369	0.023	0.12	<0.01	<0.01	<0.5	19.71	0.8	9.2	4.48	<5	<2	25.80	1.02
3209090	Drill Core	89	0.01	0.014	2.8	21.1	<0.01	292	0.021	0.11	<0.01	<0.01	<0.5	26.14	0.6	7.6	5.25	<5	<2	24.80	0.92



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Method	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC006	TC000	TC000	LF726	LF726
Analyte	Fe2O3	CaO	MgO	K2O	MnO	TiO2	P2O5	Cr2O3	Ba	Cu	Pb	Zn	LOI	SUM_T	CO2	TOT/C	TOT/S	Pb	Zn
Unit	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
MDL	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-5.11	0.01	0.02	0.02	0.02	0.1	0.1
3209061	Drill Core	3.40	1.82	1.17	1.22	0.05	0.39	0.27	0.01	3.48	<0.01	0.02	<0.01	7.27	99.09	2.06	3.78	2.24	
3209062	Drill Core	3.23	0.87	0.58	1.13	0.04	0.38	0.26	0.01	3.72	<0.01	0.02	0.02	6.21	99.39	0.75	3.34	2.09	
3209063	Drill Core	3.00	0.36	0.26	1.13	0.03	0.41	0.27	0.02	4.20	<0.01	0.02	0.01	5.77	99.94	<0.02	3.24	2.05	
3209064	Drill Core	2.83	0.36	0.24	1.05	0.03	0.41	0.26	0.02	5.02	<0.01	0.02	0.17	5.42	99.29	0.16	2.85	1.96	
3209065	Drill Core	3.51	0.46	0.22	0.95	0.03	0.41	0.34	0.02	6.03	<0.01	0.02	<0.01	5.49	99.63	0.05	2.50	2.48	
3209066	Drill Core	2.99	0.52	0.21	0.94	0.03	0.45	0.38	0.02	6.14	<0.01	0.02	<0.01	5.35	99.56	0.03	2.68	2.05	
3209067	Drill Core	3.28	0.67	0.35	0.80	0.03	0.42	0.35	0.02	2.44	<0.01	0.02	<0.01	6.28	99.83	0.46	2.74	2.04	
3209068	Drill Core	4.38	1.18	0.68	0.64	0.07	0.39	0.30	0.02	2.06	<0.01	0.04	0.05	7.55	99.28	1.69	3.39	2.20	
3209069	Drill Core	8.59	0.79	0.35	0.41	0.07	0.34	0.33	0.01	0.99	<0.01	0.19	1.96	9.65	98.91	1.17	3.05	6.74	
3209070	Drill Core	5.03	1.14	0.71	0.18	0.05	0.23	0.13	<0.01	0.11	0.02	1.70	13.25	9.49	99.28	1.48	2.68	10.45	
3209071	Rock	3.87	2.62	1.23	1.91	0.12	0.39	0.10	<0.01	0.09	<0.01	<0.01	<0.01	1.10	99.53	0.36	0.11	0.04	
3209072	Drill Core	8.92	0.46	0.19	0.05	0.03	0.25	0.16	0.01	0.31	<0.01	3.00	9.56	10.70	99.38	0.36	2.51	12.05	
3209073	Rock Pulp	8.21	7.46	5.33	4.15	0.25	0.29	0.12	<0.01	0.08	0.02	1.84	3.10	12.64	97.17	8.42	3.34	4.91	
3209074	Drill Core	10.10	0.26	0.04	0.03	0.03	0.27	0.18	0.01	0.49	<0.01	0.93	4.14	10.58	99.30	0.02	2.75	10.14	
3209075	Drill Core	5.46	0.29	0.02	0.03	0.03	0.32	0.22	0.01	1.76	<0.01	4.09	6.86	8.74	99.09	0.03	2.20	8.41	
3209076	Drill Core	3.36	0.13	0.01	0.01	0.03	0.22	0.10	0.01	0.40	0.01	5.54	13.25	7.63	99.66	0.03	1.74	9.81	
3209077	Drill Core	2.34	0.15	0.02	0.01	0.03	0.24	0.12	<0.01	0.33	<0.01	3.73	9.96	6.30	99.93	<0.02	1.58	6.98	
3209078	Drill Core	3.09	0.14	0.01	<0.01	0.03	0.22	0.13	<0.01	2.45	<0.01	2.86	8.67	6.48	98.89	0.04	1.17	7.53	
3209079	Drill Core	2.61	0.30	0.01	<0.01	0.03	0.31	0.26	0.01	0.34	<0.01	1.27	3.26	5.12	99.55	0.03	1.52	3.72	
3209080	Drill Core	1.13	0.03	<0.01	<0.01	0.03	0.05	0.03	<0.01	22.67	0.01	3.05	9.72	3.48	86.71	0.04	0.16	11.26	
3209081	Drill Core	1.08	0.05	0.01	<0.01	0.03	0.10	0.03	<0.01	28.85	<0.01	1.38	5.55	2.88	82.82	0.03	0.05	10.71	
3209082	Drill Core	1.04	0.05	0.03	0.01	0.03	0.08	0.05	<0.01	33.87	<0.01	1.74	5.35	2.99	80.36	0.03	0.05	11.51	
3209083	Drill Core	0.68	0.04	0.02	<0.01	0.02	0.06	0.05	<0.01	35.22	<0.01	3.42	9.96	3.59	79.07	0.03	0.05	14.32	
3209084	Drill Core	0.42	0.02	0.01	<0.01	0.03	0.02	0.04	<0.01	39.61	<0.01	7.12	3.98	1.59	75.61	0.03	0.05	13.06	
3209085	Drill Core	1.02	0.07	0.01	<0.01	0.03	0.08	0.11	<0.01	32.26	<0.01	4.73	6.87	3.40	81.76	0.04	0.03	12.45	
3209086	Drill Core	1.28	0.04	<0.01	<0.01	0.03	0.07	0.06	<0.01	37.37	0.01	6.48	4.84	2.92	78.58	0.05	0.04	12.84	
3209087	Drill Core	1.16	0.13	<0.01	0.01	0.03	0.11	0.14	<0.01	30.20	<0.01	6.01	3.65	3.49	83.21	0.03	0.04	10.31	
3209088	Drill Core	0.64	<0.01	0.02	<0.01	0.02	0.04	0.02	<0.01	36.74	0.01	4.48	5.47	2.06	78.15	0.02	0.05	12.41	
3209089	Drill Core	1.00	0.07	0.02	0.01	0.02	0.09	0.06	<0.01	32.53	<0.01	4.31	6.81	3.32	80.84	0.09	0.05	12.45	
3209090	Drill Core	1.05	0.04	0.02	0.01	0.03	0.08	0.04	<0.01	31.72	<0.01	4.15	8.84	3.66	81.53	0.03	0.04	13.21	



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	Method Analyte Unit MDL	WGHT	FA330	FA330	FA330	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
		Wgt	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi
		kg	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	3	2	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
3209091	Drill Core	1.89	4	<3	3	7.8	48.5	>40000	148471	55.0	33.2	24.3	130	2.58	68	1.9	1.8	30	717.9	55.3	<0.5
3209092	Drill Core	1.40	5	<3	5	6.7	135.9	31190.2	>200000	97.5	31.1	29.6	178	1.84	66	1.0	1.1	14	1610.8	35.3	<0.5
3209093	Drill Core	1.67	<2	4	<2	1.0	10.5	31.7	193	<0.5	2.6	5.7	653	2.29	<5	<0.5	1.9	37	0.8	<0.5	<0.5
3209094	Drill Core	2.66	4	<3	4	5.7	50.5	>40000	60092	86.9	25.8	10.5	77	1.80	88	4.0	1.6	141	289.9	92.5	<0.5
3209095	Drill Core	2.70	3	<3	5	3.5	27.8	>40000	63630	66.2	10.0	4.5	40	1.47	109	4.7	0.7	124	328.3	76.6	<0.5
3209096	Drill Core	1.67	3	3	5	5.0	118.6	30319.8	147731	45.1	16.9	10.7	85	1.20	59	1.7	0.8	50	712.2	25.4	<0.5
3209097	Rock Pulp	0.03	I.S.	I.S.	I.S.	3.0	366.4	>40000	108063	101.3	25.8	25.3	1363	7.90	145	1.4	5.7	19	331.9	183.8	0.5
3209098	Drill Core	1.64	5	<3	5	9.6	224.0	>40000	>200000	68.0	35.2	27.5	186	2.00	107	2.5	2.1	49	1462.4	58.3	<0.5
3209099	Drill Core	3.27	4	5	6	7.6	67.6	>40000	118416	84.1	27.7	17.3	63	1.79	72	3.7	2.0	62	561.3	55.7	<0.5
3209100	Drill Core	2.35	4	4	<2	6.1	90.1	>40000	191829	91.1	22.4	22.9	71	1.43	76	2.6	1.2	79	790.6	46.3	<0.5
3209101	Drill Core	1.72	3	<3	3	2.2	198.4	>40000	152677	132.7	7.3	16.5	30	0.54	88	0.5	<0.5	39	631.9	80.6	<0.5
3209102	Drill Core	2.13	7	8	10	7.3	237.2	>40000	>200000	204.2	38.6	54.3	69	2.75	257	2.7	1.2	133	808.1	217.0	<0.5
3209103	Drill Core	1.69	4	<3	5	1.7	152.6	>40000	131717	82.4	108.1	35.6	2420	10.05	154	1.3	<0.5	132	583.0	125.3	<0.5
3209104	Drill Core	1.17	17	3	3	1.5	129.8	>40000	65726	245.4	56.2	28.8	3622	12.55	219	0.9	<0.5	329	337.9	351.4	<0.5
3209105	Drill Core	1.75	62	<3	10	4.1	254.9	>40000	141615	280.4	35.6	43.1	2714	7.72	187	1.2	0.9	409	685.0	396.3	<0.5
3209106	Drill Core	1.38	58	<3	4	3.8	300.1	>40000	137586	274.3	31.4	34.8	2644	8.31	273	1.1	0.9	395	676.8	393.5	<0.5
3209107	Drill Core	1.68	47	<3	7	5.0	229.6	>40000	76054	229.4	37.5	33.5	1932	14.69	564	1.1	0.9	208	385.2	414.9	<0.5
3209108	Drill Core	2.41	76	<3	5	2.3	192.3	15150.3	4077	18.2	48.0	39.1	5020	27.52	704	0.6	0.5	610	18.5	55.4	<0.5
3209109	Drill Core	2.17	36	6	6	2.1	111.1	>40000	4842	80.3	36.7	32.1	4691	20.04	314	0.6	<0.5	1048	28.0	138.0	<0.5
3209110	Drill Core	2.02	29	<3	8	3.5	272.3	>40000	40498	71.9	40.4	36.4	4243	14.58	359	0.7	0.6	883	203.7	135.3	<0.5
3209111	Drill Core	1.75	37	4	5	3.0	167.4	>40000	34966	175.7	36.2	37.0	2839	12.20	276	<0.5	<0.5	613	175.2	291.1	<0.5
3209112	Drill Core	2.27	74	<3	<2	1.5	457.8	17585.8	33216	20.3	45.3	27.6	4410	27.11	334	0.6	<0.5	605	133.9	53.4	<0.5
3209113	Drill Core	2.78	105	7	8	3.6	135.1	>40000	176063	221.3	26.6	23.0	1452	10.94	196	0.7	0.5	177	917.3	340.4	<0.5
3209114	Drill Core	2.08	44	<3	6	2.1	238.3	>40000	63889	116.1	33.1	23.7	4769	16.66	149	<0.5	<0.5	232	331.2	183.7	<0.5
3209115	Drill Core	2.42	42	<3	<2	1.6	399.0	>40000	70679	203.0	29.6	12.0	3840	12.81	156	<0.5	<0.5	566	313.4	377.7	<0.5
3209116	Drill Core	1.85	61	<3	3	2.2	288.1	>40000	128791	201.3	12.8	15.7	3270	9.11	83	0.5	<0.5	733	558.7	294.7	<0.5
3209117	Drill Core	2.20	54	<3	<2	1.8	227.3	>40000	102648	108.2	25.2	19.2	5979	21.20	140	0.6	<0.5	206	526.5	184.0	<0.5
3209118	Drill Core	2.06	41	<3	3	1.1	241.4	>40000	77073	107.6	26.4	21.7	6939	23.03	109	<0.5	<0.5	181	347.3	178.0	<0.5
3209119	Drill Core	2.24	45	<3	12	2.0	450.5	>40000	131384	148.7	24.8	16.6	4743	16.39	175	0.8	<0.5	484	651.6	244.4	<0.5
3209120	Drill Core	2.11	38	<3	3	2.0	585.0	>40000	136428	110.7	28.2	13.8	4876	17.69	167	0.7	<0.5	432	629.1	179.8	<0.5



