



BUREAU MINERAL LABORATORIES
VERITAS 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: October 07, 2020
Analysis Start: January 06, 2021
Report Date: January 15, 2021
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CERTIFICATE OF ANALYSIS

WHI20000541.1

CLIENT JOB INFORMATION

Project: MacMillan Pass
Shipment ID: FWZ20-BV-014
P.O. Number
Number of Samples: 100

SAMPLE DISPOSAL

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

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

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

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-500	97	Crush, split and pulverize 500g rock to 200 mesh			WHI
SLBHP	3	Sort, label and box pulps			WHI
CRUBW	97	Extra clean rock wash between samples in crusher			WHI
PULSW	97	Extra Wash with Silica between each sample			VAN
AQ270	100	1:1:1 Aqua Regia digestion ICP-ES/ICP-MS analysis	1	Completed	VAN
LF725	100	Li2B4O7/LiBO2 fusion, analysis by XRF		Completed	VAN
TC000	100	Total C/S Analysis by Leco	0.1	Completed	VAN
TC007	100	Graphite and Organic C by Leco After Ignition	0.1	Completed	VAN
TC006	100	Inorganic Carbon	0.2	Completed	VAN
TC010	100	Analysis by Leco after sodium carbonate leach	0.1	Completed	VAN
SHP01	100	Per sample shipping charges for branch shipments			VAN
LF726	3	Li2B4O7/LiBO2 fusion, analysis by XRF		Completed	VAN

ADDITIONAL COMMENTS

V205 from LF725 is Qualitative Data only.



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



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	Method	Analyte	Unit	MDL	WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270			
					Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
					kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
					0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
3202351	Drill Core	3.74	0.9	181.2	187.2	126670	12.8	53.7	13.2	6072	17.76	115	1.5	<0.5	33	415.3	63.6	<0.5	47	0.23	0.033			
3202352	Drill Core	5.15	1.7	43.0	161.4	6514	4.1	116.9	12.4	4198	19.63	418	1.6	<0.5	36	22.6	46.9	<0.5	41	0.20	0.040			
3202353	Drill Core	4.80	1.4	9.9	39.5	1526	0.8	58.8	6.0	5922	18.21	232	<0.5	<0.5	23	4.9	17.3	<0.5	38	0.19	0.017			
3202354	Drill Core	4.97	0.6	20.3	42.2	15231	1.3	27.7	3.5	7496	18.12	25	0.8	<0.5	21	49.9	13.3	<0.5	36	0.22	0.019			
3202355	Drill Core	4.80	<0.5	9.8	24.0	8637	0.7	32.5	3.4	7113	16.82	28	<0.5	<0.5	19	24.3	11.1	<0.5	27	0.22	0.015			
3202356	Drill Core	4.54	0.6	9.8	24.2	8549	0.7	34.7	3.7	7364	17.74	36	<0.5	<0.5	17	23.7	12.3	<0.5	32	0.20	0.015			
3202357	Drill Core	4.89	<0.5	5.1	16.6	1486	<0.5	34.4	3.4	7658	18.29	28	<0.5	<0.5	19	4.3	10.0	<0.5	30	0.22	0.018			
3202358	Drill Core	3.73	0.7	9.3	24.2	6027	0.5	41.2	4.3	7007	17.21	40	<0.5	<0.5	20	18.8	11.5	<0.5	37	0.21	0.019			
3202359	Drill Core	3.51	0.8	39.7	48.7	20106	1.3	45.6	4.3	6629	15.93	42	2.2	<0.5	46	58.9	15.0	<0.5	46	0.21	0.032			
3202360	Rock Pulp	0.05	4.0	452.0	34521.9	49151	55.2	17.3	45.3	2210	7.32	155	1.5	6.2	26	177.6	49.6	<0.5	<10	4.99	0.055			
3202361	Drill Core	2.97	1.1	344.1	779.8	>200000	42.0	75.2	9.1	2768	10.57	140	1.3	<0.5	27	1045.5	147.2	<0.5	34	0.10	0.019			
3202362	Drill Core	1.88	0.7	322.6	710.3	>200000	38.0	56.6	6.2	4009	12.21	116	0.6	<0.5	17	754.9	131.7	<0.5	31	0.13	0.017			
3202363	Drill Core	5.23	0.6	9.7	38.7	1603	0.7	40.0	4.3	7172	15.75	40	<0.5	<0.5	20	5.0	13.4	<0.5	33	0.23	0.018			
3202364	Drill Core	4.55	0.7	6.0	26.1	202	0.5	41.8	4.4	6431	14.75	33	<0.5	<0.5	17	<0.5	12.9	<0.5	37	0.21	0.014			
3202365	Drill Core	5.01	1.2	47.4	141.6	37991	4.0	83.4	12.4	5704	16.44	58	<0.5	<0.5	24	96.2	29.6	<0.5	76	0.19	0.027			
3202366	Drill Core	4.60	2.7	34.1	61.2	12183	2.0	54.8	6.8	4555	11.61	54	1.0	<0.5	20	29.3	20.5	<0.5	64	0.15	0.023			
3202367	Drill Core	4.03	5.4	40.1	99.8	14928	2.5	92.6	13.8	926	4.27	86	1.3	1.1	66	45.2	30.5	<0.5	37	0.18	0.075			
3202368	Drill Core	3.92	2.4	111.4	99.8	38695	3.9	62.6	15.2	2009	6.81	107	1.6	1.3	109	152.3	36.7	<0.5	41	0.34	0.138			
3202369	Drill Core	3.51	2.8	30.9	43.5	14439	1.9	70.5	13.7	3500	8.92	72	2.8	1.3	104	45.1	23.6	<0.5	71	0.31	0.115			
3202370	Drill Core	2.59	3.4	123.7	96.9	59317	7.3	191.9	30.6	607	4.51	166	2.1	0.9	53	179.0	50.7	<0.5	30	0.16	0.077			
3202371	Drill Core	3.27	12.2	50.8	85.4	19710	2.6	84.0	8.2	1605	5.44	68	3.1	1.1	129	70.7	30.1	<0.5	75	0.44	0.195			
3202372	Drill Core	5.69	1.6	15.6	39.7	1472	1.5	37.5	3.8	3304	7.77	32	0.7	<0.5	25	5.0	18.5	<0.5	45	0.12	0.028			
3202373	Drill Core	4.85	0.6	10.2	22.9	1524	0.7	31.7	3.0	5240	12.61	39	<0.5	<0.5	18	3.1	14.4	<0.5	28	0.15	0.015			
3202374	Drill Core	4.76	0.8	26.9	73.9	20519	3.2	28.5	3.5	6661	14.95	31	0.5	<0.5	19	67.7	15.9	<0.5	32	0.17	0.017			
3202375	Drill Core	4.31	1.2	13.7	155.9	5928	1.3	35.6	3.5	6823	14.43	26	0.6	<0.5	26	16.1	12.4	<0.5	37	0.19	0.027			
3202376	Drill Core	4.86	3.7	83.0	264.0	64581	12.5	62.0	9.9	1481	5.36	87	1.0	1.3	69	205.0	48.6	<0.5	45	0.24	0.102			
3202377	Drill Core	5.02	1.8	26.5	63.9	5422	2.5	59.9	12.3	2457	8.47	86	0.6	1.6	59	16.8	20.1	<0.5	60	0.18	0.053			
3202378	Drill Core	4.12	1.8	29.3	33.6	20651	1.8	38.3	8.6	1785	5.60	44	0.6	2.0	62	88.6	17.4	<0.5	46	0.19	0.067			
3202379	Drill Core	4.16	2.5	96.9	70.3	113646	6.1	53.8	6.9	3864	10.63	60	2.7	0.6	26	531.5	20.9	<0.5	80	0.19	0.056			
3202380	Rock	0.55	<0.5	1.6	1.3	39	<0.5	<0.5	<0.5	124	0.07	<5	<0.5	<0.5	76	<0.5	<0.5	<0.5	<10	32.30	0.007			



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	Method Analyte Unit MDL	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF725	LF725	LF725	LF725	LF725
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	SiO2	Al2O3	Fe2O3	CaO	MgO
		ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	%	%
		0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01	0.01	0.01	0.01	0.01
3202351	Drill Core	<0.5	25.7	0.43	71	0.001	0.31	<0.01	0.03	<0.5	77.66	8.1	1.4	8.38	5	3	35.69	2.72	26.60	0.35	0.78
3202352	Drill Core	<0.5	32.4	0.23	57	0.001	0.33	<0.01	0.03	<0.5	5.74	5.4	0.7	12.45	<5	2	46.44	3.53	29.55	0.28	0.43
3202353	Drill Core	<0.5	29.0	0.32	44	<0.001	0.30	<0.01	0.03	<0.5	1.20	6.4	<0.5	4.72	<5	<2	52.95	2.42	27.59	0.27	0.61
3202354	Drill Core	<0.5	22.8	0.44	37	<0.001	0.14	<0.01	0.03	<0.5	8.18	7.3	<0.5	1.14	<5	<2	51.50	1.63	27.70	0.32	0.79
3202355	Drill Core	<0.5	19.8	0.41	36	<0.001	0.15	<0.01	0.03	<0.5	4.68	5.3	<0.5	0.85	<5	<2	54.57	1.64	25.68	0.32	0.77
3202356	Drill Core	<0.5	23.8	0.43	33	<0.001	0.13	<0.01	0.03	<0.5	4.19	5.8	<0.5	1.02	<5	<2	54.06	1.47	26.94	0.30	0.81
3202357	Drill Core	<0.5	18.7	0.42	36	<0.001	0.11	<0.01	0.02	<0.5	0.90	5.1	<0.5	0.47	<5	<2	53.50	1.35	27.90	0.32	0.81
3202358	Drill Core	<0.5	29.3	0.44	36	<0.001	0.21	<0.01	0.02	<0.5	3.01	6.0	<0.5	0.92	<5	<2	55.41	1.76	26.10	0.30	0.81
3202359	Drill Core	<0.5	30.0	0.38	38	<0.001	0.30	<0.01	0.03	0.8	9.95	7.4	<0.5	1.41	<5	<2	56.18	1.76	23.75	0.30	0.70
3202360	Rock Pulp	23.1	15.2	2.70	252	0.018	1.01	0.01	0.65	<0.5	0.79	2.9	42.5	7.86	<5	<2	38.30	7.68	10.93	6.93	4.89
3202361	Drill Core	<0.5	29.0	0.19	21	0.001	0.40	<0.01	0.01	<0.5	145.80	4.0	2.2	17.91	10	8	27.41	1.71	14.74	0.15	0.34
3202362	Drill Core	<0.5	25.4	0.24	22	<0.001	0.23	<0.01	0.01	0.6	109.60	5.0	2.8	12.82	8	7	36.91	1.37	17.74	0.19	0.44
3202363	Drill Core	<0.5	23.5	0.31	35	<0.001	0.09	<0.01	0.02	0.7	1.01	6.1	<0.5	0.56	<5	<2	58.83	1.58	23.91	0.33	0.62
3202364	Drill Core	<0.5	23.4	0.33	40	<0.001	0.08	<0.01	0.03	0.7	0.26	8.2	<0.5	0.46	<5	<2	62.13	1.69	22.54	0.30	0.62
3202365	Drill Core	<0.5	57.5	0.37	37	0.003	1.12	<0.01	0.02	0.7	25.57	11.5	0.5	2.90	<5	2	52.62	3.66	24.56	0.27	0.68
3202366	Drill Core	<0.5	34.0	0.25	68	<0.001	0.21	<0.01	0.03	<0.5	8.80	6.2	<0.5	1.46	<5	2	67.65	1.89	17.44	0.23	0.46
3202367	Drill Core	1.8	20.6	0.07	423	0.002	0.30	<0.01	0.08	<0.5	10.78	2.6	0.6	2.78	<5	4	77.30	6.61	6.42	0.27	0.18
3202368	Drill Core	2.3	19.2	0.18	176	0.001	0.40	<0.01	0.10	<0.5	27.69	4.7	1.2	3.71	<5	3	67.57	6.17	9.98	0.47	0.37
3202369	Drill Core	2.4	40.7	0.25	302	0.001	0.42	<0.01	0.09	<0.5	11.13	8.6	0.6	1.54	<5	<2	65.90	7.07	13.31	0.43	0.51
3202370	Drill Core	1.3	19.7	0.06	90	0.002	0.45	<0.01	0.06	<0.5	44.91	2.4	0.6	5.68	<5	3	71.53	5.80	6.44	0.22	0.15
3202371	Drill Core	1.8	21.7	0.12	143	0.001	0.45	<0.01	0.09	<0.5	13.46	3.9	0.8	2.66	<5	8	71.76	6.44	8.05	0.61	0.26
3202372	Drill Core	0.8	14.7	0.17	56	<0.001	0.13	<0.01	0.04	<0.5	1.43	3.5	<0.5	0.72	<5	<2	76.03	3.05	11.47	0.18	0.35
3202373	Drill Core	<0.5	13.3	0.28	38	<0.001	0.09	<0.01	0.03	<0.5	1.01	3.2	<0.5	1.27	<5	<2	67.39	1.78	18.91	0.22	0.55
3202374	Drill Core	<0.5	13.9	0.35	35	<0.001	0.12	<0.01	0.03	<0.5	11.72	5.4	<0.5	1.59	<5	<2	58.70	1.64	22.32	0.25	0.65
3202375	Drill Core	0.5	13.5	0.34	47	<0.001	0.18	<0.01	0.03	<0.5	3.74	5.5	<0.5	0.66	<5	<2	60.86	2.37	21.83	0.27	0.65
3202376	Drill Core	2.4	18.2	0.13	115	0.001	0.40	<0.01	0.09	<0.5	37.73	4.8	1.3	4.59	<5	3	67.29	7.27	7.73	0.33	0.29
3202377	Drill Core	3.4	21.1	0.17	154	0.001	0.29	<0.01	0.11	<0.5	3.25	6.2	0.6	3.66	<5	<2	65.36	9.36	12.65	0.27	0.39
3202378	Drill Core	3.7	17.8	0.13	181	0.001	0.40	<0.01	0.11	<0.5	10.74	4.9	0.7	2.20	<5	<2	67.86	11.03	8.44	0.28	0.32
3202379	Drill Core	0.6	25.6	0.28	52	<0.001	0.62	<0.01	0.03	<0.5	64.95	6.9	<0.5	6.32	<5	4	55.24	2.98	15.22	0.27	0.50
3202380	Rock	1.3	0.5	1.46	14	0.002	0.02	<0.01	0.01	<0.5	0.07	<0.5	<0.5	<0.05	<5	<2	7.94	0.12	0.19	48.47	4.55