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	Method Analyte Unit MDL	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF725	LF725	
		V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	SiO2	Al2O3
		ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%
		10	0.01	0.001	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
3209091	Drill Core	189	0.05	0.032	6.1	41.5	<0.01	182	0.049	0.21	<0.01	<0.01	0.9	45.10	1.0	9.6	9.89	7	3	50.10	1.94
3209092	Drill Core	97	0.02	0.017	2.7	22.3	<0.01	112	0.026	0.13	<0.01	<0.01	0.8	123.13	0.8	17.4	15.45	17	7	40.40	1.21
3209093	Drill Core	38	0.93	0.042	6.4	5.3	0.61	155	0.114	1.27	0.11	0.12	<0.5	0.07	4.1	<0.5	0.06	<5	<2	69.50	14.30
3209094	Drill Core	152	0.11	0.080	5.4	34.3	<0.01	270	0.035	0.26	<0.01	<0.01	2.1	25.44	2.4	10.7	7.09	<5	<2	24.40	1.95
3209095	Drill Core	64	0.07	0.063	2.2	14.3	<0.01	302	0.010	0.17	<0.01	<0.01	0.8	28.04	1.9	7.8	6.65	<5	<2	16.60	1.03
3209096	Drill Core	94	0.04	0.030	2.5	19.3	<0.01	161	0.022	0.14	<0.01	<0.01	1.5	54.83	0.9	6.9	8.35	6	3	17.10	1.19
3209097	Rock Pulp	<10	3.77	0.043	19.9	11.9	2.05	94	0.012	0.73	<0.01	0.47	<0.5	4.81	2.9	48.8	10.81	<5	<2	34.50	7.00
3209098	Drill Core	143	0.09	0.056	5.6	31.9	<0.01	103	0.029	0.23	<0.01	<0.01	2.0	110.13	1.7	11.9	15.92	13	5	25.10	2.17
3209099	Drill Core	143	0.06	0.044	8.5	31.3	<0.01	203	0.028	0.19	<0.01	<0.01	1.6	46.36	1.2	9.5	8.59	5	4	24.20	2.14
3209100	Drill Core	111	0.08	0.054	4.4	24.6	<0.01	166	0.021	0.17	<0.01	<0.01	0.8	87.60	1.2	7.0	10.70	8	3	35.50	1.75
3209101	Drill Core	35	<0.01	0.008	0.7	7.5	<0.01	193	0.006	0.10	<0.01	<0.01	<0.5	90.57	0.6	4.7	8.43	7	4	6.28	0.70
3209102	Drill Core	166	0.13	0.081	3.2	33.3	<0.01	125	0.032	0.22	<0.01	<0.01	<0.5	164.27	1.6	10.2	13.33	10	7	30.20	1.59
3209103	Drill Core	49	2.64	0.048	0.8	11.1	1.08	205	0.001	0.85	<0.01	<0.01	0.8	153.59	1.8	4.2	9.68	5	<2	13.30	1.76
3209104	Drill Core	50	7.56	0.021	1.2	9.5	3.00	129	<0.001	0.07	<0.01	<0.01	12.0	120.76	1.3	5.6	11.33	<5	<2	6.50	0.25
3209105	Drill Core	88	6.60	0.020	3.5	15.9	2.57	231	0.013	0.10	<0.01	<0.01	0.7	135.94	1.4	2.8	12.84	<5	4	13.40	0.54
3209106	Drill Core	79	6.01	0.017	4.7	16.7	2.27	223	0.009	0.12	<0.01	<0.01	0.5	94.28	1.7	3.1	13.77	<5	2	12.40	0.73
3209107	Drill Core	88	4.07	0.015	4.7	19.5	1.32	138	0.018	0.10	<0.01	<0.01	0.8	35.95	1.3	4.1	18.08	<5	2	20.30	0.63
3209108	Drill Core	124	6.59	0.009	1.8	15.5	2.20	85	0.017	0.21	<0.01	<0.01	<0.5	2.17	1.7	1.0	20.73	<5	<2	15.10	0.64
3209109	Drill Core	112	6.95	0.004	1.7	14.3	2.12	181	0.014	0.20	<0.01	<0.01	<0.5	2.35	1.5	1.5	16.22	<5	<2	20.70	0.40
3209110	Drill Core	121	7.02	0.011	3.5	19.7	2.09	165	0.018	0.24	<0.01	<0.01	<0.5	23.30	2.1	2.0	11.74	<5	<2	30.60	0.65
3209111	Drill Core	103	4.41	0.009	3.1	19.0	1.27	226	0.019	0.17	<0.01	<0.01	<0.5	19.08	1.3	2.6	14.07	<5	<2	30.30	0.58
3209112	Drill Core	73	3.57	0.005	1.3	9.8	1.36	128	0.008	0.10	<0.01	<0.01	<0.5	14.12	1.6	0.6	21.22	<5	<2	19.20	0.32
3209113	Drill Core	94	1.58	0.016	2.8	17.4	0.57	71	0.024	0.34	<0.01	<0.01	<0.5	98.22	1.7	3.6	19.41	5	2	17.30	0.66
3209114	Drill Core	102	6.59	0.013	1.1	13.4	2.79	315	0.008	0.12	<0.01	<0.01	<0.5	24.75	2.2	1.3	8.05	<5	<2	14.60	0.36
3209115	Drill Core	95	7.81	0.002	0.9	12.6	2.52	349	0.007	0.07	<0.01	<0.01	<0.5	31.70	3.0	4.5	11.54	<5	3	8.15	0.24
3209116	Drill Core	91	6.67	0.018	1.3	14.5	2.26	281	0.013	0.13	<0.01	<0.01	<0.5	47.11	1.8	1.8	11.47	<5	<2	15.50	0.41
3209117	Drill Core	108	4.30	0.004	0.8	12.9	2.34	318	0.011	0.10	<0.01	<0.01	<0.5	24.45	3.4	2.0	11.58	<5	4	9.41	0.35
3209118	Drill Core	119	5.88	<0.001	<0.5	9.2	2.97	370	0.006	0.17	<0.01	<0.01	<0.5	15.98	3.4	1.8	8.14	<5	<2	3.15	0.58
3209119	Drill Core	94	6.67	0.005	0.9	11.3	2.37	291	0.011	0.08	<0.01	<0.01	<0.5	38.64	2.9	1.4	14.21	<5	2	5.92	0.35
3209120	Drill Core	95	5.67	0.004	1.4	11.8	2.11	228	0.009	0.10	<0.01	<0.01	<0.5	51.02	2.3	2.4	14.78	<5	<2	9.33	0.40



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Method	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC006	TC000	TC000	LF726	LF726
Analyte	Fe2O3	CaO	MgO	K2O	MnO	TiO2	P2O5	Cr2O3	Ba	Cu	Pb	Zn	LOI	SUM_T	CO2	TOT/C	TOT/S	Pb	Zn
Unit	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
MDL	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-5.11	0.01	0.02	0.02	0.02	0.1	0.1
3209091	Drill Core	3.73	0.10	0.02	0.03	0.15	0.09	<0.01	8.96	<0.01	4.32	14.22	7.52	96.06	0.02	0.04	12.60		
3209092	Drill Core	2.62	0.04	<0.01	<0.01	0.04	0.08	0.04	<0.01	1.26	<0.01	3.00	>24	10.00	100.51	0.02	0.04	19.26	3.1 33.3
3209093	Drill Core	4.00	2.80	1.27	1.84	0.12	0.40	0.09	<0.01	0.09	<0.01	<0.01	0.01	1.49	100.33	0.41	0.13	0.04	
3209094	Drill Core	2.64	0.13	0.01	0.03	0.03	0.11	0.19	<0.01	24.64	0.01	15.23	5.86	4.99	85.69	0.06	0.06	12.83	
3209095	Drill Core	2.31	0.11	<0.01	0.02	0.03	0.06	0.16	<0.01	31.90	<0.01	13.00	6.31	4.21	82.01	0.06	0.09	14.15	
3209096	Drill Core	1.84	0.08	0.02	0.02	0.03	0.10	0.08	<0.01	31.00	0.01	3.07	14.22	5.33	81.41	0.05	0.05	16.06	
3209097	Rock Pulp	11.40	5.44	3.84	3.49	0.18	0.23	0.09	<0.01	0.08	0.03	4.89	10.76	13.10	98.08	7.93	2.58	11.40	
3209098	Drill Core	2.88	0.14	<0.01	0.02	0.04	0.16	0.12	<0.01	8.31	0.02	7.46	>24	10.87	96.34	0.02	0.07	20.11 7.5 30.2	
3209099	Drill Core	2.65	0.11	<0.01	0.04	0.03	0.15	0.12	<0.01	24.01	<0.01	8.26	11.24	5.65	84.80	0.10	0.08	14.38	
3209100	Drill Core	2.15	0.12	0.01	0.05	0.03	0.13	0.13	<0.01	14.52	0.01	5.19	18.07	7.08	91.26	0.04	0.06	14.91	
3209101	Drill Core	0.85	0.03	0.01	<0.01	0.03	0.04	0.03	<0.01	35.04	0.03	9.56	14.62	3.96	79.56	0.06	0.03	17.87	
3209102	Drill Core	4.06	0.24	0.04	0.03	0.03	0.15	0.21	<0.01	8.82	0.02	14.58	19.36	8.35	94.57	0.07	0.08	16.78	
3209103	Drill Core	14.00	3.75	1.77	<0.01	0.32	0.04	0.13	<0.01	15.50	<0.01	5.44	13.17	12.34	86.96	6.90	2.86	14.97	
3209104	Drill Core	18.30	10.80	5.05	<0.01	0.49	<0.01	0.06	0.02	3.91	<0.01	17.36	6.77	8.98	81.94	18.32	5.54	11.84	
3209105	Drill Core	11.20	9.47	4.33	<0.01	0.36	0.05	0.06	<0.01	0.09	0.03	18.85	14.46	9.15	87.00	14.56	4.39	13.11	
3209106	Drill Core	12.30	8.76	3.85	<0.01	0.35	0.04	0.05	<0.01	0.05	0.03	20.89	14.14	9.07	87.76	13.09	4.12	14.07	
3209107	Drill Core	21.10	5.76	2.20	<0.01	0.26	0.07	0.04	<0.01	0.09	<0.01	18.29	7.65	16.24	95.92	8.46	2.81	18.16	
3209108	Drill Core	38.30	9.29	3.65	<0.01	0.64	0.05	0.03	<0.01	0.14	<0.01	1.41	0.42	18.33	88.27	15.46	4.87	21.38	
3209109	Drill Core	28.30	9.71	3.48	<0.01	0.60	0.02	0.02	<0.01	0.51	<0.01	8.92	0.50	16.07	90.12	14.88	4.63	16.44	
3209110	Drill Core	20.20	9.37	3.43	<0.01	0.54	0.04	0.03	<0.01	0.47	0.01	6.97	3.98	13.30	91.15	14.55	4.67	11.31	
3209111	Drill Core	16.70	5.87	2.06	<0.01	0.35	0.02	0.03	<0.01	0.13	<0.01	20.80	3.44	12.48	95.22	8.44	2.75	13.32	
3209112	Drill Core	39.20	5.09	2.39	<0.01	0.59	0.03	0.02	<0.01	0.07	0.02	1.75	3.42	21.19	94.34	12.12	3.86	22.55	
3209113	Drill Core	15.20	2.22	0.91	0.01	0.21	0.03	0.04	<0.01	1.30	0.01	22.47	17.35	12.05	95.89	3.69	1.41	20.66	
3209114	Drill Core	23.80	9.29	4.64	<0.01	0.62	0.01	0.03	<0.01	0.18	0.02	12.72	6.50	18.88	94.24	20.70	6.44	7.91	
3209115	Drill Core	18.20	11.00	4.15	<0.01	0.51	<0.01	0.02	<0.01	0.04	0.04	23.31	7.12	9.81	86.13	18.14	5.51	11.17	
3209116	Drill Core	12.90	9.22	3.73	<0.01	0.44	0.01	0.04	<0.01	0.14	0.04	19.59	12.93	11.85	91.49	14.60	4.69	11.20	
3209117	Drill Core	30.30	5.95	3.91	<0.01	0.77	0.01	0.02	<0.01	0.11	0.02	10.58	10.36	21.24	96.39	18.67	6.09	11.38	
3209118	Drill Core	32.60	8.24	4.88	<0.01	0.88	<0.01	0.01	<0.01	0.17	0.02	10.68	7.87	18.32	90.18	24.94	7.70	8.06	
3209119	Drill Core	23.40	9.33	3.96	<0.01	0.62	0.02	0.02	<0.01	0.03	0.04	13.83	13.49	12.24	87.64	17.22	5.45	14.69	
3209120	Drill Core	25.50	8.09	3.53	<0.01	0.64	0.02	0.02	<0.01	0.01	0.05	9.75	13.98	16.82	92.32	16.34	5.15	15.64	



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Project: MacMillan Pass
Report Date: September 29, 2018

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	Method Analyte Unit MDL	WGHT	FA330	FA330	FA330	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
		Wgt	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi
		kg	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	3	2	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
3209121	Rock	1.53	<2	<3	<2	1.3	9.3	87.0	93	<0.5	1.9	5.2	687	2.38	<5	<0.5	2.2	39	<0.5	<0.5	<0.5
3209122	Drill Core	1.81	51	<3	5	6.1	264.3	>40000	105728	86.9	41.4	29.7	1873	7.32	180	0.8	0.7	199	352.1	149.3	<0.5
3209123	Drill Core	2.76	21	<3	<2	5.7	462.2	32462.1	29496	36.8	58.1	40.8	3611	13.80	289	0.7	0.8	130	93.7	64.4	<0.5
3209124	Drill Core	1.81	40	4	<2	7.8	418.8	9435.6	16033	13.4	80.7	50.0	2598	15.37	704	0.9	1.0	102	62.8	35.6	<0.5
3209125	Rock Pulp	0.05	I.S.	I.S.	I.S.	2.7	240.2	17746.4	29712	33.6	28.1	20.9	1795	5.32	80	1.7	7.3	23	93.1	49.7	<0.5
3209126	Drill Core	2.68	13	<3	3	5.4	158.8	1037.8	8672	2.1	39.7	24.2	2716	9.97	188	0.6	0.8	99	35.3	10.7	<0.5
3209127	Drill Core	2.29	18	<3	2	7.1	175.9	5006.3	2628	7.2	46.8	32.2	3560	13.76	162	0.7	0.7	90	7.6	19.6	<0.5
3209128	Drill Core	2.56	29	<3	4	8.7	604.6	319.0	3234	4.1	68.1	54.5	3351	11.78	141	0.9	1.5	16	10.2	10.3	<0.5
3209129	Drill Core	2.24	21	<3	3	5.6	453.2	216.2	841	2.9	97.8	47.5	1625	9.18	107	1.4	4.4	28	2.3	16.4	<0.5
3209130	Drill Core	2.48	12	<3	6	4.2	129.8	70.9	76	0.8	46.5	15.4	1219	3.48	66	1.1	4.9	235	<0.5	9.7	<0.5
3209131	Drill Core	2.05	10	<3	6	4.2	57.5	36.0	34	0.5	45.3	15.1	764	2.61	47	1.3	6.6	116	<0.5	7.3	<0.5
3209132	Drill Core	4.08	16	<3	3	4.4	217.6	62.0	30	1.6	63.5	16.8	482	5.82	96	1.2	6.0	73	<0.5	12.9	<0.5
3209133	Drill Core	0.83	17	<3	4	5.4	161.7	36.1	17	1.3	66.5	23.7	237	2.82	85	1.4	9.0	43	<0.5	16.2	<0.5
3209134	Drill Core	1.70	18	<3	4	5.5	145.1	49.0	23	1.2	58.1	21.0	270	2.31	66	1.7	8.8	58	<0.5	17.0	<0.5
3209135	Drill Core	1.75	8	<3	<2	1.4	360.8	32.0	32	1.3	31.9	11.4	1042	3.75	32	<0.5	1.0	179	<0.5	5.7	<0.5
3209136	Drill Core	3.20	13	<3	5	2.3	181.1	35.5	73	0.8	48.4	16.1	1242	5.44	52	0.8	2.7	220	<0.5	8.1	<0.5
3209137	Drill Core	2.42	8	<3	3	2.1	117.5	33.0	26	0.7	34.7	12.7	1231	5.10	42	0.5	2.2	219	<0.5	5.8	<0.5
3209138	Drill Core	2.16	8	<3	<2	1.8	109.1	23.7	45	0.7	31.5	8.3	850	3.49	28	<0.5	1.1	147	<0.5	5.1	<0.5



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	Method Analyte Unit MDL	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF725	LF725
		V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	SiO2	Al2O3
		ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%
		10	0.01	0.001	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
3209121	Rock	35	0.97	0.042	7.3	4.6	0.56	67	0.128	1.39	0.18	0.14	<0.5	<0.05	4.8	<0.5	<0.05	5	<2	69.50	14.10
3209122	Drill Core	85	4.32	0.036	3.2	18.0	1.30	285	0.007	0.28	<0.01	<0.01	<0.5	29.45	1.9	4.1	9.16	<5	4	40.80	1.13
3209123	Drill Core	88	4.08	0.021	4.0	15.4	1.60	295	0.004	0.26	<0.01	0.01	<0.5	7.04	2.3	0.9	6.22	<5	3	44.70	0.88
3209124	Drill Core	171	1.61	0.021	3.9	32.3	0.67	193	0.030	0.32	<0.01	<0.01	<0.5	3.73	2.2	1.2	10.34	<5	3	52.90	1.58
3209125	Rock Pulp	11	5.04	0.054	26.4	15.1	2.75	138	0.021	1.03	0.01	0.74	0.9	1.09	3.4	27.4	4.79	<5	<2	43.90	8.70
3209126	Drill Core	76	2.23	0.021	4.7	14.7	0.89	1075	0.003	0.22	<0.01	0.02	<0.5	1.98	1.7	0.6	2.83	<5	<2	64.60	1.58
3209127	Drill Core	63	1.66	0.022	4.3	11.1	0.82	230	0.001	0.16	0.02	0.04	<0.5	0.82	1.7	0.5	3.41	<5	3	58.60	1.73
3209128	Drill Core	72	0.34	0.060	7.9	13.7	0.48	669	0.003	0.24	0.02	0.12	<0.5	0.75	2.2	<0.5	2.46	<5	6	65.60	3.00
3209129	Drill Core	53	0.35	0.051	16.9	12.2	0.29	909	0.004	0.46	<0.01	0.20	0.5	0.27	2.3	0.5	3.74	<5	5	65.20	7.34
3209130	Drill Core	35	2.65	0.067	22.3	9.9	0.70	845	0.004	0.41	<0.01	0.18	<0.5	0.09	3.1	<0.5	1.22	<5	<2	70.30	7.23
3209131	Drill Core	33	2.18	0.056	33.0	10.4	0.58	1010	0.004	0.47	<0.01	0.24	<0.5	0.08	3.1	<0.5	0.76	<5	3	70.90	9.40
3209132	Drill Core	35	2.30	0.059	23.3	10.6	0.67	781	0.004	0.47	<0.01	0.24	<0.5	0.10	2.8	<0.5	4.48	<5	4	63.20	9.39
3209133	Drill Core	47	1.14	0.076	36.1	14.0	0.32	1041	0.005	0.61	<0.01	0.32	<0.5	0.15	3.7	0.5	2.10	<5	4	70.00	11.80
3209134	Drill Core	43	1.35	0.122	43.2	14.1	0.35	1016	0.005	0.65	<0.01	0.34	<0.5	0.12	3.1	0.5	1.29	<5	4	69.60	12.00
3209135	Drill Core	18	3.99	0.022	11.9	6.8	1.18	226	0.001	0.12	<0.01	0.07	<0.5	<0.05	1.6	<0.5	0.60	<5	<2	74.30	2.07
3209136	Drill Core	34	5.43	0.072	24.6	13.5	1.60	466	0.003	0.26	<0.01	0.14	<0.5	0.05	2.7	<0.5	1.10	<5	2	61.00	4.70
3209137	Drill Core	29	6.25	0.066	22.8	9.6	1.87	365	0.002	0.22	<0.01	0.11	<0.5	0.07	2.3	<0.5	0.62	<5	<2	60.70	3.53
3209138	Drill Core	19	3.83	0.031	10.8	8.3	1.10	226	0.002	0.13	<0.01	0.07	<0.5	<0.05	1.8	<0.5	0.45	<5	<2	75.90	1.98