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Method	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC000	TC000	TC005	TC005	TC006	TC010	TC010	LF726
Analyte	K2O	MnO	TiO2	P2O5	Cr2O3	Ba	Cu	Pb	Zn	LOI	SUM_T	V2O5	TOT/C	TOT/S	C/ORG	C/GRA	CO2	S/S-	SO4	Zn
Unit	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
MDL	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-5.11	0.01	0.01	0.02	0.02	0.02	0.02	0.08	0.02	0.15	0.1
3202351	Drill Core	0.24	0.77	0.07	0.07	<0.01	0.04	0.02	0.02	13.14	16.43	100.29	0.01	4.04	8.26	1.75	<0.02	8.40	7.10	3.48
3202352	Drill Core	0.22	0.52	0.34	0.10	<0.01	0.03	<0.01	0.01	0.65	15.79	98.10	0.02	2.64	12.85	1.37	<0.02	4.59	11.27	4.73
3202353	Drill Core	0.20	0.72	0.12	0.04	<0.01	0.02	<0.01	<0.01	0.15	13.99	99.14	0.01	3.77	4.76	1.74	<0.02	7.40	4.00	2.26
3202354	Drill Core	0.16	0.93	0.09	0.04	<0.01	0.02	<0.01	<0.01	1.56	14.39	99.54	<0.01	4.73	1.08	2.07	<0.02	9.71	0.85	0.71
3202355	Drill Core	0.17	0.88	0.09	0.04	<0.01	0.03	<0.01	<0.01	0.88	13.34	98.66	0.01	4.42	0.84	1.19	<0.02	11.84	0.63	0.64
3202356	Drill Core	0.17	0.91	0.07	0.03	<0.01	0.02	<0.01	<0.01	0.86	13.85	99.73	<0.01	4.56	0.99	1.23	<0.02	12.16	0.81	0.51
3202357	Drill Core	0.16	0.95	0.07	0.05	<0.01	0.02	<0.01	<0.01	0.15	14.14	99.47	0.01	4.75	0.46	1.28	<0.02	12.69	0.32	0.41
3202358	Drill Core	0.17	0.88	0.10	0.05	<0.01	0.02	<0.01	<0.01	0.61	13.38	99.76	0.01	4.42	0.91	1.18	<0.02	11.83	0.62	0.86
3202359	Drill Core	0.16	0.80	0.11	0.08	<0.01	<0.01	<0.01	<0.01	1.99	12.72	99.07	0.01	4.07	1.38	1.18	<0.02	10.56	1.06	0.96
3202360	Rock Pulp	3.60	0.28	0.25	0.12	<0.01	0.08	0.04	3.59	5.05	16.02	99.49	0.01	3.31	7.81	0.61	<0.02	9.86	3.82	11.95
3202361	Drill Core	0.08	0.33	0.16	0.04	<0.01	<0.01	0.03	0.09	>24	14.36	100.79	0.01	1.72	18.25	0.57	<0.02	4.15	14.39	11.56 32.4
3202362	Drill Core	0.10	0.49	0.09	0.04	<0.01	<0.01	0.03	0.07	23.77	13.79	100.98	0.01	2.58	13.34	0.76	<0.02	6.65	9.86	10.44
3202363	Drill Core	0.15	0.86	0.09	0.05	<0.01	0.03	<0.01	<0.01	0.16	12.18	98.83	0.01	4.05	0.52	1.11	<0.02	10.75	0.31	0.63
3202364	Drill Core	0.17	0.80	0.11	0.02	<0.01	0.02	<0.01	<0.01	0.02	11.53	99.97	0.01	3.85	0.46	1.20	<0.02	9.67	0.27	0.57
3202365	Drill Core	0.11	0.70	0.33	0.06	<0.01	0.01	<0.01	0.01	3.82	12.14	99.95	0.02	3.55	2.93	1.14	<0.02	8.78	2.22	2.12
3202366	Drill Core	0.18	0.56	0.18	0.05	<0.01	0.03	<0.01	<0.01	1.25	9.21	99.47	0.03	2.97	1.44	1.05	<0.02	7.01	1.04	1.22
3202367	Drill Core	0.76	0.11	0.42	0.18	<0.01	0.13	<0.01	0.01	1.52	5.16	99.55	0.04	1.43	2.73	1.05	0.03	1.29	1.98	2.25
3202368	Drill Core	0.91	0.24	0.39	0.33	<0.01	0.14	<0.01	<0.01	3.86	6.86	98.36	0.03	1.60	3.72	0.64	0.02	3.45	2.46	3.77
3202369	Drill Core	0.74	0.43	0.47	0.28	<0.01	0.11	<0.01	<0.01	1.49	8.36	99.56	0.04	2.42	1.53	0.96	0.02	5.29	1.03	1.51
3202370	Drill Core	0.55	0.07	0.36	0.18	<0.01	0.06	<0.01	<0.01	5.72	5.30	97.92	0.03	0.66	5.60	0.42	0.02	0.79	4.20	4.19
3202371	Drill Core	0.91	0.19	0.33	0.44	0.01	0.14	<0.01	<0.01	2.00	7.43	99.15	0.07	3.21	2.67	2.60	0.03	2.13	1.91	2.28
3202372	Drill Core	0.32	0.40	0.13	0.07	<0.01	0.04	<0.01	<0.01	0.15	6.48	98.73	0.02	2.05	0.70	0.78	<0.02	4.63	0.50	0.60
3202373	Drill Core	0.19	0.64	0.09	0.03	<0.01	0.03	<0.01	<0.01	0.15	9.70	99.72	<0.01	3.06	1.23	0.90	<0.02	7.87	0.94	0.86
3202374	Drill Core	0.19	0.81	0.07	0.04	<0.01	0.02	<0.01	<0.01	2.07	11.93	99.23	0.01	3.82	1.58	1.07	<0.02	10.04	1.24	1.01
3202375	Drill Core	0.24	0.84	0.12	0.06	<0.01	0.03	<0.01	<0.01	0.61	11.49	99.56	0.02	3.76	0.64	0.96	<0.02	10.24	0.43	0.61
3202376	Drill Core	0.78	0.19	0.45	0.23	0.01	0.10	<0.01	0.02	6.32	6.62	99.24	0.03	1.33	4.41	0.72	0.03	2.14	3.66	2.26
3202377	Drill Core	1.14	0.30	0.55	0.15	<0.01	0.14	<0.01	<0.01	0.55	8.34	99.47	0.04	1.82	3.62	0.79	0.03	3.67	3.00	1.84
3202378	Drill Core	1.47	0.22	0.64	0.17	0.01	0.20	<0.01	<0.01	2.13	6.65	100.09	0.05	1.54	2.23	0.83	0.02	2.51	1.64	1.76
3202379	Drill Core	0.25	0.47	0.14	0.12	<0.01	0.03	<0.01	0.01	11.23	10.44	99.70	0.03	2.37	6.19	0.78	<0.02	5.81	5.17	3.06
3202380	Rock	<0.01	0.02	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	38.84	100.17	<0.01	11.00	<0.02	0.45	<0.02	38.65	<0.02	<0.15	



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	Method	Analyte	Unit	MDL	WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270			
					Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
					kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
					0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
3202381	Drill Core	2.21	2.4	87.2	39.0	98630	7.1	53.9	6.3	3248	11.04	81	7.5	<0.5	29	461.4	24.6	<0.5	80	0.11	0.027			
3202382	Drill Core	2.38	2.3	61.6	34.7	75024	5.0	51.9	6.7	2990	9.62	63	7.7	<0.5	29	341.3	20.4	<0.5	82	0.13	0.026			
3202383	Drill Core	4.41	2.3	10.5	48.9	641	1.2	65.4	4.1	4970	13.65	120	4.9	<0.5	39	5.5	18.3	<0.5	74	0.19	0.034			
3202384	Drill Core	4.05	1.8	11.4	85.2	408	1.2	62.9	6.9	4913	12.78	81	3.0	<0.5	37	4.2	20.3	<0.5	72	0.19	0.037			
3202385	Drill Core	4.39	2.7	32.5	142.8	24637	3.9	79.7	6.6	5015	13.71	108	9.9	<0.5	52	96.9	28.9	<0.5	115	0.19	0.031			
3202386	Drill Core	4.25	1.9	23.2	114.7	9397	3.2	84.6	6.1	3245	14.71	212	6.0	<0.5	18	35.3	38.5	<0.5	67	0.13	0.033			
3202387	Drill Core	4.64	4.3	20.2	50.8	9612	1.3	73.2	7.2	2461	7.02	66	5.5	0.6	32	47.4	14.6	<0.5	135	0.14	0.049			
3202388	Drill Core	2.69	6.2	121.9	169.8	107746	14.2	107.5	8.8	2654	9.13	166	9.1	0.8	36	394.0	46.7	<0.5	134	0.15	0.063			
3202389	Drill Core	4.50	1.1	35.7	77.9	12289	4.6	37.5	4.0	5373	12.04	41	1.6	<0.5	30	41.8	24.7	<0.5	32	0.16	0.033			
3202390	Drill Core	2.92	1.4	56.0	86.1	35867	3.0	45.3	8.9	3425	9.18	54	0.8	0.9	46	116.0	21.7	<0.5	32	0.20	0.063			
3202391	Drill Core	3.74	1.1	14.1	24.1	1548	0.6	34.4	2.8	5085	11.81	46	4.5	<0.5	42	4.9	19.9	<0.5	49	0.19	0.075			
3202392	Drill Core	3.89	0.8	20.6	21.0	6308	0.8	43.0	3.1	4829	11.39	43	1.6	<0.5	24	12.4	16.7	<0.5	25	0.14	0.026			
3202393	Drill Core	4.52	0.7	71.8	81.8	46875	6.8	43.1	3.7	5181	12.58	57	2.6	<0.5	27	196.1	28.5	<0.5	33	0.15	0.033			
3202394	Drill Core	4.67	0.7	13.7	13.9	5242	0.8	29.6	2.6	5797	13.36	25	0.7	<0.5	18	20.6	12.2	<0.5	25	0.14	0.016			
3202395	Drill Core	4.99	0.9	23.7	100.3	18580	2.3	35.1	2.6	6585	15.11	42	1.1	<0.5	19	35.3	14.5	<0.5	35	0.16	0.016			
3202396	Drill Core	4.31	0.8	8.7	49.2	1204	0.9	39.3	4.2	5330	13.82	46	0.8	<0.5	23	5.2	16.1	<0.5	33	0.16	0.018			
3202397	Drill Core	4.37	0.5	21.8	78.7	15781	2.5	50.8	7.4	5906	15.74	71	0.7	<0.5	24	111.5	21.4	<0.5	42	0.17	0.016			
3202398	Drill Core	4.50	0.6	25.8	58.4	22145	3.6	43.1	3.4	6383	14.38	58	<0.5	<0.5	19	75.5	16.8	<0.5	29	0.18	0.018			
3202399	Drill Core	4.62	0.5	5.9	25.2	358	0.5	28.3	2.7	6337	14.61	21	<0.5	<0.5	18	1.1	9.3	<0.5	29	0.18	0.016			
3202400	Rock Pulp	0.06	2.7	231.5	18173.1	30466	35.2	27.9	21.0	1785	5.49	91	1.7	8.0	26	101.2	52.4	<0.5	12	5.26	0.056			
3202401	Drill Core	2.26	0.6	42.4	41.1	16705	1.3	30.3	2.9	6331	15.67	33	0.6	<0.5	18	39.0	10.2	<0.5	31	0.16	0.016			
3202402	Drill Core	2.25	0.5	40.4	47.2	15248	2.4	32.3	3.6	6204	15.58	44	0.5	<0.5	16	39.8	14.7	<0.5	30	0.16	0.015			
3202403	Drill Core	3.89	2.3	128.6	210.1	73174	11.2	53.4	7.0	1987	6.78	77	1.6	1.1	74	163.4	35.2	<0.5	66	0.18	0.068			
3202404	Drill Core	3.85	2.9	83.4	77.4	20924	5.8	56.6	6.6	597	2.75	39	2.1	1.4	79	88.5	29.6	<0.5	56	0.16	0.089			
3202405	Drill Core	3.50	2.4	40.0	62.3	5778	1.3	47.9	5.5	251	1.41	38	4.4	0.9	133	28.2	17.6	<0.5	48	0.20	0.119			
3202406	Drill Core	3.70	2.5	16.6	48.5	2622	0.8	34.5	5.2	1806	5.28	34	1.7	1.2	72	12.7	11.6	<0.5	76	0.18	0.068			
3202407	Drill Core	3.91	2.8	19.3	61.0	4185	0.9	42.6	8.2	2623	7.41	42	1.6	1.6	62	19.0	15.3	<0.5	81	0.18	0.061			
3202408	Drill Core	4.00	2.5	14.5	48.3	2724	1.1	35.2	6.4	3924	11.47	30	1.3	1.2	55	11.3	13.5	<0.5	91	0.18	0.048			
3202409	Drill Core	4.60	2.4	16.5	50.4	1086	0.8	38.5	7.3	3266	9.27	36	1.0	1.3	67	5.3	11.7	<0.5	96	0.20	0.065			
3202410	Drill Core	4.01	2.6	63.5	44.8	11107	2.1	31.5	7.2	3027	8.97	34	1.6	3.2	83	45.3	17.4	<0.5	87	0.30	0.113			



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	Method Analyte Unit MDL	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF725	LF725	LF725	LF725	LF725
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	SiO2	Al2O3	Fe2O3	CaO	MgO
		ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	%	%
		0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01	0.01	0.01	0.01	0.01
3202381	Drill Core	<0.5	23.2	0.25	34	<0.001	0.72	<0.01	0.02	<0.5	42.71	5.2	<0.5	5.80	<5	3	57.35	2.48	15.80	0.21	0.46
3202382	Drill Core	<0.5	22.9	0.22	34	<0.001	0.71	<0.01	0.03	<0.5	34.46	4.8	<0.5	4.20	<5	<2	62.80	2.51	13.58	0.18	0.41
3202383	Drill Core	0.5	19.0	0.25	39	<0.001	0.46	<0.01	0.03	<0.5	0.32	4.4	<0.5	3.26	<5	<2	63.05	3.04	20.20	0.26	0.48
3202384	Drill Core	0.5	21.3	0.28	35	0.001	0.45	<0.01	0.03	<0.5	0.35	4.8	<0.5	1.57	<5	<2	65.44	2.57	19.32	0.27	0.55
3202385	Drill Core	0.7	31.0	0.27	35	<0.001	0.96	<0.01	0.03	<0.5	11.82	5.8	0.6	2.81	<5	<2	59.73	3.13	20.42	0.28	0.50
3202386	Drill Core	<0.5	22.4	0.19	31	0.001	0.72	<0.01	0.02	<0.5	4.21	5.1	<0.5	8.27	<5	<2	60.45	2.60	21.92	0.19	0.36
3202387	Drill Core	0.9	27.1	0.14	394	<0.001	1.00	<0.01	0.05	<0.5	4.30	6.1	<0.5	1.38	<5	<2	73.65	5.24	10.44	0.21	0.28
3202388	Drill Core	0.9	33.3	0.19	274	0.001	1.29	<0.01	0.04	<0.5	59.45	6.2	8.8	7.04	<5	2	55.62	4.84	13.01	0.22	0.34
3202389	Drill Core	<0.5	17.6	0.28	46	<0.001	0.21	<0.01	0.03	<0.5	7.16	4.6	<0.5	1.03	<5	<2	65.62	2.46	17.65	0.23	0.50
3202390	Drill Core	1.3	16.5	0.19	71	<0.001	0.26	<0.01	0.05	<0.5	24.75	4.4	<0.5	2.59	<5	<2	66.56	4.55	13.56	0.29	0.37
3202391	Drill Core	<0.5	26.4	0.24	44	<0.001	0.29	<0.01	0.02	<0.5	1.19	3.5	<0.5	0.40	<5	<2	68.54	2.22	17.61	0.28	0.47
3202392	Drill Core	<0.5	17.1	0.23	82	<0.001	0.14	<0.01	0.03	<0.5	5.07	3.0	<0.5	0.74	<5	<2	69.30	1.88	16.97	0.20	0.44
3202393	Drill Core	<0.5	21.5	0.27	43	<0.001	0.16	<0.01	0.02	<0.5	35.42	3.7	<0.5	2.73	<5	<2	61.48	1.55	18.35	0.22	0.49
3202394	Drill Core	<0.5	17.3	0.27	32	<0.001	0.09	<0.01	0.02	<0.5	3.51	2.9	<0.5	0.53	<5	<2	65.94	1.68	19.70	0.20	0.52
3202395	Drill Core	<0.5	18.4	0.30	54	<0.001	0.14	<0.01	0.02	<0.5	13.75	3.7	<0.5	1.27	<5	<2	58.97	1.58	22.48	0.23	0.54
3202396	Drill Core	<0.5	19.6	0.26	203	0.001	0.15	<0.01	0.03	<0.5	1.19	3.6	<0.5	1.18	<5	<2	64.49	1.71	20.37	0.23	0.47
3202397	Drill Core	<0.5	19.5	0.30	741	<0.001	0.17	<0.01	0.03	<0.5	12.06	5.0	<0.5	2.80	<5	<2	58.34	1.76	23.24	0.23	0.56
3202398	Drill Core	<0.5	20.1	0.30	592	<0.001	0.13	<0.01	0.02	<0.5	16.03	3.5	<0.5	1.88	<5	<2	60.33	1.58	21.20	0.26	0.56
3202399	Drill Core	<0.5	18.9	0.29	206	<0.001	0.18	<0.01	0.02	<0.5	0.59	3.3	<0.5	0.32	<5	<2	63.04	1.59	21.58	0.25	0.56
3202400	Rock Pulp	27.8	15.0	2.84	145	0.020	1.01	0.01	0.76	0.8	1.13	3.4	28.1	4.92	<5	<2	43.47	8.67	8.19	7.38	5.32
3202401	Drill Core	<0.5	17.2	0.33	380	<0.001	0.14	<0.01	0.02	<0.5	14.26	3.7	<0.5	1.33	<5	<2	58.02	1.49	23.30	0.23	0.59
3202402	Drill Core	<0.5	11.3	0.34	427	<0.001	0.14	<0.01	0.02	<0.5	12.93	4.1	<0.5	1.31	<5	<2	59.44	1.42	23.00	0.22	0.61
3202403	Drill Core	1.9	19.5	0.15	619	0.001	0.42	<0.01	0.07	<0.5	54.52	5.8	1.3	4.79	<5	2	65.82	5.55	9.77	0.26	0.30
3202404	Drill Core	2.9	20.6	0.07	476	0.002	0.55	<0.01	0.08	<0.5	16.13	2.9	<0.5	1.65	<5	3	79.05	7.20	4.02	0.24	0.16
3202405	Drill Core	2.4	19.5	0.03	273	0.002	0.50	<0.01	0.06	<0.5	5.84	1.9	<0.5	0.80	<5	<2	85.60	6.10	2.14	0.29	0.10
3202406	Drill Core	2.6	23.4	0.15	115	0.001	0.35	<0.01	0.09	<0.5	2.62	5.6	<0.5	0.66	<5	<2	76.94	6.50	7.82	0.27	0.34
3202407	Drill Core	2.9	24.1	0.21	110	0.001	0.35	<0.01	0.09	<0.5	3.75	6.8	<0.5	0.78	<5	2	69.82	7.66	10.87	0.25	0.42
3202408	Drill Core	2.3	23.9	0.34	110	0.001	0.38	<0.01	0.09	<0.5	2.31	7.5	<0.5	0.55	<5	<2	62.64	6.80	17.10	0.26	0.64
3202409	Drill Core	2.9	23.4	0.29	144	0.001	0.34	<0.01	0.10	<0.5	0.99	7.8	<0.5	0.42	<5	<2	65.31	7.90	13.79	0.29	0.57
3202410	Drill Core	2.6	24.2	0.30	407	0.002	0.35	<0.01	0.09	<0.5	9.22	7.0	<0.5	0.89	<5	3	65.78	6.77	13.19	0.42	0.58