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CERTIFICATE OF ANALYSIS

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Method	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC006	TC000	TC000	LF726	LF726
Analyte	Fe2O3	CaO	MgO	K2O	MnO	TiO2	P2O5	Cr2O3	Ba	Cu	Pb	Zn	LOI	SUM_T	CO2	TOT/C	TOT/S	Pb	Zn
Unit	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
MDL	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.1	0.1
3209121	Rock	3.79	2.56	1.15	1.85	0.12	0.37	0.10	<0.01	0.09	<0.01	<0.01	<0.01	1.02	99.07	0.39	0.13	0.03	
3209122	Drill Core	10.70	6.20	2.24	0.02	0.25	0.10	0.08	<0.01	0.13	0.03	8.92	10.92	12.18	97.08	9.16	3.55	9.30	
3209123	Drill Core	19.90	5.85	2.73	0.04	0.48	0.09	0.05	<0.01	0.34	0.04	3.18	3.00	12.88	95.17	12.80	4.72	6.38	
3209124	Drill Core	22.60	2.38	1.18	0.02	0.35	0.13	0.06	<0.01	0.15	0.02	0.96	1.68	13.01	97.57	6.45	3.10	11.12	
3209125	Rock Pulp	8.25	7.46	5.30	4.14	0.25	0.29	0.13	<0.01	0.08	0.02	1.84	3.12	13.27	97.82	9.76	3.28	4.91	
3209126	Drill Core	14.80	3.28	1.57	0.12	0.37	0.11	0.06	<0.01	0.20	0.01	0.11	0.92	8.95	96.96	8.54	3.59	2.98	
3209127	Drill Core	20.00	2.42	1.43	0.26	0.47	0.10	0.05	<0.01	0.14	0.01	0.51	0.27	11.82	97.98	9.05	4.31	3.59	
3209128	Drill Core	16.70	0.45	0.90	0.74	0.43	0.15	0.14	<0.01	0.38	0.05	0.03	0.32	10.36	99.43	6.01	3.83	2.60	
3209129	Drill Core	13.20	0.50	0.74	1.87	0.23	0.41	0.13	0.01	0.76	0.04	0.02	0.09	8.49	99.22	3.97	2.50	3.94	
3209130	Drill Core	5.23	3.79	1.45	1.83	0.17	0.40	0.14	<0.01	0.78	0.01	<0.01	<0.01	6.50	97.99	5.09	2.45	1.20	
3209131	Drill Core	4.07	3.06	1.31	2.44	0.11	0.53	0.13	0.01	0.86	<0.01	<0.01	<0.01	6.17	99.17	4.01	2.18	0.75	
3209132	Drill Core	8.66	3.19	1.44	2.44	0.08	0.53	0.14	0.01	0.77	0.01	<0.01	<0.01	7.35	97.38	4.22	2.21	4.47	
3209133	Drill Core	4.41	1.59	0.91	3.14	0.05	0.67	0.16	0.01	0.91	0.01	<0.01	<0.01	5.13	99.01	1.85	1.59	2.11	
3209134	Drill Core	3.66	1.92	0.95	3.17	0.05	0.69	0.27	0.01	0.86	0.01	<0.01	<0.01	5.21	98.58	2.07	1.78	1.28	
3209135	Drill Core	5.35	5.70	2.06	0.54	0.15	0.11	0.06	<0.01	0.16	0.03	<0.01	<0.01	7.81	98.40	8.04	2.71	0.57	
3209136	Drill Core	7.90	7.68	2.80	1.24	0.18	0.27	0.16	<0.01	0.42	0.02	<0.01	<0.01	11.29	97.74	11.11	3.88	1.13	
3209137	Drill Core	7.36	8.95	3.17	0.92	0.18	0.19	0.15	<0.01	0.26	0.01	<0.01	<0.01	12.72	98.20	12.35	4.30	0.63	
3209138	Drill Core	5.00	5.46	1.95	0.52	0.12	0.11	0.07	<0.01	0.21	0.01	0.01	<0.01	7.70	99.08	7.37	2.70	0.45	



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	Method Analyte Unit MDL	WGHT	FA330	FA330	FA330	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
		Wgt	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi
		kg	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	3	2	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
3209013	Drill Core	2.21	45	<3	3	7.8	92.5	35563.6	147982	49.8	42.2	22.5	216	2.26	358	4.0	2.0	52	689.4	89.5	7.2
3209048	Drill Core	1.15	14	<3	5	2.3	37.8	29.7	119	0.6	33.8	13.8	487	2.42	56	0.7	1.3	65	<0.5	7.6	<0.5
3209119	Drill Core	2.24	45	<3	12	2.0	450.5	>40000	131384	148.7	24.8	16.6	4743	16.39	175	0.8	<0.5	484	651.6	244.4	<0.5
Pulp Duplicates																					
3209005	Drill Core	2.82	19	<3	5	14.8	54.6	87.3	503	0.7	85.6	6.3	56	2.22	53	2.2	3.6	31	2.1	20.3	<0.5
REP 3209005	QC																				
3209006	Drill Core	1.24	30	<3	4	12.4	59.0	644.2	12704	0.8	59.6	7.4	241	3.08	55	2.2	3.0	90	56.0	26.4	<0.5
REP 3209006	QC																				
3209007	Drill Core	1.57	25	<3	6	12.5	65.9	4939.1	21588	1.9	61.0	8.4	235	2.96	60	2.4	3.3	121	99.9	32.6	<0.5
REP 3209007	QC																				
3209009	Drill Core	1.06	62	3	<2	13.5	78.3	>40000	132373	13.0	47.2	14.5	119	3.00	111	2.4	1.9	59	743.6	76.0	<0.5
REP 3209009	QC																				
3209018	Drill Core	1.93	46	9	3	1.3	804.7	>40000	130134	553.6	104.6	74.5	104	12.13	573	7.3	0.9	68	729.2	913.9	<0.5
REP 3209018	QC		46	<3	<2																
REP 3209020	QC					0.6	78.2	>40000	4457	89.3	83.9	39.2	3304	39.52	1214	1.2	<0.5	24	4.4	123.7	<0.5
3209023	Drill Core	2.67	55	<3	9	1.6	144.4	>40000	62672	449.6	168.0	120.4	1549	19.08	1117	1.5	<0.5	64	311.3	553.5	<0.5
REP 3209023	QC																				
3209029	Drill Core	1.53	85	<3	<2	5.5	539.2	>40000	171471	111.3	62.2	42.1	2797	8.21	168	2.0	0.8	278	671.1	141.5	<0.5
REP 3209029	QC		86	<3	4																
3209039	Drill Core	2.48	10	<3	4	5.8	43.2	861.5	45	1.3	31.6	13.4	832	3.58	51	0.5	1.1	42	<0.5	10.0	<0.5
REP 3209039	QC																				
3209042	Drill Core	1.13	13	<3	5	5.1	108.5	23.8	163	0.6	54.4	17.3	1610	5.38	78	1.3	5.4	13	1.4	5.3	<0.5
REP 3209042	QC																				
3209051	Drill Core	1.68	7	<3	3	2.6	189.5	29.3	530	0.9	51.4	14.2	875	3.47	49	1.3	2.0	83	2.9	6.8	<0.5
REP 3209051	QC		7	<3	6																
REP 3209054	QC					2.5	3215.4	54.7	116	10.7	42.8	14.0	636	3.15	76	0.5	1.8	114	1.4	5.2	<0.5
3209062	Drill Core	2.22	9	3	7	19.2	52.8	107.4	201	0.8	67.9	5.4	125	2.24	37	2.2	3.3	50	0.8	7.9	<0.5
REP 3209062	QC		10	<3	10																
3209073	Rock Pulp	0.02	I.S.	I.S.	I.S.	2.7	234.9	17525.2	30227	33.6	27.4	20.7	1887	5.40	82	1.8	7.5	23	94.6	51.9	<0.5