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Method	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC000	TC000	TC005	TC005	TC006	TC010	TC010	LF726
Analyte	K2O	MnO	TiO2	P2O5	Cr2O3	Ba	Cu	Pb	Zn	LOI	SUM_T	V2O5	TOT/C	TOT/S	C/ORG	C/GRA	CO2	S/S-	SO4	Zn
Unit	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
MDL	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-5.11	0.01	0.01	0.02	0.02	0.02	0.02	0.08	0.02	0.15	0.1
3202381	Drill Core	0.18	0.40	0.06	0.06	<0.01	0.01	<0.01	<0.01	9.71	10.62	99.77	0.02	2.45	5.90	0.74	<0.02	6.23	5.05	2.56
3202382	Drill Core	0.18	0.36	0.07	0.06	<0.01	0.02	<0.01	<0.01	7.16	9.18	98.32	0.02	2.21	4.26	0.64	<0.02	5.75	3.70	1.66
3202383	Drill Core	0.23	0.60	0.12	0.09	<0.01	0.03	<0.01	<0.01	0.07	11.03	99.21	0.02	2.99	3.15	1.26	<0.02	6.29	2.75	1.20
3202384	Drill Core	0.21	0.63	0.10	0.09	<0.01	0.02	<0.01	<0.01	0.04	10.30	99.58	0.02	3.02	1.46	0.88	<0.02	7.84	1.22	0.73
3202385	Drill Core	0.17	0.64	0.09	0.08	<0.01	0.02	<0.01	0.01	2.50	11.60	99.82	0.02	3.16	2.87	0.80	<0.02	8.66	2.30	1.72
3202386	Drill Core	0.16	0.42	0.08	0.07	<0.01	0.02	<0.01	<0.01	0.96	11.76	99.26	0.02	2.10	8.40	0.60	<0.02	5.49	6.57	5.48
3202387	Drill Core	0.44	0.32	0.21	0.13	<0.01	0.08	<0.01	<0.01	0.97	6.92	99.15	0.04	1.70	1.37	0.52	<0.02	4.31	1.58	<0.15
3202388	Drill Core	0.33	0.34	0.21	0.15	0.01	0.39	<0.01	0.02	10.26	10.18	98.54	0.03	1.74	7.00	0.56	<0.02	4.32	5.76	3.72
3202389	Drill Core	0.24	0.68	0.10	0.08	<0.01	0.03	<0.01	<0.01	1.24	9.49	98.65	0.01	2.99	0.98	0.67	<0.02	8.51	0.64	1.02
3202390	Drill Core	0.48	0.45	0.27	0.16	<0.01	0.06	<0.01	<0.01	3.58	8.11	99.36	0.02	2.18	2.50	0.64	<0.02	5.62	1.83	2.01
3202391	Drill Core	0.19	0.65	0.08	0.18	<0.01	0.02	<0.01	<0.01	0.15	9.17	99.62	0.01	2.96	0.39	0.83	<0.02	7.84	0.28	0.32
3202392	Drill Core	0.19	0.61	0.08	0.05	<0.01	0.03	<0.01	<0.01	0.64	8.63	99.17	<0.01	2.80	0.73	0.58	<0.02	8.14	0.45	0.83
3202393	Drill Core	0.16	0.65	0.07	0.08	<0.01	0.02	<0.01	<0.01	4.60	10.39	99.17	0.01	3.02	2.66	0.61	<0.02	8.83	1.75	2.74
3202394	Drill Core	0.17	0.74	0.07	0.04	<0.01	0.02	<0.01	<0.01	0.52	10.05	99.77	<0.01	3.28	0.52	0.68	<0.02	9.57	0.31	0.63
3202395	Drill Core	0.16	0.83	0.07	0.04	<0.01	0.02	<0.01	<0.01	1.83	11.84	99.06	0.01	3.74	1.18	0.60	<0.02	11.53	0.82	1.06
3202396	Drill Core	0.20	0.68	0.09	0.05	<0.01	0.04	<0.01	<0.01	0.12	10.33	98.81	<0.01	3.28	1.17	0.71	<0.02	9.43	0.75	1.26
3202397	Drill Core	0.20	0.73	0.08	0.05	<0.01	0.10	<0.01	<0.01	1.58	12.25	99.53	<0.01	3.56	2.75	0.84	<0.02	9.98	2.20	1.66
3202398	Drill Core	0.17	0.80	0.08	0.04	<0.01	0.07	<0.01	<0.01	2.23	11.28	99.13	0.01	3.45	1.81	0.72	<0.02	9.98	1.32	1.48
3202399	Drill Core	0.17	0.80	0.09	0.04	<0.01	0.03	<0.01	<0.01	0.04	10.89	99.08	<0.01	3.62	0.31	0.83	<0.02	10.24	0.18	0.41
3202400	Rock Pulp	4.21	0.23	0.28	0.12	<0.01	0.08	0.02	1.84	3.09	12.88	96.89	<0.01	3.31	4.63	0.39	<0.02	10.70	2.22	7.19
3202401	Drill Core	0.17	0.81	0.08	0.03	<0.01	0.05	<0.01	<0.01	1.68	12.19	99.07	0.01	3.84	1.29	0.67	<0.02	11.65	0.88	1.22
3202402	Drill Core	0.16	0.79	0.08	0.04	<0.01	0.05	<0.01	<0.01	1.50	11.91	99.58	0.01	3.78	1.20	0.94	<0.02	10.42	0.82	1.13
3202403	Drill Core	0.54	0.26	0.36	0.17	<0.01	0.12	<0.01	0.01	7.14	7.41	99.52	0.04	1.64	4.73	0.59	0.02	3.76	3.71	3.06
3202404	Drill Core	0.68	0.08	0.49	0.20	<0.01	0.12	<0.01	<0.01	2.04	3.85	98.72	0.04	0.95	1.58	0.63	<0.02	1.13	1.20	1.14
3202405	Drill Core	0.52	0.04	0.37	0.29	<0.01	0.08	<0.01	<0.01	0.56	2.67	98.97	0.03	0.70	0.78	0.57	<0.02	0.43	0.52	0.76
3202406	Drill Core	0.84	0.23	0.46	0.18	<0.01	0.09	<0.01	<0.01	0.26	5.43	99.48	0.04	1.70	0.66	0.70	<0.02	3.58	0.44	0.67
3202407	Drill Core	0.83	0.34	0.47	0.15	<0.01	0.09	<0.01	<0.01	0.42	7.27	98.80	0.04	2.24	0.76	0.75	<0.02	5.42	0.51	0.76
3202408	Drill Core	0.80	0.51	0.39	0.12	<0.01	0.10	<0.01	<0.01	0.27	9.95	99.73	0.04	3.26	0.54	0.94	<0.02	8.44	0.36	0.55
3202409	Drill Core	0.93	0.44	0.47	0.17	<0.01	0.11	<0.01	<0.01	0.11	8.82	99.00	0.05	2.78	0.41	0.68	0.14	7.14	0.28	0.40
3202410	Drill Core	0.76	0.38	0.41	0.27	0.01	0.11	<0.01	<0.01	1.10	8.43	98.54	0.04	2.69	0.88	0.83	<0.02	6.78	0.61	0.80



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	Method	Analyte	Unit	MDL	WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270			
					Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
					kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
					0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
3202411	Drill Core	4.43	2.5	33.2	41.4	6540	1.2	33.7	7.9	1748	5.58	34	1.5	1.4	59	26.3	12.0	<0.5	59	0.16	0.062			
3202412	Drill Core	4.71	2.3	37.1	38.4	7933	1.4	40.9	9.6	2120	6.50	40	1.0	1.1	48	29.3	11.7	<0.5	71	0.13	0.037			
3202413	Drill Core	3.88	2.1	68.8	45.5	20504	3.5	48.5	8.9	5485	15.61	56	0.7	0.8	70	66.1	17.7	<0.5	116	0.30	0.086			
3202414	Drill Core	4.16	2.6	44.4	68.0	13014	3.1	43.5	9.4	2382	7.36	52	0.9	1.0	49	61.1	21.2	<0.5	66	0.16	0.054			
3202415	Drill Core	3.86	35.4	51.4	70.1	14974	2.2	39.8	7.0	2668	7.78	41	0.9	1.1	52	46.0	21.3	<0.5	65	0.19	0.066			
3202416	Drill Core	4.31	2.9	61.7	41.7	6849	1.4	47.7	7.2	2422	7.18	41	1.5	1.4	53	24.3	20.3	<0.5	76	0.17	0.064			
3202417	Drill Core	3.95	1.9	92.1	144.9	37369	6.9	59.9	8.9	811	3.59	83	6.6	0.5	70	213.3	31.9	<0.5	75	0.23	0.153			
3202418	Drill Core	3.39	3.4	129.2	214.2	51217	8.0	70.2	7.4	540	3.29	125	19.9	0.8	103	178.8	36.2	<0.5	173	0.23	0.246			
3202419	Drill Core	3.39	3.5	24.9	57.9	1998	1.4	66.1	6.5	846	3.19	78	20.6	0.9	109	13.3	23.4	<0.5	176	0.22	0.239			
3202420	Rock	1.21	<0.5	<0.5	1.1	6	<0.5	<0.5	<0.5	159	0.08	<5	<0.5	<0.5	81	<0.5	<0.5	<0.5	<10	33.22	0.009			
3202421	Drill Core	1.59	3.3	32.1	64.2	188	1.8	70.8	7.3	447	2.51	66	6.2	0.8	72	4.7	23.3	<0.5	91	0.17	0.122			
3202422	Drill Core	1.86	3.1	22.5	60.8	340	1.2	70.1	6.1	576	2.58	63	8.5	0.8	78	5.0	22.6	<0.5	111	0.23	0.171			
3202423	Drill Core	3.20	1.7	25.2	40.1	8840	2.0	100.3	4.0	865	2.98	122	7.7	<0.5	66	33.0	27.1	<0.5	67	0.18	0.118			
3202424	Drill Core	2.56	1.6	33.2	65.7	20753	3.6	60.0	3.8	181	2.01	101	9.1	<0.5	72	70.6	32.3	<0.5	51	0.15	0.120			
3202425	Drill Core	2.31	2.1	20.8	72.0	8293	1.3	57.8	4.1	575	2.27	61	6.2	<0.5	54	30.7	25.3	<0.5	67	0.18	0.122			
3202426	Drill Core	3.25	2.2	25.3	39.3	4318	1.4	66.9	4.6	1047	3.54	77	7.0	<0.5	76	18.7	26.6	<0.5	88	0.24	0.151			
3202427	Drill Core	2.86	1.6	10.6	40.7	1188	0.9	41.4	3.5	584	2.21	45	3.0	<0.5	42	5.0	18.4	<0.5	37	0.14	0.078			
3202428	Drill Core	4.24	2.3	13.5	54.0	277	1.0	41.8	3.3	985	3.74	44	0.9	<0.5	42	1.3	21.5	<0.5	41	0.17	0.080			
3202429	Drill Core	3.20	1.9	17.1	44.6	534	1.1	46.4	5.1	606	2.66	47	1.9	0.5	60	4.2	19.4	<0.5	49	0.26	0.122			
3202430	Drill Core	3.77	3.4	42.2	66.1	5953	2.1	72.5	6.6	603	3.00	74	3.3	0.6	55	24.4	36.1	<0.5	51	0.18	0.101			
3202431	Drill Core	3.23	1.1	48.0	98.9	18681	2.8	57.8	7.0	665	2.74	71	3.3	<0.5	51	57.9	28.1	<0.5	34	0.15	0.087			
3202432	Drill Core	4.38	0.7	121.7	243.5	63245	15.8	107.4	9.9	1221	4.69	183	0.7	<0.5	26	169.0	51.8	<0.5	26	0.08	0.035			
3202433	Drill Core	4.21	0.7	28.9	39.3	22757	4.9	31.1	8.2	1131	3.98	32	0.9	<0.5	26	79.6	23.1	<0.5	28	0.08	0.033			
3202434	Drill Core	5.08	0.8	12.8	20.3	2660	1.2	33.2	4.2	936	3.49	30	1.1	<0.5	35	10.8	19.6	<0.5	27	0.11	0.048			
3202435	Drill Core	4.14	2.5	24.8	33.8	3964	2.3	66.0	6.9	695	3.82	57	1.4	0.5	48	17.8	32.3	<0.5	29	0.19	0.093			
3202436	Drill Core	5.23	1.6	16.9	34.9	4290	1.6	38.1	5.0	761	3.43	62	0.9	<0.5	33	15.8	21.5	<0.5	23	0.11	0.050			
3202437	Drill Core	4.19	1.3	23.4	29.5	16991	1.6	27.7	3.9	675	2.92	34	0.7	<0.5	27	78.3	18.9	<0.5	24	0.09	0.043			
3202438	Drill Core	4.63	0.8	44.9	61.1	24959	3.6	46.7	5.7	477	5.03	173	0.5	<0.5	24	113.8	39.1	<0.5	17	0.08	0.036			
3202439	Drill Core	3.08	1.7	24.1	40.6	1811	1.6	41.9	5.2	569	2.91	32	1.6	0.6	45	9.7	21.9	<0.5	34	0.16	0.082			
3202440	Rock Pulp	0.06	2.6	222.8	17996.9	30480	34.8	25.8	20.2	1794	5.48	88	1.5	6.9	25	98.9	51.2	<0.5	11	5.26	0.062			