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	Method Analyte Unit MDL	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF725	LF725
		V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	SiO2	Al2O3
		ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%
		10	0.01	0.001	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
3209013	Drill Core	198	0.12	0.068	5.3	50.4	<0.01	197	0.060	0.72	<0.01	0.01	<0.5	39.50	3.2	2.1	9.02	6	13	62.20	2.45
3209048	Drill Core	22	1.66	0.049	10.1	9.0	0.47	332	0.002	0.14	<0.01	0.07	<0.5	0.08	1.0	<0.5	0.79	<5	<2	84.60	2.59
3209119	Drill Core	94	6.67	0.005	0.9	11.3	2.37	291	0.011	0.08	<0.01	<0.01	<0.5	38.64	2.9	1.4	14.21	<5	2	5.92	0.35
Pulp Duplicates																					
3209005	Drill Core	86	0.25	0.110	7.8	16.8	0.02	3130	0.004	2.11	<0.01	0.12	<0.5	0.15	3.8	1.0	1.14	<5	4	74.30	7.81
REP 3209005	QC																				
3209006	Drill Core	77	0.77	0.103	6.5	18.2	0.33	1655	0.003	2.59	<0.01	0.09	<0.5	2.69	6.2	4.4	1.76	<5	5	70.20	6.97
REP 3209006	QC																				
3209007	Drill Core	98	1.02	0.129	6.0	21.8	0.43	1238	0.003	2.61	<0.01	0.07	<0.5	4.68	6.5	4.2	2.22	<5	11	68.30	6.44
REP 3209007	QC																			68.40	6.44
3209009	Drill Core	309	0.24	0.058	6.3	64.9	0.09	243	0.088	1.57	<0.01	0.04	0.5	29.91	5.0	3.1	8.70	8	13	58.80	3.05
REP 3209009	QC																			58.80	3.07
3209018	Drill Core	114	0.12	0.099	0.7	26.6	0.04	464	0.006	1.65	<0.01	<0.01	<0.5	102.17	4.0	17.0	23.53	11	4	7.54	3.27
REP 3209018	QC																				
REP 3209020	QC	55	0.10	0.018	1.0	7.9	0.03	139	<0.001	0.33	<0.01	<0.01	<0.5	0.69	1.5	1.4	>30	<5	<2		
3209023	Drill Core	48	0.13	0.027	1.5	11.3	0.07	439	0.004	0.26	<0.01	<0.01	<0.5	58.80	1.2	5.8	25.28	<5	5	5.46	0.55
REP 3209023	QC																				
3209029	Drill Core	193	6.40	0.048	2.8	30.3	1.97	293	0.025	0.42	<0.01	<0.01	<0.5	39.15	2.7	3.2	11.38	<5	6	22.70	1.97
REP 3209029	QC																				
3209039	Drill Core	42	0.81	0.022	7.3	10.3	0.33	867	0.002	0.16	<0.01	0.06	<0.5	0.11	0.9	<0.5	0.71	<5	<2	84.10	2.53
REP 3209039	QC																			84.10	2.52
3209042	Drill Core	37	0.17	0.048	27.8	11.7	0.30	1089	0.004	0.49	<0.01	0.27	<0.5	0.07	3.6	<0.5	0.89	<5	<2	70.00	9.61
REP 3209042	QC																			70.10	9.57
3209051	Drill Core	28	2.02	0.054	16.6	12.8	0.55	487	0.002	0.29	<0.01	0.09	<0.5	0.08	2.8	<0.5	0.58	<5	<2	78.80	3.91
REP 3209051	QC																				
REP 3209054	QC	30	2.49	0.045	12.9	10.2	0.72	2048	0.002	0.23	<0.01	0.08	<0.5	0.07	3.2	<0.5	1.22	<5	<2		
3209062	Drill Core	81	0.59	0.108	8.2	17.1	0.20	1547	0.003	1.51	<0.01	0.13	<0.5	0.25	3.3	0.9	1.35	<5	3	75.20	7.24
REP 3209062	QC																				
3209073	Rock Pulp	<10	5.22	0.052	25.8	14.2	2.78	136	0.019	0.93	0.01	0.69	0.7	1.24	3.1	28.9	4.99	<5	<2	43.90	8.69



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	Method Analyte Unit MDL	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC006	TC000	TC000	LF726	LF726	
		Fe2O3	CaO	MgO	K2O	MnO	TiO2	P2O5	Cr2O3	Ba	Cu	Pb	Zn	LOI	SUM_T	CO2	TOT/C	TOT/S	Pb	Zn	
		%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-5.11	0.01	0.02	0.02	0.02	0.1	0.1
3209013	Drill Core	3.07	0.22	0.05	0.08	0.05	0.17	0.16	<0.01	1.89	0.01	3.50	14.70	6.48	99.12	0.14	0.49	9.88			
3209048	Drill Core	3.50	2.35	0.88	0.64	0.08	0.14	0.11	<0.01	0.27	<0.01	0.01	0.01	3.87	99.12	3.26	1.45	0.79			
3209119	Drill Core	23.40	9.33	3.96	<0.01	0.62	0.02	0.02	<0.01	0.03	0.04	13.83	13.49	12.24	87.64	17.22	5.45	14.69			
Pulp Duplicates																					
3209005	Drill Core	3.07	0.37	0.24	1.03	0.03	0.42	0.27	0.02	5.20	<0.01	<0.01	0.05	5.94	99.39	0.05	2.83	2.23			
REP 3209005	QC																	2.85	2.24		
3209006	Drill Core	4.22	1.04	0.65	0.60	0.05	0.35	0.23	0.02	6.26	<0.01	0.07	1.27	6.50	99.48	1.17	2.72	3.26			
REP 3209006	QC																	1.23			
3209007	Drill Core	4.06	1.38	0.78	0.46	0.05	0.36	0.30	0.02	6.24	<0.01	0.50	2.18	6.70	99.05	1.36	2.83	3.78			
REP 3209007	QC	4.07	1.39	0.77	0.45	0.05	0.35	0.30	0.02	6.27	<0.01	0.50	2.18	6.70	99.20						
3209009	Drill Core	4.05	0.38	0.17	0.07	0.03	0.24	0.14	0.01	3.51	<0.01	4.36	13.33	7.21	99.38	0.35	1.99	9.93			
REP 3209009	QC	4.04	0.38	0.17	0.08	0.03	0.25	0.14	0.01	3.52	<0.01	4.36	13.41	7.21	99.52						
3209018	Drill Core	16.80	0.14	0.07	0.02	0.05	<0.01	0.24	0.01	0.54	0.08	>25	13.01	13.89	98.12	0.17	0.10	23.41	36.7	13.3	
REP 3209018	QC																				
REP 3209020	QC																				
3209023	Drill Core	27.20	0.19	0.15	0.01	0.24	<0.01	0.07	0.01	0.45	0.02	>25	6.30	17.20	99.03	2.43	0.83	26.14	37.4	6.4	
REP 3209023	QC																			37.3	6.4
3209029	Drill Core	11.80	8.99	3.34	0.02	0.38	0.10	0.11	<0.01	0.12	0.06	7.21	17.35	12.65	91.63	14.37	4.83	11.50			
REP 3209029	QC																				
3209039	Drill Core	5.15	1.16	0.64	0.57	0.12	0.15	0.06	<0.01	0.34	<0.01	0.09	<0.01	4.29	99.29	2.92	2.02	0.71			
REP 3209039	QC	5.15	1.15	0.65	0.57	0.12	0.14	0.06	<0.01	0.34	<0.01	0.09	<0.01	4.29	99.24	3.06	2.03	0.71			
3209042	Drill Core	8.17	0.26	0.79	2.47	0.21	0.54	0.12	<0.01	0.90	0.01	<0.01	0.01	6.21	99.48	3.70	2.03	0.88			
REP 3209042	QC	8.20	0.26	0.80	2.50	0.21	0.55	0.12	0.01	0.90	0.01	0.02	0.02	6.21	99.64						
3209051	Drill Core	5.06	2.85	1.10	0.92	0.13	0.21	0.13	<0.01	0.42	0.02	0.01	0.05	5.47	99.17	4.78	2.01	0.58			
REP 3209051	QC																				
REP 3209054	QC																				
3209062	Drill Core	3.23	0.87	0.58	1.13	0.04	0.38	0.26	0.01	3.72	<0.01	0.02	0.02	6.21	99.39	0.75	3.34	2.09			
REP 3209062	QC																				
3209073	Rock Pulp	8.21	7.46	5.33	4.15	0.25	0.29	0.12	<0.01	0.08	0.02	1.84	3.10	12.64	97.17	8.42	3.34	4.91			



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		WGHT	FA330	FA330	FA330	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
		Wgt	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi
		kg	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	3	2	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
REP 3209073	QC																				
3209074	Drill Core	1.26	12	<3	7	17.6	66.0	9614.2	42620	1.5	71.4	8.9	56	7.15	143	2.6	3.3	50	209.0	11.8	<0.5
REP 3209074	QC																				
3209076	Drill Core	1.83	10	4	7	13.3	78.0	>40000	140681	8.6	32.7	23.5	113	2.36	74	2.0	2.9	30	804.5	24.2	<0.5
REP 3209076	QC																				
3209084	Drill Core	2.31	3	<3	<2	0.9	5.9	>40000	40925	16.8	2.2	2.5	32	0.28	<5	0.7	<0.5	51	210.4	25.0	<0.5
REP 3209084	QC		3	7	<2																
3209089	Drill Core	1.48	4	5	4	3.9	21.2	>40000	70253	17.9	14.3	11.7	43	0.66	24	1.2	0.9	42	348.7	29.5	<0.5
REP 3209089	QC					3.9	23.0	>40000	70675	18.2	16.2	11.8	42	0.66	22	1.2	0.9	42	344.1	29.1	<0.5
3209095	Drill Core	2.70	3	<3	5	3.5	27.8	>40000	63630	66.2	10.0	4.5	40	1.47	109	4.7	0.7	124	328.3	76.6	<0.5
REP 3209095	QC		5	<3	5																
3209098	Drill Core	1.64	5	<3	5	9.6	224.0	>40000>200000		68.0	35.2	27.5	186	2.00	107	2.5	2.1	49	1462.4	58.3	<0.5
REP 3209098	QC																				
3209107	Drill Core	1.68	47	<3	7	5.0	229.6	>40000	76054	229.4	37.5	33.5	1932	14.69	564	1.1	0.9	208	385.2	414.9	<0.5
REP 3209107	QC																				
3209109	Drill Core	2.17	36	6	6	2.1	111.1	>40000	4842	80.3	36.7	32.1	4691	20.04	314	0.6	<0.5	1048	28.0	138.0	<0.5
REP 3209109	QC																				
3209110	Drill Core	2.02	29	<3	8	3.5	272.3	>40000	40498	71.9	40.4	36.4	4243	14.58	359	0.7	0.6	883	203.7	135.3	<0.5
REP 3209110	QC																				
REP 3209122	QC		48	<3	<2																
3209124	Drill Core	1.81	40	4	<2	7.8	418.8	9435.6	16033	13.4	80.7	50.0	2598	15.37	704	0.9	1.0	102	62.8	35.6	<0.5
REP 3209124	QC					7.6	417.0	9635.4	16205	13.5	80.9	49.9	2630	15.41	737	0.9	1.0	103	61.7	35.5	<0.5
3209128	Drill Core	2.56	29	<3	4	8.7	604.6	319.0	3234	4.1	68.1	54.5	3351	11.78	141	0.9	1.5	16	10.2	10.3	<0.5
REP 3209128	QC		32	<3	5																
3209135	Drill Core	1.75	8	<3	<2	1.4	360.8	32.0	32	1.3	31.9	11.4	1042	3.75	32	<0.5	1.0	179	<0.5	5.7	<0.5
REP 3209135	QC																				
Core Reject Duplicates																					
3209020	Drill Core	1.10	48	4	<2	0.7	75.1	>40000	4525	88.2	89.2	40.5	3391	39.42	1213	1.2	<0.5	23	5.0	130.3	<0.5
DUP 3209020	QC		44	<3	<2	0.9	78.5	>40000	4468	88.9	92.2	45.2	3310	39.50	1218	1.5	<0.5	26	4.5	137.1	<0.5



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		AQ270 V ppm 10	AQ270 Ca % 0.01	AQ270 P % 0.001	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
REP 3209073	QC																			43.70	8.68
3209074	Drill Core	363	0.17	0.075	9.4	64.2	<0.01	244	0.073	0.49	<0.01	<0.01	<0.5	14.23	2.4	4.2	10.08	<5	3	66.10	5.01
REP 3209074	QC																				
3209076	Drill Core	305	0.09	0.041	9.5	69.7	<0.01	300	0.093	0.30	<0.01	<0.01	<0.5	36.61	1.5	4.4	9.75	5	9	62.20	3.02
REP 3209076	QC																			61.90	3.01
3209084	Drill Core	10	<0.01	0.013	<0.5	5.0	<0.01	654	0.002	0.04	<0.01	<0.01	<0.5	23.46	<0.5	8.0	3.13	<5	<2	16.40	0.24
REP 3209084	QC																				
3209089	Drill Core	94	0.05	0.023	3.3	22.0	<0.01	369	0.023	0.12	<0.01	<0.01	<0.5	19.71	0.8	9.2	4.48	<5	<2	25.80	1.02
REP 3209089	QC	95	0.05	0.021	3.4	22.7	<0.01	654	0.023	0.12	<0.01	<0.01	0.6	20.06	0.7	8.9	4.52	<5	<2		
3209095	Drill Core	64	0.07	0.063	2.2	14.3	<0.01	302	0.010	0.17	<0.01	<0.01	0.8	28.04	1.9	7.8	6.65	<5	<2	16.60	1.03
REP 3209095	QC																				
3209098	Drill Core	143	0.09	0.056	5.6	31.9	<0.01	103	0.029	0.23	<0.01	<0.01	2.0	110.13	1.7	11.9	15.92	13	5	25.10	2.17
REP 3209098	QC																				
3209107	Drill Core	88	4.07	0.015	4.7	19.5	1.32	138	0.018	0.10	<0.01	<0.01	0.8	35.95	1.3	4.1	18.08	<5	2	20.30	0.63
REP 3209107	QC																			20.30	0.63
3209109	Drill Core	112	6.95	0.004	1.7	14.3	2.12	181	0.014	0.20	<0.01	<0.01	<0.5	2.35	1.5	1.5	16.22	<5	<2	20.70	0.40
REP 3209109	QC																				
3209110	Drill Core	121	7.02	0.011	3.5	19.7	2.09	165	0.018	0.24	<0.01	<0.01	<0.5	23.30	2.1	2.0	11.74	<5	<2	30.60	0.65
REP 3209110	QC																			30.60	0.65
REP 3209122	QC																				
3209124	Drill Core	171	1.61	0.021	3.9	32.3	0.67	193	0.030	0.32	<0.01	<0.01	<0.5	3.73	2.2	1.2	10.34	<5	3	52.90	1.58
REP 3209124	QC	172	1.62	0.021	3.8	33.1	0.67	230	0.029	0.32	<0.01	<0.01	<0.5	3.67	1.9	1.2	10.41	<5	3		
3209128	Drill Core	72	0.34	0.060	7.9	13.7	0.48	669	0.003	0.24	0.02	0.12	<0.5	0.75	2.2	<0.5	2.46	<5	6	65.60	3.00
REP 3209128	QC																				
3209135	Drill Core	18	3.99	0.022	11.9	6.8	1.18	226	0.001	0.12	<0.01	0.07	<0.5	<0.05	1.6	<0.5	0.60	<5	<2	74.30	2.07
REP 3209135	QC																			74.40	2.05
Core Reject Duplicates																					
3209020	Drill Core	53	0.11	0.016	1.2	8.5	0.04	136	<0.001	0.33	<0.01	<0.01	<0.5	0.99	1.1	1.6	>30	<5	<2	3.25	0.84
DUP 3209020	QC	55	0.09	0.017	1.1	9.0	0.04	134	<0.001	0.39	<0.01	<0.01	<0.5	0.83	1.7	1.7	>30	<5	<2	3.18	0.88



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Project:

MacMillan Pass

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		LF725 Fe2O3 %	LF725 CaO %	LF725 MgO %	LF725 K2O %	LF725 MnO %	LF725 TiO2 %	LF725 P2O5 %	LF725 Cr2O3 %	LF725 Ba %	LF725 Cu %	LF725 Pb %	LF725 Zn %	LF725 LOI %	LF725 SUM_T %	TC006 CO2 %	TC000 TOT/C %	TC000 TOT/S %	LF726 Pb %	LF726 Zn %
		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-5.11	0.01	0.02	0.02	0.02	0.1	0.1
REP 3209073	QC	8.20	7.43	5.30	4.13	0.25	0.29	0.12	<0.01	0.08	0.02	1.83	3.09	12.64	96.82					
3209074	Drill Core	10.10	0.26	0.04	0.03	0.03	0.27	0.18	0.01	0.49	<0.01	0.93	4.14	10.58	99.30	0.02	2.75	10.14		
REP 3209074	QC															<0.02	2.77	10.40		
3209076	Drill Core	3.36	0.13	0.01	0.01	0.03	0.22	0.10	0.01	0.40	0.01	5.54	13.25	7.63	99.66	0.03	1.74	9.81		
REP 3209076	QC	3.33	0.13	<0.01	0.01	0.03	0.22	0.10	<0.01	0.40	<0.01	5.62	13.17	7.63	99.29					
3209084	Drill Core	0.42	0.02	0.01	<0.01	0.03	0.02	0.04	<0.01	39.61	<0.01	7.12	3.98	1.59	75.61	0.03	0.05	13.06		
REP 3209084	QC																			
3209089	Drill Core	1.00	0.07	0.02	0.01	0.02	0.09	0.06	<0.01	32.53	<0.01	4.31	6.81	3.32	80.84	0.09	0.05	12.45		
REP 3209089	QC																			
3209095	Drill Core	2.31	0.11	<0.01	0.02	0.03	0.06	0.16	<0.01	31.90	<0.01	13.00	6.31	4.21	82.01	0.06	0.09	14.15		
REP 3209095	QC																			
3209098	Drill Core	2.88	0.14	<0.01	0.02	0.04	0.16	0.12	<0.01	8.31	0.02	7.46	>24	10.87	96.34	0.02	0.07	20.11	7.5	30.2
REP 3209098	QC																		7.6	30.5
3209107	Drill Core	21.10	5.76	2.20	<0.01	0.26	0.07	0.04	<0.01	0.09	<0.01	18.29	7.65	16.24	95.92	8.46	2.81	18.16		
REP 3209107	QC	20.90	5.75	2.20	<0.01	0.26	0.06	0.05	<0.01	0.09	<0.01	18.29	7.62	16.24	95.67					
3209109	Drill Core	28.30	9.71	3.48	<0.01	0.60	0.02	0.02	<0.01	0.51	<0.01	8.92	0.50	16.07	90.12	14.88	4.63	16.44		
REP 3209109	QC															14.91	4.48	17.35		
3209110	Drill Core	20.20	9.37	3.43	<0.01	0.54	0.04	0.03	<0.01	0.47	0.01	6.97	3.98	13.30	91.15	14.55	4.67	11.31		
REP 3209110	QC	20.20	9.37	3.44	<0.01	0.54	0.05	0.03	<0.01	0.46	0.01	7.01	3.98	13.30	91.21					
REP 3209122	QC																			
3209124	Drill Core	22.60	2.38	1.18	0.02	0.35	0.13	0.06	<0.01	0.15	0.02	0.96	1.68	13.01	97.57	6.45	3.10	11.12		
REP 3209124	QC																			
3209128	Drill Core	16.70	0.45	0.90	0.74	0.43	0.15	0.14	<0.01	0.38	0.05	0.03	0.32	10.36	99.43	6.01	3.83	2.60		
REP 3209128	QC																			
3209135	Drill Core	5.35	5.70	2.06	0.54	0.15	0.11	0.06	<0.01	0.16	0.03	<0.01	<0.01	7.81	98.40	8.04	2.71	0.57		
REP 3209135	QC	5.39	5.67	2.05	0.54	0.15	0.10	0.06	<0.01	0.15	0.03	<0.01	<0.01	7.81	98.48					
Core Reject Duplicates																				
3209020	Drill Core	58.00	0.18	0.08	<0.01	0.44	<0.01	0.06	<0.01	0.09	<0.01	5.76	0.45	30.08	99.83	4.55	1.46	40.53		
DUP 3209020	QC	57.80	0.18	0.08	<0.01	0.43	<0.01	0.06	<0.01	0.08	<0.01	5.78	0.44	30.06	99.55	4.53	1.43	39.60		



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QUALITY CONTROL REPORT

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		WGHT	FA330	FA330	FA330	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
		Wgt	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi
		kg	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	3	2	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
3209054	Drill Core	1.47	13	<3	4	2.6	3121.5	54.8	124	10.9	44.0	14.8	601	3.03	75	0.5	1.8	105	1.1	5.2	<0.5
DUP 3209054	QC		14	<3	3	2.5	3221.9	53.6	122	10.5	45.1	15.1	641	3.15	75	0.5	1.7	109	1.2	5.3	<0.5
3209088	Drill Core	2.25	<2	<3	3	2.1	10.5	>40000	55771	9.3	5.6	4.1	36	0.41	9	0.6	<0.5	41	275.9	19.8	<0.5
DUP 3209088	QC		2	<3	<2	1.8	9.7	>40000	56807	9.3	6.0	3.5	32	0.39	10	0.6	<0.5	39	282.8	20.1	<0.5
3209122	Drill Core	1.81	51	<3	5	6.1	264.3	>40000	105728	86.9	41.4	29.7	1873	7.32	180	0.8	0.7	199	352.1	149.3	<0.5
DUP 3209122	QC		48	<3	2	7.3	273.4	>40000	106165	88.9	44.4	32.3	1885	7.54	179	0.9	0.9	199	349.3	149.5	<0.5
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 COO1	Standard																				
STD COO1	Standard																				
STD CZN-4	Standard																				
STD GBM309-15	Standard																				
STD GBM309-15	Standard																				
STD GBM309-15	Standard																				
STD GBM309-14	Standard																				
STD GBM309-14	Standard																				
STD GBM398-4-AR	Standard					938.3	4010.2	11937.1	5455	50.0	4427.6	2005.3	5264	3.83	6	0.7	0.8	13	9.1	6.8	12.9
STD GBM398-4-AR	Standard					928.1	3867.0	11040.3	5239	47.6	4236.4	2052.4	5417	4.03	6	0.6	0.7	12	9.2	7.1	11.6
STD GBM398-4-AR	Standard					866.0	3769.2	11313.8	5156	49.9	4302.5	1954.4	5141	3.91	7	0.7	0.8	14	8.0	7.0	13.2
STD GBM398-4-AR	Standard					945.9	4047.2	12202.5	5503	48.5	4287.6	1995.5	5423	4.14	7	0.7	0.9	14	10.3	7.5	13.3
STD GS311-1	Standard																				
STD GS311-1	Standard																				