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	Method Analyte Unit MDL	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF725	LF725	LF725	LF725	LF725
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	SiO2	Al2O3	Fe2O3	CaO	MgO
		ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	%	%
		0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01	0.01	0.01	0.01	0.01
3202411	Drill Core	2.9	20.1	0.18	115	0.001	0.33	<0.01	0.11	<0.5	6.30	4.8	<0.5	0.65	<5	<2	73.77	8.10	8.27	0.24	0.38
3202412	Drill Core	2.4	22.2	0.21	138	0.001	0.36	<0.01	0.10	<0.5	7.42	5.5	<0.5	0.76	<5	<2	71.92	7.63	9.67	0.20	0.43
3202413	Drill Core	1.2	28.6	0.47	101	0.001	0.42	<0.01	0.07	<0.5	18.06	12.2	<0.5	1.66	<5	3	52.90	4.82	22.96	0.43	0.87
3202414	Drill Core	2.3	20.7	0.26	97	0.002	0.37	<0.01	0.08	<0.5	10.96	6.5	<0.5	1.22	<5	<2	68.94	7.02	10.73	0.23	0.48
3202415	Drill Core	2.3	21.2	0.24	91	0.001	0.39	<0.01	0.08	<0.5	13.42	6.0	<0.5	1.39	<5	<2	69.68	6.55	11.34	0.26	0.45
3202416	Drill Core	2.7	22.6	0.19	101	0.001	0.46	<0.01	0.08	<0.5	5.48	5.9	<0.5	1.25	<5	<2	71.63	7.54	9.92	0.24	0.36
3202417	Drill Core	0.6	34.4	0.08	289	0.001	0.62	<0.01	0.03	<0.5	31.43	3.5	<0.5	2.84	<5	<2	80.84	3.29	5.14	0.32	0.16
3202418	Drill Core	1.1	67.2	0.05	508	0.001	1.14	<0.01	0.04	<0.5	37.51	4.9	0.8	3.46	10	4	75.42	5.23	4.73	0.33	0.12
3202419	Drill Core	1.5	67.1	0.07	100	0.002	1.15	<0.01	0.07	<0.5	1.47	5.7	<0.5	1.31	6	2	81.18	6.71	4.70	0.32	0.17
3202420	Rock	1.5	0.9	1.33	17	0.002	0.03	<0.01	0.02	<0.5	<0.05	0.7	<0.5	<0.05	<5	<2	7.56	0.28	0.15	48.48	4.33
3202421	Drill Core	1.6	31.2	0.03	98	0.001	0.62	<0.01	0.08	<0.5	0.32	2.9	<0.5	1.29	<5	<2	83.98	6.47	3.70	0.23	0.12
3202422	Drill Core	1.5	40.2	0.04	92	0.001	0.75	<0.01	0.06	0.8	0.38	3.1	<0.5	0.91	<5	<2	83.39	6.34	3.82	0.32	0.12
3202423	Drill Core	<0.5	27.5	0.06	51	<0.001	0.37	<0.01	0.03	<0.5	6.41	2.9	<0.5	0.85	<5	2	87.70	2.35	4.25	0.26	0.13
3202424	Drill Core	<0.5	27.9	0.01	62	<0.001	0.35	<0.01	0.03	<0.5	13.06	1.2	<0.5	2.40	<5	3	88.35	2.14	2.93	0.23	0.05
3202425	Drill Core	<0.5	32.2	0.04	49	<0.001	0.42	<0.01	0.03	<0.5	5.19	2.5	<0.5	0.87	<5	<2	89.78	2.55	3.31	0.26	0.11
3202426	Drill Core	<0.5	29.3	0.07	435	<0.001	0.53	<0.01	0.03	<0.5	2.66	3.4	<0.5	0.72	<5	2	86.37	2.51	5.21	0.34	0.14
3202427	Drill Core	<0.5	17.5	0.04	701	<0.001	0.21	<0.01	0.03	<0.5	0.87	1.9	<0.5	0.51	<5	3	91.36	2.03	3.30	0.22	0.10
3202428	Drill Core	<0.5	18.7	0.07	384	<0.001	0.13	<0.01	0.03	<0.5	0.30	2.8	<0.5	0.84	<5	4	88.13	1.75	5.48	0.26	0.13
3202429	Drill Core	1.0	19.2	0.04	2963	0.001	0.28	<0.01	0.04	<0.5	0.61	2.1	<0.5	0.68	<5	4	86.97	3.50	3.87	0.37	0.12
3202430	Drill Core	1.2	20.5	0.06	2849	0.001	0.43	<0.01	0.04	<0.5	4.51	2.3	<0.5	1.48	<5	3	85.34	3.81	4.26	0.26	0.13
3202431	Drill Core	0.6	17.9	0.05	592	<0.001	0.28	<0.01	0.04	<0.5	17.52	1.9	<0.5	1.52	<5	2	87.25	2.84	4.02	0.23	0.12
3202432	Drill Core	<0.5	14.2	0.09	44	<0.001	0.16	<0.01	0.03	<0.5	66.49	3.0	0.6	4.11	5	2	77.61	1.89	6.66	0.12	0.17
3202433	Drill Core	<0.5	16.5	0.10	135	<0.001	0.15	<0.01	0.03	<0.5	24.72	2.3	<0.5	1.52	<5	<2	84.71	1.92	5.83	0.12	0.20
3202434	Drill Core	<0.5	15.5	0.09	1308	<0.001	0.14	<0.01	0.03	<0.5	2.58	2.0	<0.5	0.76	<5	<2	88.05	1.99	5.12	0.17	0.20
3202435	Drill Core	0.8	18.7	0.07	85	0.001	0.29	<0.01	0.04	0.6	4.77	1.7	<0.5	2.03	<5	2	86.70	2.42	5.51	0.27	0.14
3202436	Drill Core	0.6	17.3	0.08	46	<0.001	0.14	<0.01	0.03	<0.5	4.37	1.7	<0.5	1.28	<5	<2	88.25	2.00	4.99	0.16	0.16
3202437	Drill Core	<0.5	14.0	0.07	48	<0.001	0.17	<0.01	0.03	<0.5	18.10	1.3	<0.5	1.41	<5	<2	88.63	1.77	4.29	0.14	0.14
3202438	Drill Core	<0.5	14.6	0.05	59	<0.001	0.17	<0.01	0.03	<0.5	26.19	1.4	2.2	4.78	<5	3	82.20	1.71	6.97	0.11	0.12
3202439	Drill Core	0.8	17.7	0.04	56	0.001	0.25	<0.01	0.04	<0.5	1.95	1.6	<0.5	1.14	<5	3	88.73	2.84	4.21	0.24	0.11
3202440	Rock Pulp	26.1	14.2	2.85	138	0.018	0.97	0.01	0.73	0.8	1.08	3.5	26.4	4.95	<5	<2	43.71	8.73	8.23	7.42	5.40



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MacMillan Pass

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CERTIFICATE OF ANALYSIS

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Method	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC000	TC000	TC005	TC005	TC006	TC010	TC010	LF726
Analyte	K2O	MnO	TiO2	P2O5	Cr2O3	Ba	Cu	Pb	Zn	LOI	SUM_T	V2O5	TOT/C	TOT/S	C/ORG	C/GRA	CO2	S/S-	SO4	Zn
Unit	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
MDL	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-5.11	0.01	0.01	0.02	0.02	0.02	0.02	0.08	0.02	0.15	0.1
3202411 Drill Core	0.97	0.24	0.47	0.15	<0.01	0.11	<0.01	<0.01	0.65	5.94	99.52	0.04	1.77	0.64	0.66	<0.02	4.03	0.45	0.56	
3202412 Drill Core	0.96	0.27	0.47	0.10	<0.01	0.11	<0.01	<0.01	0.79	6.73	99.55	0.05	2.03	0.73	0.72	<0.02	4.76	0.58	0.43	
3202413 Drill Core	0.52	0.69	0.31	0.21	<0.01	0.06	<0.01	<0.01	2.05	13.04	99.42	0.04	4.18	1.66	0.81	<0.02	12.32	1.34	0.96	
3202414 Drill Core	0.81	0.30	0.43	0.15	<0.01	0.10	<0.01	<0.01	1.25	7.26	98.06	0.04	2.16	1.15	0.73	<0.02	5.16	0.90	0.73	
3202415 Drill Core	0.71	0.34	0.42	0.17	<0.01	0.08	<0.01	<0.01	1.49	7.34	99.25	0.04	2.24	1.37	0.76	<0.02	5.37	1.06	0.90	
3202416 Drill Core	0.72	0.29	0.44	0.16	<0.01	0.09	<0.01	<0.01	0.63	6.65	98.87	0.04	1.89	1.15	0.70	<0.02	4.30	0.80	1.05	
3202417 Drill Core	0.28	0.10	0.16	0.34	<0.01	0.05	<0.01	0.01	3.63	4.03	99.30	0.03	0.81	2.85	0.45	<0.02	1.31	2.10	2.27	
3202418 Drill Core	0.40	0.07	0.20	0.54	0.02	0.09	<0.01	0.02	4.96	5.25	98.63	0.04	0.91	3.53	0.58	<0.02	1.20	2.61	2.73	
3202419 Drill Core	0.63	0.11	0.29	0.55	0.01	0.08	<0.01	<0.01	0.19	4.22	99.27	0.05	0.90	1.30	0.61	<0.02	1.01	0.96	1.03	
3202420 Rock	0.09	0.02	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	38.47	99.41	<0.01	11.64	<0.02	1.21	<0.02	38.24	<0.02	<0.15	
3202421 Drill Core	0.73	0.06	0.32	0.27	0.01	0.09	<0.01	<0.01	0.01	3.35	99.43	0.04	0.83	1.22	0.61	0.05	0.64	0.86	1.08	
3202422 Drill Core	0.59	0.08	0.30	0.39	0.01	0.07	<0.01	<0.01	0.03	3.56	99.07	0.05	1.00	0.89	0.74	0.05	0.78	0.63	0.79	
3202423 Drill Core	0.22	0.11	0.09	0.26	<0.01	0.03	<0.01	<0.01	0.85	2.94	99.40	0.02	0.94	0.81	0.53	<0.02	1.45	0.57	0.72	
3202424 Drill Core	0.20	0.03	0.13	0.28	<0.01	0.02	<0.01	<0.01	1.98	2.33	99.21	0.01	0.37	2.25	0.29	<0.02	0.26	1.86	1.17	
3202425 Drill Core	0.20	0.08	0.11	0.28	<0.01	0.03	<0.01	<0.01	0.81	2.62	100.37	0.02	0.84	0.81	0.57	<0.02	0.95	0.57	0.73	
3202426 Drill Core	0.20	0.14	0.09	0.34	0.04	0.06	<0.01	<0.01	0.42	3.38	99.35	0.03	1.03	0.68	0.55	<0.02	1.76	0.41	0.80	
3202427 Drill Core	0.21	0.08	0.09	0.18	0.01	0.09	<0.01	<0.01	0.12	2.18	100.02	0.01	0.86	0.50	0.58	<0.02	1.00	0.31	0.56	
3202428 Drill Core	0.21	0.12	0.11	0.17	<0.01	0.07	<0.01	<0.01	0.02	2.98	99.44	0.02	1.05	0.80	0.56	0.03	1.66	0.59	0.64	
3202429 Drill Core	0.33	0.07	0.19	0.29	<0.01	0.35	<0.01	<0.01	0.05	2.82	99.01	0.03	0.87	0.64	0.58	0.02	0.99	0.42	0.65	
3202430 Drill Core	0.33	0.07	0.22	0.22	<0.01	0.40	<0.01	<0.01	0.57	3.52	99.33	0.02	1.02	1.38	0.73	0.03	0.96	1.00	1.14	
3202431 Drill Core	0.26	0.09	0.13	0.17	<0.01	0.09	<0.01	<0.01	1.80	2.97	100.47	0.02	0.70	1.41	0.37	<0.02	1.18	0.99	1.26	
3202432 Drill Core	0.20	0.15	0.09	0.07	<0.01	0.02	<0.01	0.02	6.01	4.71	99.25	<0.01	0.93	3.96	0.34	<0.02	2.14	2.76	3.61	
3202433 Drill Core	0.21	0.14	0.12	0.07	<0.01	0.04	<0.01	<0.01	2.24	3.58	99.74	<0.01	1.08	1.46	0.52	<0.02	2.06	1.15	0.92	
3202434 Drill Core	0.22	0.13	0.10	0.10	<0.01	0.16	<0.01	<0.01	0.26	3.07	99.80	<0.01	0.91	0.74	0.44	<0.02	1.71	0.51	0.69	
3202435 Drill Core	0.26	0.09	0.12	0.21	<0.01	0.03	<0.01	<0.01	0.39	3.30	99.54	0.01	0.77	1.93	0.45	<0.02	1.13	1.60	0.99	
3202436 Drill Core	0.21	0.10	0.10	0.11	<0.01	0.02	<0.01	<0.01	0.41	2.94	99.57	0.01	0.93	1.27	0.52	<0.02	1.45	0.93	1.02	
3202437 Drill Core	0.20	0.09	0.09	0.10	<0.01	0.03	<0.01	<0.01	1.66	2.62	100.15	<0.01	0.79	1.39	0.41	<0.02	1.37	1.05	1.02	
3202438 Drill Core	0.18	0.06	0.10	0.07	<0.01	0.02	<0.01	<0.01	2.30	3.97	98.39	<0.01	0.55	4.64	0.30	<0.02	0.88	3.83	2.44	
3202439 Drill Core	0.29	0.07	0.18	0.18	<0.01	0.04	<0.01	<0.01	0.17	2.55	99.71	0.02	0.71	1.11	0.42	<0.02	1.04	0.83	0.85	
3202440 Rock Pulp	4.19	0.24	0.28	0.12	<0.01	0.07	0.02	1.86	3.13	15.36	99.86	<0.01	3.54	4.88	0.72	<0.02	10.33	1.40	10.41	