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Project: MacMillan Pass
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		AQ270 V ppm 10	AQ270 Ca % 0.01	AQ270 P % 0.001	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 %	LF725 Al2O3 %
3209054	Drill Core	28	2.35	0.046	12.7	9.5	0.66	2155	0.002	0.23	<0.01	0.07	<0.5	0.09	3.3	<0.5	1.19	<5	<2	78.50	3.39
DUP 3209054	QC	29	2.52	0.047	12.1	10.0	0.72	1936	0.003	0.24	<0.01	0.07	<0.5	0.06	3.1	<0.5	1.21	<5	3	77.60	3.38
3209088	Drill Core	25	<0.01	0.005	0.9	7.3	<0.01	464	0.006	0.05	<0.01	<0.01	0.5	14.07	<0.5	10.3	3.51	<5	<2	22.30	0.39
DUP 3209088	QC	24	<0.01	0.006	0.8	7.4	<0.01	426	0.006	0.05	<0.01	<0.01	<0.5	13.96	<0.5	10.3	3.56	<5	<2	22.50	0.37
3209122	Drill Core	85	4.32	0.036	3.2	18.0	1.30	285	0.007	0.28	<0.01	<0.01	<0.5	29.45	1.9	4.1	9.16	<5	4	40.80	1.13
DUP 3209122	QC	82	4.35	0.035	3.3	19.9	1.32	283	0.007	0.23	<0.01	<0.01	<0.5	28.85	1.9	4.2	9.33	<5	4	40.30	1.12
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 COO1	Standard																				
STD CZN-4	Standard																				
STD GBM309-15	Standard																				
STD GBM309-15	Standard																				
STD GBM309-15	Standard																				
STD GBM309-14	Standard																				
STD GBM309-14	Standard																				
STD GBM398-4-AR	Standard	17	0.32	0.018	2.6	1969.6	0.12	19	0.109	0.48	0.25	0.11	2.8	3.15	1.6	<0.5	0.93	<5	<2		
STD GBM398-4-AR	Standard	22	0.35	0.019	2.5	2012.8	0.12	18	0.112	0.46	0.25	0.10	2.9	2.80	1.6	<0.5	0.96	<5	<2		
STD GBM398-4-AR	Standard	26	0.33	0.018	2.7	1948.9	0.12	20	0.116	0.50	0.25	0.11	2.9	2.95	1.6	<0.5	0.93	<5	2		
STD GBM398-4-AR	Standard	19	0.37	0.020	2.9	1990.9	0.12	21	0.113	0.51	0.26	0.11	3.2	3.34	1.9	<0.5	0.96	<5	<2		
STD GS311-1	Standard																				
STD GS311-1	Standard																				



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		LF725 Fe2O3 %	LF725 CaO %	LF725 MgO %	LF725 K2O %	LF725 MnO %	LF725 TiO2 %	LF725 P2O5 %	LF725 Cr2O3 %	LF725 Ba %	LF725 Cu %	LF725 Pb %	LF725 Zn %	LF725 LOI %	LF725 SUM_T %	TC006 CO2 %	TC000 TOT/C %	TC000 TOT/S %	LF726 Pb %	LF726 Zn %
		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-5.11	0.01	0.02	0.02	0.02	0.1	0.1
3209054	Drill Core	4.52	3.30	1.27	0.71	0.09	0.20	0.11	0.02	0.54	0.30	0.02	0.01	4.62	97.76	4.63	1.97	1.22		
DUP 3209054	QC	4.61	3.56	1.36	0.71	0.10	0.21	0.11	<0.01	0.52	0.32	0.01	0.01	4.72	97.39	4.94	2.08	1.21		
3209088	Drill Core	0.64	<0.01	0.02	<0.01	0.02	0.04	0.02	<0.01	36.74	0.01	4.48	5.47	2.06	78.15	0.02	0.05	12.41		
DUP 3209088	QC	0.62	<0.01	0.01	<0.01	0.02	0.03	0.02	<0.01	36.38	<0.01	4.51	5.53	2.00	77.95	<0.02	0.02	12.84		
3209122	Drill Core	10.70	6.20	2.24	0.02	0.25	0.10	0.08	<0.01	0.13	0.03	8.92	10.92	12.18	97.08	9.16	3.55	9.30		
DUP 3209122	QC	10.80	6.21	2.24	0.02	0.25	0.09	0.08	<0.01	0.12	0.02	8.93	10.76	11.94	96.24	9.15	3.52	9.71		
Reference Materials																				
STD COO1	Standard															2.51				
STD COO1	Standard															2.43				
STD COO1	Standard															2.10				
STD COO1	Standard															2.38				
STD COO1	Standard															2.33				
STD COO1	Standard															2.46				
STD COO1	Standard															2.39				
STD COO1	Standard															2.35				
STD COO1	Standard															2.24				
STD COO1	Standard															2.32				
STD CZN-4	Standard																		0.2	56.6
STD GBM309-15	Standard																0.20	27.72		
STD GBM309-15	Standard																0.18	27.68		
STD GBM309-15	Standard																0.22	28.01		
STD GBM309-14	Standard																		1.4	22.6
STD GBM309-14	Standard																		1.4	22.3
STD GBM398-4-AR	Standard																			
STD GBM398-4-AR	Standard																			
STD GBM398-4-AR	Standard																			
STD GBM398-4-AR	Standard																			
STD GS311-1	Standard																0.99	2.31		
STD GS311-1	Standard																1.00	2.29		



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		WGHT	FA330	FA330	FA330	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	
		Wgt	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi
		kg	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	3	2	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
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 OREAS135	Standard	8.3 311.9 17389.3 27783 56.5 38.2 29.7 3854 8.94 911 9.9 10.9 28 67.2 41.1 5.4																			
STD OREAS133B(D)	Standard																				
STD OREAS133B(D)	Standard																				
STD OREAS133B(D)	Standard																				
STD OREAS133B(D)	Standard																				
STD OREAS133B(D)	Standard																				
STD OREAS605	Standard	5.2 50058.9 880.0 2186 >1000 1594.4 101.6 94 3.75 1706 0.9 2.5 48 14.2 288.9 19.0																			
STD OREAS72B	Standard																				
STD OREAS72B	Standard																				
STD OREAS72B	Standard																				
STD OREAS72B	Standard																				
STD OREAS72B	Standard																				
STD OREAS927-AR	Standard	1.1 10628.8 226.5 726 4.3 28.9 31.2 1091 8.41 12 1.6 13.0 13 1.0 1.2 63.1																			
STD OREAS927-AR	Standard	1.0 10628.5 227.4 721 4.1 31.0 30.6 1071 8.26 13 1.7 14.3 13 1.2 1.2 77.9																			
STD OREAS927-AR	Standard	1.0 10754.9 235.8 704 4.4 30.6 30.1 1079 8.23 13 1.9 13.5 13 0.9 1.2 74.2																			
STD PD05	Standard	519 422 614																			
STD PD05	Standard	527 459 628																			
STD PD05	Standard	531 438 618																			
STD PD05	Standard	520 433 612																			
STD PD05	Standard	506 423 598																			
STD PD05	Standard	501 414 604																			
STD PD05	Standard	527 457 637																			
STD PG04	Standard	978 892 1193																			



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		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF725	LF725
		V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	SiO2	Al2O3
		ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%
		10	0.01	0.001	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
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 OREAS135	Standard	33	1.78	0.092	41.8	21.8	0.80	416	0.028	1.03	0.02	0.47	3.1	1.44	3.1	6.5	7.25	<5	<2		
STD OREAS133B(D)	Standard																				
STD OREAS133B(D)	Standard																				
STD OREAS133B(D)	Standard																				
STD OREAS133B(D)	Standard																				
STD OREAS133B(D)	Standard																				
STD OREAS133B(D)	Standard																				
STD OREAS605	Standard	<10	0.18	0.009	7.7	26.4	0.03	183	0.010	0.70	0.03	0.14	7.1	1.57	1.3	16.0	7.82	7	77		
STD OREAS72B	Standard																				
STD OREAS72B	Standard																				
STD OREAS72B	Standard																				
STD OREAS72B	Standard																				
STD OREAS72B	Standard																				
STD OREAS927-AR	Standard	32	0.24	0.051	25.3	42.2	1.93	47	0.072	3.18	<0.01	0.24	4.4	<0.05	5.3	<0.5	1.81	9	15		
STD OREAS927-AR	Standard	34	0.27	0.052	27.9	42.1	1.87	50	0.075	3.12	<0.01	0.25	4.5	0.25	4.1	<0.5	1.75	9	16		
STD OREAS927-AR	Standard	34	0.30	0.051	29.1	41.9	1.93	50	0.100	3.33	<0.01	0.28	5.0	0.14	4.1	<0.5	1.78	9	15		
STD PD05	Standard																				
STD PD05	Standard																				
STD PD05	Standard																				
STD PD05	Standard																				
STD PD05	Standard																				
STD PD05	Standard																				
STD PD05	Standard																				
STD PG04	Standard																				



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		LF725 Fe2O3 %	LF725 CaO %	LF725 MgO %	LF725 K2O %	LF725 MnO %	LF725 TiO2 %	LF725 P2O5 %	LF725 Cr2O3 %	LF725 Ba %	LF725 Cu %	LF725 Pb %	LF725 Zn %	LF725 LOI %	LF725 SUM_T %	TC006 CO2 %	TC000 TOT/C %	TC000 TOT/S %	LF726 Pb %	LF726 Zn %
		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-5.11	0.01	0.02	0.02	0.02	0.1	0.1
STD GS311-1	Standard																0.99	2.27		
STD GS311-1	Standard																1.02	2.35		
STD GS910-4	Standard																2.67	8.40		
STD GS910-4	Standard																2.66	8.22		
STD GS910-4	Standard																2.67	8.14		
STD GS910-4	Standard																2.72	8.42		
STD OREAS135	Standard																			
STD OREAS133B(D)	Standard	11.40	5.31	3.71	3.44	0.16	0.23	0.09	<0.01	0.07	0.03	5.07	11.33	13.00	97.65					
STD OREAS133B(D)	Standard	11.40	5.32	3.73	3.44	0.16	0.23	0.10	<0.01	0.07	0.03	5.06	11.33	13.00	97.58					
STD OREAS133B(D)	Standard	11.40	5.31	3.73	3.46	0.16	0.23	0.09	<0.01	0.07	0.03	5.06	11.33	13.00	97.58					
STD OREAS133B(D)	Standard	11.40	5.31	3.73	3.46	0.16	0.23	0.09	<0.01	0.07	0.03	5.06	11.33	13.00	97.68					
STD OREAS133B(D)	Standard	11.40	5.30	3.72	3.44	0.16	0.23	0.09	<0.01	0.07	0.03	5.06	11.33	13.00	97.41					
STD OREAS605	Standard																			
STD OREAS72B	Standard	9.81	3.99	15.90	1.32	0.15	0.35	0.06	0.15	0.03	0.02	<0.01	<0.01	5.12	98.80					
STD OREAS72B	Standard	9.70	3.96	15.90	1.32	0.15	0.36	0.06	0.14	0.03	0.02	<0.01	<0.01	5.12	98.24					
STD OREAS72B	Standard	9.72	3.96	15.90	1.32	0.15	0.35	0.06	0.14	0.06	0.02	<0.01	<0.01	5.12	98.41					
STD OREAS72B	Standard	9.70	3.96	15.90	1.31	0.14	0.35	0.06	0.15	0.03	0.02	<0.01	<0.01	5.12	98.17					
STD OREAS72B	Standard	9.83	3.99	15.90	1.32	0.15	0.35	0.06	0.14	0.04	0.02	<0.01	<0.01	5.12	98.57					
STD OREAS927-AR	Standard																			
STD OREAS927-AR	Standard																			
STD OREAS927-AR	Standard																			
STD PD05	Standard																			
STD PD05	Standard																			
STD PD05	Standard																			
STD PD05	Standard																			
STD PD05	Standard																			
STD PD05	Standard																			
STD PD05	Standard																			
STD PG04	Standard																			