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Project: MacMillan Pass

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CERTIFICATE OF ANALYSIS

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	Method	WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
3202441	Drill Core	1.32	1.5	16.3	45.5	3843	1.5	34.2	5.9	1390	5.19	39	0.6	<0.5	24	13.8	20.8	<0.5	31	0.07	0.023
3202442	Drill Core	1.60	1.6	19.4	47.5	4765	1.8	38.6	6.2	1401	5.45	40	0.6	<0.5	23	18.6	23.3	<0.5	27	0.08	0.026
3202443	Drill Core	3.78	1.6	17.6	28.0	84	0.6	26.5	8.6	2520	7.66	29	0.7	1.6	58	0.5	10.4	<0.5	55	0.15	0.048
3202444	Drill Core	4.03	1.5	23.0	29.7	8968	1.3	21.3	9.2	3121	9.32	30	0.7	1.4	59	41.1	11.0	<0.5	43	0.16	0.048
3202445	Drill Core	4.25	1.5	5.4	34.8	137	<0.5	26.1	8.0	4627	13.52	32	0.7	1.1	49	<0.5	9.5	<0.5	52	0.18	0.038
3202446	Drill Core	5.75	1.7	14.0	35.7	1028	2.2	30.5	8.8	3281	9.68	39	0.9	1.4	64	6.5	10.8	<0.5	62	0.20	0.060
3202447	Drill Core	3.57	0.6	462.7	5445.9	>200000	61.6	39.7	10.2	1374	6.57	245	0.8	1.0	74	1418.1	173.6	<0.5	37	0.20	0.076
3202448	Drill Core	3.66	1.1	268.0	3378.8	195015	38.7	35.1	8.8	2186	7.82	104	0.8	0.8	62	852.9	98.4	<0.5	45	0.18	0.060
3202449	Drill Core	5.55	<0.5	689.0	1879.1	>200000	93.3	39.9	8.9	717	6.02	305	1.1	0.8	77	1998.7	267.6	<0.5	29	0.23	0.101
3202450	Drill Core	4.49	1.5	255.0	77.1	181247	31.9	35.4	9.0	199	2.93	80	1.1	1.3	89	1126.1	104.6	<0.5	23	0.29	0.136



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Project: MacMillan Pass
Report Date: January 15, 2021

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CERTIFICATE OF ANALYSIS

WHI20000541.1

	Method Analyte Unit MDL	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF725	LF725	LF725	LF725	LF725
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	SiO2	Al2O3	Fe2O3	CaO	MgO
		ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	%	%
		0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01	0.01	0.01	0.01	0.01
3202441	Drill Core	<0.5	16.7	0.10	46	<0.001	0.12	<0.01	0.04	<0.5	3.53	2.5	<0.5	1.23	<5	<2	84.37	2.16	7.57	0.12	0.20
3202442	Drill Core	0.5	15.2	0.10	44	<0.001	0.11	<0.01	0.03	<0.5	4.57	2.1	<0.5	1.42	<5	<2	83.43	2.19	7.93	0.12	0.21
3202443	Drill Core	2.6	22.6	0.17	97	0.001	0.33	<0.01	0.08	<0.5	0.17	5.3	<0.5	0.66	<5	<2	70.75	8.51	11.31	0.22	0.34
3202444	Drill Core	1.8	20.9	0.22	81	0.001	0.42	<0.01	0.06	<0.5	8.58	5.0	<0.5	0.79	<5	<2	67.58	7.15	13.79	0.24	0.42
3202445	Drill Core	1.7	21.8	0.31	78	0.001	0.37	<0.01	0.05	<0.5	0.11	5.9	<0.5	0.26	<5	<2	61.12	5.90	19.74	0.26	0.57
3202446	Drill Core	2.2	22.9	0.24	86	0.001	0.39	<0.01	0.07	<0.5	0.93	6.0	<0.5	0.37	<5	<2	67.31	7.26	14.25	0.29	0.48
3202447	Drill Core	1.4	10.6	0.11	71	<0.001	0.21	<0.01	0.05	<0.5	294.68	1.2	1.5	15.50	11	4	41.10	3.68	9.20	0.28	0.24
3202448	Drill Core	1.4	16.4	0.24	73	0.001	0.22	<0.01	0.06	<0.5	215.19	4.2	1.8	10.31	11	5	48.93	3.33	11.03	0.25	0.44
3202449	Drill Core	<0.5	16.2	0.09	62	<0.001	0.28	<0.01	0.03	<0.5	430.21	2.5	2.0	20.68	16	13	31.60	1.42	8.10	0.33	0.19
3202450	Drill Core	1.8	18.9	0.05	67	0.002	0.41	<0.01	0.06	<0.5	177.11	1.3	0.5	9.83	8	6	62.31	2.84	4.11	0.41	0.13



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CERTIFICATE OF ANALYSIS

WHI20000541.1

	Method	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC000	TC000	TC005	TC005	TC006	TC010	TC010	LF726
	Analyte	K2O	MnO	TiO2	P2O5	Cr2O3	Ba	Cu	Pb	Zn	LOI	SUM_T	V2O5	TOT/C	TOT/S	C/ORG	C/GRA	CO2	S/S-	SO4	Zn
	Unit	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	MDL	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-5.11	0.01	0.01	0.02	0.02	0.02	0.02	0.08	0.02	0.15	0.1
3202441	Drill Core	0.26	0.18	0.12	0.05	<0.01	0.03	<0.01	<0.01	0.38	4.20	99.75	0.01	1.33	1.19	0.59	<0.02	2.70	0.91	0.86	
3202442	Drill Core	0.24	0.17	0.11	0.06	<0.01	0.02	<0.01	<0.01	0.46	4.45	99.53	0.01	1.43	1.35	0.66	<0.02	2.77	1.10	0.75	
3202443	Drill Core	0.71	0.32	0.52	0.11	<0.01	0.07	<0.01	<0.01	<0.01	7.09	100.04	0.03	2.19	0.67	0.87	<0.02	4.78	0.50	0.51	
3202444	Drill Core	0.50	0.40	0.46	0.13	0.01	0.06	<0.01	<0.01	0.88	8.11	100.00	0.03	2.56	0.80	0.84	<0.02	6.26	0.58	0.64	
3202445	Drill Core	0.42	0.57	0.37	0.10	0.01	0.06	<0.01	<0.01	0.01	10.81	99.97	0.02	3.77	0.26	1.16	0.04	9.45	0.17	0.27	
3202446	Drill Core	0.61	0.41	0.48	0.15	<0.01	0.07	<0.01	<0.01	0.08	8.47	99.96	0.03	2.79	0.36	0.95	<0.02	6.70	0.25	0.32	
3202447	Drill Core	0.43	0.17	0.31	0.19	<0.01	0.05	0.04	0.52	>24	11.39	100.26	0.02	1.25	15.99	0.50	<0.02	2.73	12.04	11.83	25.6
3202448	Drill Core	0.48	0.27	0.30	0.13	<0.01	0.05	0.02	0.34	19.24	10.67	100.37	0.02	2.05	10.56	0.71	<0.02	4.85	8.92	4.92	
3202449	Drill Core	0.21	0.09	0.20	0.24	<0.01	0.02	0.05	0.19	>24	12.47	99.97	0.01	0.70	21.17	0.35	<0.02	1.22	17.81	10.07	36.1
3202450	Drill Core	0.44	0.03	0.46	0.32	<0.01	0.04	0.01	<0.01	17.50	6.25	99.29	0.02	0.66	10.37	0.51	0.03	0.43	6.56	11.40	



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QUALITY CONTROL REPORT

WHI20000541.1

	Method	WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
3202442	Drill Core	1.60	1.6	19.4	47.5	4765	1.8	38.6	6.2	1401	5.45	40	0.6	<0.5	23	18.6	23.3	<0.5	27	0.08	0.026
Pulp Duplicates																					
3202352	Drill Core	5.15	1.7	43.0	161.4	6514	4.1	116.9	12.4	4198	19.63	418	1.6	<0.5	36	22.6	46.9	<0.5	41	0.20	0.040
REP 3202352	QC																				
3202354	Drill Core	4.97	0.6	20.3	42.2	15231	1.3	27.7	3.5	7496	18.12	25	0.8	<0.5	21	49.9	13.3	<0.5	36	0.22	0.019
REP 3202354	QC																				
3202361	Drill Core	2.97	1.1	344.1	779.8	>200000	42.0	75.2	9.1	2768	10.57	140	1.3	<0.5	27	1045.5	147.2	<0.5	34	0.10	0.019
REP 3202361	QC																				
3202364	Drill Core	4.55	0.7	6.0	26.1	202	0.5	41.8	4.4	6431	14.75	33	<0.5	<0.5	17	<0.5	12.9	<0.5	37	0.21	0.014
REP 3202364	QC																				
3202367	Drill Core	4.03	5.4	40.1	99.8	14928	2.5	92.6	13.8	926	4.27	86	1.3	1.1	66	45.2	30.5	<0.5	37	0.18	0.075
REP 3202367	QC																				
3202373	Drill Core	4.85	0.6	10.2	22.9	1524	0.7	31.7	3.0	5240	12.61	39	<0.5	<0.5	18	3.1	14.4	<0.5	28	0.15	0.015
REP 3202373	QC		0.6	8.0	22.6	1517	0.6	31.0	3.1	5273	12.62	39	<0.5	<0.5	18	3.5	14.5	<0.5	28	0.15	0.017
3202380	Rock	0.55	<0.5	1.6	1.3	39	<0.5	<0.5	<0.5	124	0.07	<5	<0.5	<0.5	76	<0.5	<0.5	<0.5	<10	32.30	0.007
REP 3202380	QC																				
3202384	Drill Core	4.05	1.8	11.4	85.2	408	1.2	62.9	6.9	4913	12.78	81	3.0	<0.5	37	4.2	20.3	<0.5	72	0.19	0.037
REP 3202384	QC																				
3202385	Drill Core	4.39	2.7	32.5	142.8	24637	3.9	79.7	6.6	5015	13.71	108	9.9	<0.5	52	96.9	28.9	<0.5	115	0.19	0.031
REP 3202385	QC																				
3202386	Drill Core	4.25	1.9	23.2	114.7	9397	3.2	84.6	6.1	3245	14.71	212	6.0	<0.5	18	35.3	38.5	<0.5	67	0.13	0.033
REP 3202386	QC																				
3202397	Drill Core	4.37	0.5	21.8	78.7	15781	2.5	50.8	7.4	5906	15.74	71	0.7	<0.5	24	111.5	21.4	<0.5	42	0.17	0.016
REP 3202397	QC																				
3202401	Drill Core	2.26	0.6	42.4	41.1	16705	1.3	30.3	2.9	6331	15.67	33	0.6	<0.5	18	39.0	10.2	<0.5	31	0.16	0.016
REP 3202401	QC																				
3202407	Drill Core	3.91	2.8	19.3	61.0	4185	0.9	42.6	8.2	2623	7.41	42	1.6	1.6	62	19.0	15.3	<0.5	81	0.18	0.061
REP 3202407	QC		2.7	20.8	60.0	4169	1.0	42.2	7.8	2621	7.37	41	1.6	1.4	64	18.5	15.2	<0.5	82	0.18	0.060
3202414	Drill Core	4.16	2.6	44.4	68.0	13014	3.1	43.5	9.4	2382	7.36	52	0.9	1.0	49	61.1	21.2	<0.5	66	0.16	0.054



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	Method Analyte Unit MDL	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF725	LF725	LF725	LF725	LF725
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaO	MgO
		ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	%	%
		0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01	0.01	0.01	0.01	0.01
3202442	Drill Core	0.5	15.2	0.10	44	<0.001	0.11	<0.01	0.03	<0.5	4.57	2.1	<0.5	1.42	<5	<2	83.43	2.19	7.93	0.12	0.21
Pulp Duplicates																					
3202352	Drill Core	<0.5	32.4	0.23	57	0.001	0.33	<0.01	0.03	<0.5	5.74	5.4	0.7	12.45	<5	2	46.44	3.53	29.55	0.28	0.43
REP 3202352	QC																				
3202354	Drill Core	<0.5	22.8	0.44	37	<0.001	0.14	<0.01	0.03	<0.5	8.18	7.3	<0.5	1.14	<5	<2	51.50	1.63	27.70	0.32	0.79
REP 3202354	QC																51.77	1.61	27.71	0.32	0.81
3202361	Drill Core	<0.5	29.0	0.19	21	0.001	0.40	<0.01	0.01	<0.5	145.80	4.0	2.2	17.91	10	8	27.41	1.71	14.74	0.15	0.34
REP 3202361	QC																				
3202364	Drill Core	<0.5	23.4	0.33	40	<0.001	0.08	<0.01	0.03	0.7	0.26	8.2	<0.5	0.46	<5	<2	62.13	1.69	22.54	0.30	0.62
REP 3202364	QC																62.13	1.69	22.50	0.30	0.62
3202367	Drill Core	1.8	20.6	0.07	423	0.002	0.30	<0.01	0.08	<0.5	10.78	2.6	0.6	2.78	<5	4	77.30	6.61	6.42	0.27	0.18
REP 3202367	QC																				
3202373	Drill Core	<0.5	13.3	0.28	38	<0.001	0.09	<0.01	0.03	<0.5	1.01	3.2	<0.5	1.27	<5	<2	67.39	1.78	18.91	0.22	0.55
REP 3202373	QC	<0.5	13.1	0.28	38	<0.001	0.09	<0.01	0.03	<0.5	1.03	3.5	<0.5	1.26	<5	<2					
3202380	Rock	1.3	0.5	1.46	14	0.002	0.02	<0.01	0.01	<0.5	0.07	<0.5	<0.5	<0.05	<5	<2	7.94	0.12	0.19	48.47	4.55
REP 3202380	QC																				
3202384	Drill Core	0.5	21.3	0.28	35	0.001	0.45	<0.01	0.03	<0.5	0.35	4.8	<0.5	1.57	<5	<2	65.44	2.57	19.32	0.27	0.55
REP 3202384	QC																				
3202385	Drill Core	0.7	31.0	0.27	35	<0.001	0.96	<0.01	0.03	<0.5	11.82	5.8	0.6	2.81	<5	<2	59.73	3.13	20.42	0.28	0.50
REP 3202385	QC																				
3202386	Drill Core	<0.5	22.4	0.19	31	0.001	0.72	<0.01	0.02	<0.5	4.21	5.1	<0.5	8.27	<5	<2	60.45	2.60	21.92	0.19	0.36
REP 3202386	QC																60.54	2.60	22.01	0.19	0.38
3202397	Drill Core	<0.5	19.5	0.30	741	<0.001	0.17	<0.01	0.03	<0.5	12.06	5.0	<0.5	2.80	<5	<2	58.34	1.76	23.24	0.23	0.56
REP 3202397	QC																58.21	1.75	23.15	0.25	0.56
3202401	Drill Core	<0.5	17.2	0.33	380	<0.001	0.14	<0.01	0.02	<0.5	14.26	3.7	<0.5	1.33	<5	<2	58.02	1.49	23.30	0.23	0.59
REP 3202401	QC																				
3202407	Drill Core	2.9	24.1	0.21	110	0.001	0.35	<0.01	0.09	<0.5	3.75	6.8	<0.5	0.78	<5	2	69.82	7.66	10.87	0.25	0.42
REP 3202407	QC	3.1	24.9	0.21	115	0.001	0.35	<0.01	0.09	<0.5	3.76	6.0	<0.5	0.77	<5	<2					
3202414	Drill Core	2.3	20.7	0.26	97	0.002	0.37	<0.01	0.08	<0.5	10.96	6.5	<0.5	1.22	<5	<2	68.94	7.02	10.73	0.23	0.48



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	Method	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC000	TC000	TC005	TC005	TC006	TC010	TC010	LF726		
	Analyte	K2O	MnO	TiO2	P2O5	Cr2O3	Ba	Cu	Pb	Zn	LOI	SUM_T	V2O5	TOT/C	TOT/S	C/ORG	C/GRA	CO2	S/S-	SO4	Zn		
	Unit	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%		
	MDL	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-5.11	0.01	0.01	0.02	0.02	0.02	0.02	0.08	0.02	0.15	0.1		
3202442	Drill Core	0.24	0.17	0.11	0.06	<0.01	0.02	<0.01	<0.01	0.46	4.45	99.53	0.01	1.43	1.35	0.66	<0.02	2.77	1.10	0.75			
Pulp Duplicates																							
3202352	Drill Core	0.22	0.52	0.34	0.10	<0.01	0.03	<0.01	0.01	0.65	15.79	98.10	0.02	2.64	12.85	1.37	<0.02	4.59	11.27	4.73			
REP 3202352	QC																	<0.02					
3202354	Drill Core	0.16	0.93	0.09	0.04	<0.01	0.02	<0.01	<0.01	1.56	14.39	99.54	<0.01	4.73	1.08	2.07	<0.02	9.71	0.85	0.71			
REP 3202354	QC	0.16	0.92	0.09	0.04	<0.01	0.02	<0.01	<0.01	1.53	14.39	99.78	0.01										
3202361	Drill Core	0.08	0.33	0.16	0.04	<0.01	<0.01	0.03	0.09	>24	14.36	100.79	0.01	1.72	18.25	0.57	<0.02	4.15	14.39	11.56	32.4		
REP 3202361	QC																					32.5	
3202364	Drill Core	0.17	0.80	0.11	0.02	<0.01	0.02	<0.01	<0.01	0.02	11.53	99.97	0.01	3.85	0.46	1.20	<0.02	9.67	0.27	0.57			
REP 3202364	QC	0.18	0.79	0.11	0.03	<0.01	0.02	<0.01	<0.01	0.02	11.53	99.94	0.01										
3202367	Drill Core	0.76	0.11	0.42	0.18	<0.01	0.13	<0.01	0.01	1.52	5.16	99.55	0.04	1.43	2.73	1.05	0.03	1.29	1.98	2.25			
REP 3202367	QC													1.45	2.78								
3202373	Drill Core	0.19	0.64	0.09	0.03	<0.01	0.03	<0.01	<0.01	0.15	9.70	99.72	<0.01	3.06	1.23	0.90	<0.02	7.87	0.94	0.86			
REP 3202373	QC																						
3202380	Rock	<0.01	0.02	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	38.84	100.17	<0.01	11.00	<0.02	0.45	<0.02	38.65	<0.02	<0.15			
REP 3202380	QC																		38.39				
3202384	Drill Core	0.21	0.63	0.10	0.09	<0.01	0.02	<0.01	<0.01	0.04	10.30	99.58	0.02	3.02	1.46	0.88	<0.02	7.84	1.22	0.73			
REP 3202384	QC																			1.17			
3202385	Drill Core	0.17	0.64	0.09	0.08	<0.01	0.02	<0.01	0.01	2.50	11.60	99.82	0.02	3.16	2.87	0.80	<0.02	8.66	2.30	1.72			
REP 3202385	QC																	<0.02					
3202386	Drill Core	0.16	0.42	0.08	0.07	<0.01	0.02	<0.01	<0.01	0.96	11.76	99.26	0.02	2.10	8.40	0.60	<0.02	5.49	6.57	5.48			
REP 3202386	QC	0.15	0.43	0.08	0.07	<0.01	0.02	<0.01	0.01	0.96	11.76	99.44	0.02										
3202397	Drill Core	0.20	0.73	0.08	0.05	<0.01	0.10	<0.01	<0.01	1.58	12.25	99.53	<0.01	3.56	2.75	0.84	<0.02	9.98	2.20	1.66			
REP 3202397	QC	0.20	0.75	0.08	0.04	<0.01	0.10	<0.01	<0.01	1.58	12.25	99.31	0.01										
3202401	Drill Core	0.17	0.81	0.08	0.03	<0.01	0.05	<0.01	<0.01	1.68	12.19	99.07	0.01	3.84	1.29	0.67	<0.02	11.65	0.88	1.22			
REP 3202401	QC													3.92	1.32								
3202407	Drill Core	0.83	0.34	0.47	0.15	<0.01	0.09	<0.01	<0.01	0.42	7.27	98.80	0.04	2.24	0.76	0.75	<0.02	5.42	0.51	0.76			
REP 3202407	QC																						
3202414	Drill Core	0.81	0.30	0.43	0.15	<0.01	0.10	<0.01	<0.01	1.25	7.26	98.06	0.04	2.16	1.15	0.73	<0.02	5.16	0.90	0.73			



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		WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
REP 3202414	QC																				
3202420	Rock	1.21	<0.5	<0.5	1.1	6	<0.5	<0.5	<0.5	159	0.08	<5	<0.5	<0.5	81	<0.5	<0.5	<0.5	<10	33.22	0.009
REP 3202420	QC																				
3202430	Drill Core	3.77	3.4	42.2	66.1	5953	2.1	72.5	6.6	603	3.00	74	3.3	0.6	55	24.4	36.1	<0.5	51	0.18	0.101
REP 3202430	QC																				
3202431	Drill Core	3.23	1.1	48.0	98.9	18681	2.8	57.8	7.0	665	2.74	71	3.3	<0.5	51	57.9	28.1	<0.5	34	0.15	0.087
REP 3202431	QC																				
3202435	Drill Core	4.14	2.5	24.8	33.8	3964	2.3	66.0	6.9	695	3.82	57	1.4	0.5	48	17.8	32.3	<0.5	29	0.19	0.093
REP 3202435	QC																				
3202440	Rock Pulp	0.06	2.6	222.8	17996.9	30480	34.8	25.8	20.2	1794	5.48	88	1.5	6.9	25	98.9	51.2	<0.5	11	5.26	0.062
REP 3202440	QC		2.6	226.9	18088.2	30838	35.8	25.7	20.9	1810	5.53	90	1.6	6.9	25	99.2	52.2	<0.5	11	5.32	0.059
3202447	Drill Core	3.57	0.6	462.7	5445.9	>200000	61.6	39.7	10.2	1374	6.57	245	0.8	1.0	74	1418.1	173.6	<0.5	37	0.20	0.076
REP 3202447	QC																				
Core Reject Duplicates																					
3202375	Drill Core	4.31	1.2	13.7	155.9	5928	1.3	35.6	3.5	6823	14.43	26	0.6	<0.5	26	16.1	12.4	<0.5	37	0.19	0.027
DUP 3202375	QC		1.2	14.6	143.5	5871	1.2	35.7	3.6	6904	14.57	27	<0.5	<0.5	24	16.0	11.9	<0.5	37	0.19	0.026
3202409	Drill Core	4.60	2.4	16.5	50.4	1086	0.8	38.5	7.3	3266	9.27	36	1.0	1.3	67	5.3	11.7	<0.5	96	0.20	0.065
DUP 3202409	QC		2.6	16.0	50.9	1170	1.1	39.3	7.2	3358	9.42	37	1.1	1.3	66	5.6	12.6	<0.5	96	0.20	0.063
3202443	Drill Core	3.78	1.6	17.6	28.0	84	0.6	26.5	8.6	2520	7.66	29	0.7	1.6	58	0.5	10.4	<0.5	55	0.15	0.048
DUP 3202443	QC		1.6	18.3	27.5	84	0.7	25.7	9.3	2502	7.56	29	0.7	1.7	53	<0.5	10.6	<0.5	56	0.15	0.046
Reference Materials																					
STD COO2	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD CZN-4	Standard																				
STD GGC-09	Standard																				