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		WGHT	FA330	FA330	FA330	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
		Wgt	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi
		kg	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	3	2	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
STD PG04	Standard		995	900	1222																
STD PG04	Standard		1022	925	1235																
STD PG04	Standard		985	898	1208																
STD PG04	Standard		994	893	1208																
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 OREAS605 Expected						4.75	49800	856	2170	984	1538	93	86	3.75	1613	0.95		12.9	228	16.7	
STD OREAS135 Expected						8.25	282	17000	28000	55.2	33.7	28	3960	8.97	883	8.89	9.67	61	38	4.35	
STD COO1 Expected																					
STD GBM398-4-AR Expected						917	3919	11750	5345	49.2	4135	1950	5260	3.95	6	0.7	0.8	13	9.2	7.2	12.9
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
STD SY-4(D) Expected																					
STD OREAS72B Expected																					
STD OREAS133B(D) Expected																					
STD CZN-4 Expected																					
STD GBM309-14 Expected																					
STD PD05 Expected			519	430	596																
STD PG04 Expected			1004	903	1196																
BLK	Blank		2	<3	<2																
BLK	Blank		3	<3	<2																
BLK	Blank		4	<3	<2																
BLK	Blank		3	<3	3																
BLK	Blank																				



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		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF725	LF725
		V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	SiO ₂	Al ₂ O ₃
		ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%
		10	0.01	0.001	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
STD PG04	Standard																				
STD PG04	Standard																				
STD PG04	Standard																				
STD PG04	Standard																				
STD SY-4(D)	Standard																			49.90	20.60
STD SY-4(D)	Standard																			49.60	20.70
STD SY-4(D)	Standard																			49.70	20.70
STD SY-4(D)	Standard																			49.70	20.70
STD SY-4(D)	Standard																			49.60	20.70
STD GS311-1 Expected																					
STD GS910-4 Expected																					
STD GBM309-15 Expected																					
STD OREAS605 Expected		8.33	0.182	0.0116	3.95	27.5	0.0289	184.8	0.01	0.73	0.0328	0.134	5.9		1.05	15.3	7.86		75		
STD OREAS135 Expected		33.4	1.83	0.086	39.8	22	0.833	366	0.026	1.09		0.487	2.93	1.21	3.51	6.61	7.08	5.25			
STD COO1 Expected																					
STD GBM398-4-AR Expected		24	0.34	0.02	2.8	1950	0.12	21	0.111	0.48	0.25	0.11	3	3.21	1.79		0.94		3		
STD OREAS927-AR Expected		34	0.3	0.054	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 SY-4(D) Expected																				49.9	20.69
STD OREAS72B Expected																				51.16	8.97
STD OREAS133B(D) Expected																				33.83	6.91
STD CZN-4 Expected																					
STD GBM309-14 Expected																					
STD PD05 Expected																					
STD PG04 Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				



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		LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC006	TC000	TC000	LF726	LF726	
		Fe2O3	CaO	MgO	K2O	MnO	TiO2	P2O5	Cr2O3	Ba	Cu	Pb	Zn	LOI	SUM_T	CO2	TOT/C	TOT/S	Pb	Zn
		%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-5.11	0.01	0.02	0.02	0.02	0.1	0.1
STD PG04	Standard																			
STD PG04	Standard																			
STD PG04	Standard																			
STD PG04	Standard																			
STD SY-4(D)	Standard	6.12	8.00	0.53	1.66	0.10	0.29	0.15	<0.01	0.03	<0.01	<0.01	0.02	4.56	98.92					
STD SY-4(D)	Standard	6.09	8.01	0.54	1.66	0.11	0.29	0.16	<0.01	0.03	<0.01	0.01	0.03	4.56	98.80					
STD SY-4(D)	Standard	6.09	8.00	0.53	1.65	0.11	0.29	0.15	<0.01	0.03	<0.01	<0.01	0.03	4.56	98.82					
STD SY-4(D)	Standard	6.09	8.00	0.53	1.66	0.10	0.29	0.15	<0.01	0.03	<0.01	<0.01	0.03	4.56	98.84					
STD SY-4(D)	Standard	6.10	8.00	0.53	1.65	0.10	0.29	0.15	<0.01	0.04	<0.01	<0.01	0.03	4.56	98.76					
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 OREAS605 Expected																				
STD OREAS135 Expected																				
STD COO1 Expected																2.37				
STD GBM398-4-AR Expected																				
STD OREAS927-AR Expected																				
STD SY-4(D) Expected		6.21		0.54	1.66	0.108	0.287	0.131		0.0345				4.56						
STD OREAS72B Expected		9.724	3.96	15.933	1.313	0.13	0.355	0.061	0.142	0.0335	0.0193			5.12						
STD OREAS133B(D) Expected		11.67	5.4	3.73						0.08	0.032	5.06	11.35							
STD CZN-4 Expected																			0.1861	55.07
STD GBM309-14 Expected																			1.4982	22.7192
STD PD05 Expected																				
STD PG04 Expected																				
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank															<0.02	<0.02			



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		WGHT	FA330	FA330	FA330	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
		Wgt	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi
		kg	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	3	2	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
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank					<0.5	<0.5	1.6	<5	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
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
BLK	Blank																				
BLK	Blank					<0.5	<0.5	2.4	6	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
BLK	Blank	<2		5	<2																
BLK	Blank	<2		<3	3																
BLK	Blank	<2		<3	<2																
BLK	Blank	2		<3	<2																
BLK	Blank																				
BLK	Blank																				
SI BLK	Blank																				
SI BLK	Blank																				
BLK	Blank	2		<3	<2																
SI 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
SI BLK	Blank																				
SI BLK	Blank																				
SI BLK	Blank																				
SI BLK	Blank																				
BLK	Blank	2		<3	<2																
BLK	Blank	<2		<3	<2																
Prep Wash																					
ROCK-WHI	Prep Blank	<2		<3	4	1.7	5.1	1.3	49	<0.5	1.1	3.3	590	2.01	<5	<0.5	2.1	33	<0.5	<0.5	<0.5
ROCK-WHI	Prep Blank	2		<3	<2	1.4	4.1	1.9	34	<0.5	0.8	3.2	496	1.87	<5	<0.5	2.1	24	<0.5	<0.5	<0.5



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		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF725	LF725
		V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	SiO2	Al2O3
		ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%
		10	0.01	0.001	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
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<10	<0.01	<0.001	<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	<10	0.01	<0.001	<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	<10	<0.01	0.002	<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																				
SI BLK	Blank																			99.70	0.34
SI BLK	Blank																			99.20	0.32
BLK	Blank																				
SI BLK	Blank																			99.10	0.34
BLK	Blank																				
BLK	Blank	<10	<0.01	<0.001	<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																			99.50	0.32
SI BLK	Blank																			99.00	0.32
SI BLK	Blank																				
SI BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
ROCK-WHI	Prep Blank	21	0.85	0.046	6.3	4.1	0.50	67	0.090	1.08	0.11	0.11	<0.5	<0.05	4.0	<0.5	<0.05	<5	<2	71.40	13.90
ROCK-WHI	Prep Blank	20	0.68	0.034	5.5	3.1	0.50	61	0.082	0.94	0.10	0.10	<0.5	<0.05	3.6	<0.5	<0.05	<5	<2	71.70	13.80



**BUREAU
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Project:

MacMillan Pass

Report Date:

September 29, 2018

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Part:

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QUALITY CONTROL REPORT

WHI18000614.1

		LF725 Fe2O3 %	LF725 CaO %	LF725 MgO %	LF725 K2O %	LF725 MnO %	LF725 TiO2 %	LF725 P2O5 %	LF725 Cr2O3 %	LF725 Ba %	LF725 Cu %	LF725 Pb %	LF725 Zn %	LF725 LOI %	LF725 SUM_T %	TC006 CO2 %	TC000 TOT/C %	TC000 TOT/S %	LF726 Pb %	LF726 Zn %
		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-5.11	0.01	0.02	0.02	0.02	0.1	0.1
BLK	Blank																<0.02	<0.02		
BLK	Blank																<0.02	<0.02		
BLK	Blank																<0.02	<0.02		
BLK	Blank																			
BLK	Blank															<0.02				
BLK	Blank															0.08				
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank															<0.02				
BLK	Blank															<0.02				
SI BLK	Blank	0.03	0.02	0.03	<0.01	0.02	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.00	100.20					
SI BLK	Blank	0.02	0.01	0.03	<0.01	0.02	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.00	99.66					
BLK	Blank																			
SI BLK	Blank	0.02	0.01	0.03	<0.01	0.02	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.00	99.55					
BLK	Blank															<0.02				
BLK	Blank																			
SI BLK	Blank	0.02	0.01	0.03	<0.01	0.02	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.00	99.97					
SI BLK	Blank	0.02	0.01	0.03	<0.01	0.02	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.00	99.44					
SI BLK	Blank																		<0.1	<0.1
SI BLK	Blank																		<0.1	<0.1
BLK	Blank																			
BLK	Blank																			
Prep Wash																				
ROCK-WHI	Prep Blank	3.15	2.34	0.96	2.03	0.11	0.36	0.09	<0.01	0.09	<0.01	<0.01	<0.01	1.34	100.22	0.36	0.10	0.03		
ROCK-WHI	Prep Blank	2.95	2.12	0.88	2.08	0.10	0.33	0.09	<0.01	0.10	<0.01	<0.01	<0.01	1.05	99.69	0.19	0.08	0.03		