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		AQ270 La ppm 0.5	AQ270 Cr ppm 0.5	AQ270 Mg % 0.01	AQ270 Ba ppm 5	AQ270 Ti % 0.001	AQ270 Al % 0.01	AQ270 Na % 0.01	AQ270 K % 0.01	AQ270 W ppm 0.5	AQ270 Hg ppm 0.05	AQ270 Sc ppm 0.5	AQ270 Ti ppm 0.5	AQ270 S % 0.05	AQ270 Ga ppm 5	AQ270 Se ppm 2	LF725 SiO2 % 0.01	LF725 Al2O3 % 0.01	LF725 Fe2O3 % 0.01	LF725 CaO % 0.01	LF725 MgO % 0.01
REP 3202414	QC																				
3202420	Rock	1.5	0.9	1.33	17	0.002	0.03	<0.01	0.02	<0.5	<0.05	0.7	<0.5	<0.05	<5	<2	7.56	0.28	0.15	48.48	4.33
REP 3202420	QC																7.63	0.30	0.16	48.46	4.34
3202430	Drill Core	1.2	20.5	0.06	2849	0.001	0.43	<0.01	0.04	<0.5	4.51	2.3	<0.5	1.48	<5	3	85.34	3.81	4.26	0.26	0.13
REP 3202430	QC																				
3202431	Drill Core	0.6	17.9	0.05	592	<0.001	0.28	<0.01	0.04	<0.5	17.52	1.9	<0.5	1.52	<5	2	87.25	2.84	4.02	0.23	0.12
REP 3202431	QC																87.12	2.84	4.04	0.23	0.11
3202435	Drill Core	0.8	18.7	0.07	85	0.001	0.29	<0.01	0.04	0.6	4.77	1.7	<0.5	2.03	<5	2	86.70	2.42	5.51	0.27	0.14
REP 3202435	QC																				
3202440	Rock Pulp	26.1	14.2	2.85	138	0.018	0.97	0.01	0.73	0.8	1.08	3.5	26.4	4.95	<5	<2	43.71	8.73	8.23	7.42	5.40
REP 3202440	QC	27.4	15.0	2.89	147	0.019	0.99	0.01	0.74	0.7	1.02	3.6	27.1	5.03	<5	<2					
3202447	Drill Core	1.4	10.6	0.11	71	<0.001	0.21	<0.01	0.05	<0.5	294.68	1.2	1.5	15.50	11	4	41.10	3.68	9.20	0.28	0.24
REP 3202447	QC																				
Core Reject Duplicates																					
3202375	Drill Core	0.5	13.5	0.34	47	<0.001	0.18	<0.01	0.03	<0.5	3.74	5.5	<0.5	0.66	<5	<2	60.86	2.37	21.83	0.27	0.65
DUP 3202375	QC	<0.5	14.3	0.34	47	<0.001	0.19	<0.01	0.03	<0.5	3.52	5.6	<0.5	0.65	<5	<2	60.33	2.38	22.04	0.27	0.65
3202409	Drill Core	2.9	23.4	0.29	144	0.001	0.34	<0.01	0.10	<0.5	0.99	7.8	<0.5	0.42	<5	<2	65.31	7.90	13.79	0.29	0.57
DUP 3202409	QC	2.8	23.2	0.30	158	0.001	0.34	<0.01	0.10	<0.5	1.10	7.7	<0.5	0.43	<5	<2	65.59	7.90	14.00	0.29	0.59
3202443	Drill Core	2.6	22.6	0.17	97	0.001	0.33	<0.01	0.08	<0.5	0.17	5.3	<0.5	0.66	<5	<2	70.75	8.51	11.31	0.22	0.34
DUP 3202443	QC	2.6	22.3	0.17	95	0.001	0.34	<0.01	0.08	<0.5	0.16	5.3	<0.5	0.65	<5	<2	70.66	8.52	11.21	0.21	0.34
Reference Materials																					
STD COO2	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				
STD CZN-4	Standard																				
STD GGC-09	Standard																				



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		LF725 K2O %	LF725 MnO %	LF725 TiO2 %	LF725 P2O5 %	LF725 Cr2O3 %	LF725 Ba %	LF725 Cu %	LF725 Pb %	LF725 Zn %	LF725 LOI %	LF725 SUM_T %	LF725 V2O5 %	TC000 TOT/C %	TC000 TOT/S %	TC005 C/ORG %	TC005 C/GRA %	TC006 CO2 %	TC010 S/S- %	TC010 SO4 %	LF726 Zn %
		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-5.11	0.01	0.01	0.02	0.02	0.02	0.02	0.08	0.02	0.15	0.1
REP 3202414	QC																	5.06			
3202420	Rock	0.09	0.02	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	38.47	99.41	<0.01	11.64	<0.02	1.21	<0.02	38.24	<0.02	<0.15	
REP 3202420	QC	0.09	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	38.47	99.51	<0.01				<0.02		<0.02		
3202430	Drill Core	0.33	0.07	0.22	0.22	<0.01	0.40	<0.01	<0.01	0.57	3.52	99.33	0.02	1.02	1.38	0.73	0.03	0.96	1.00	1.14	
REP 3202430	QC																	0.03			
3202431	Drill Core	0.26	0.09	0.13	0.17	<0.01	0.09	<0.01	<0.01	1.80	2.97	100.47	0.02	0.70	1.41	0.37	<0.02	1.18	0.99	1.26	
REP 3202431	QC	0.26	0.09	0.13	0.18	<0.01	0.09	<0.01	<0.01	1.79	2.97	100.33	0.02								
3202435	Drill Core	0.26	0.09	0.12	0.21	<0.01	0.03	<0.01	<0.01	0.39	3.30	99.54	0.01	0.77	1.93	0.45	<0.02	1.13	1.60	0.99	
REP 3202435	QC													0.78	1.99						
3202440	Rock Pulp	4.19	0.24	0.28	0.12	<0.01	0.07	0.02	1.86	3.13	15.36	99.86	<0.01	3.54	4.88	0.72	<0.02	10.33	1.40	10.41	
REP 3202440	QC																				
3202447	Drill Core	0.43	0.17	0.31	0.19	<0.01	0.05	0.04	0.52	>24	11.39	100.26	0.02	1.25	15.99	0.50	<0.02	2.73	12.04	11.83	25.6
REP 3202447	QC																	2.68			
Core Reject Duplicates																					
3202375	Drill Core	0.24	0.84	0.12	0.06	<0.01	0.03	<0.01	<0.01	0.61	11.49	99.56	0.02	3.76	0.64	0.96	<0.02	10.24	0.43	0.61	
DUP 3202375	QC	0.25	0.84	0.10	0.05	<0.01	0.03	<0.01	<0.01	0.59	11.58	99.30	0.01	3.85	0.64	1.20	<0.02	9.66	0.49	0.46	
3202409	Drill Core	0.93	0.44	0.47	0.17	<0.01	0.11	<0.01	<0.01	0.11	8.82	99.00	0.05	2.78	0.41	0.68	0.14	7.14	0.28	0.40	
DUP 3202409	QC	0.92	0.43	0.47	0.16	<0.01	0.11	<0.01	<0.01	0.11	8.87	99.59	0.05	2.85	0.42	0.77	0.03	7.54	0.22	0.62	
3202443	Drill Core	0.71	0.32	0.52	0.11	<0.01	0.07	<0.01	<0.01	<0.01	7.09	100.04	0.03	2.19	0.67	0.87	<0.02	4.78	0.50	0.51	
DUP 3202443	QC	0.71	0.32	0.53	0.12	0.01	0.08	<0.01	<0.01	<0.01	7.07	99.82	0.03	2.14	0.64	0.85	0.02	4.67	0.50	0.42	
Reference Materials																					
STD COO2	Standard																	3.63			
STD COO2	Standard																	3.71			
STD COO2	Standard																	3.35			
STD COO2	Standard																	3.27			
STD COO2	Standard																	3.40			
STD COO2	Standard																	3.49			
STD CZN-4	Standard																				55.5
STD GGC-09	Standard																	2.43			



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		WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01
STD GGC-09	Standard																			
STD GGC-09	Standard																			
STD GGC-09	Standard																			
STD GGC-10	Standard																			
STD GGC-10	Standard																			
STD GGC-10	Standard																			
STD GGC-10	Standard																			
STD GGC-10	Standard																			
STD GS311-1	Standard																			
STD GS311-1	Standard																			
STD GS311-1	Standard																			
STD GS314-1	Standard																			
STD GS910-4	Standard																			
STD GS910-4	Standard																			
STD GS910-4	Standard																			
STD OREAS135	Standard		8.4	296.0	16692.3	28692	54.6	36.1	30.1	3999	8.98	963	9.6	10.7	29	70.5	39.8	5.5	34	1.84
STD OREAS133B(D)	Standard																			
STD OREAS133B(D)	Standard																			
STD OREAS133B(D)	Standard																			
STD OREAS605	Standard		4.5	46857.6	917.9	2101	961.4	1510.5	99.1	81	3.62	1754	1.0	2.5	54	14.0	289.0	20.2	<10	0.18
STD OREAS605	Standard		4.9	48541.5	836.3	2169	967.0	1548.2	95.6	86	3.65	1691	1.0	2.6	54	13.9	295.9	20.4	<10	0.18
STD OREAS605	Standard		4.6	48389.8	852.4	2144	975.1	1531.7	98.0	84	3.60	1714	0.9	2.4	54	14.0	295.4	20.0	<10	0.18
STD OREAS72B	Standard																			
STD OREAS72B	Standard																			
STD OREAS72B	Standard																			
STD OREAS927-AR	Standard		1.0	10588.8	222.8	717	6.7	30.7	31.1	1099	8.15	13	1.9	13.4	14	1.1	1.4	69.7	33	0.31
STD OREAS927-AR	Standard		1.1	10893.1	221.3	710	6.6	29.0	28.2	1072	8.15	12	1.6	12.4	14	1.0	1.5	68.9	34	0.30
STD RTS-3A	Standard																			
STD RTS-3A	Standard																			
STD RTS-3A	Standard																			



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		AQ270 La ppm 0.5	AQ270 Cr ppm 0.5	AQ270 Mg % 0.01	AQ270 Ba ppm 5	AQ270 Ti % 0.001	AQ270 Al % 0.01	AQ270 Na % 0.01	AQ270 K % 0.01	AQ270 W ppm 0.5	AQ270 Hg ppm 0.05	AQ270 Sc ppm 0.5	AQ270 Ti ppm 0.5	AQ270 S % 0.05	AQ270 Ga ppm 5	AQ270 Se ppm 2	LF725 SiO2 % 0.01	LF725 Al2O3 % 0.01	LF725 Fe2O3 % 0.01	LF725 CaO % 0.01	LF725 MgO % 0.01
STD GGC-09	Standard																				
STD GGC-09	Standard																				
STD GGC-09	Standard																				
STD GGC-10	Standard																				
STD GGC-10	Standard																				
STD GGC-10	Standard																				
STD GGC-10	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS314-1	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD OREAS135	Standard	41.1	22.1	0.83	443	0.029	1.15	0.02	0.57	2.8	1.16	3.9	6.4	7.28	<5	<2					
STD OREAS133B(D)	Standard																33.57	6.78	11.57	5.27	3.77
STD OREAS133B(D)	Standard																33.49	6.84	11.55	5.29	3.80
STD OREAS133B(D)	Standard																33.85	6.89	11.54	5.31	3.80
STD OREAS605	Standard	7.9	30.5	0.03	181	0.011	0.75	0.03	0.14	7.0	1.65	1.1	15.1	7.66	6	71					
STD OREAS605	Standard	7.9	30.4	0.03	195	0.010	0.74	0.03	0.14	6.5	1.68	1.0	15.3	7.71	7	74					
STD OREAS605	Standard	7.5	29.0	0.03	212	0.011	0.71	0.03	0.15	6.7	1.68	1.6	14.9	7.71	7	78					
STD OREAS72B	Standard																51.14	8.98	9.88	3.98	16.13
STD OREAS72B	Standard																51.17	8.98	9.88	3.97	16.03
STD OREAS72B	Standard																51.11	8.97	9.88	3.97	16.03
STD OREAS927-AR	Standard	29.7	42.4	1.96	48	0.091	3.24	<0.01	0.25	5.3	0.07	4.6	<0.5	1.81	9	15					
STD OREAS927-AR	Standard	27.9	40.7	1.90	45	0.086	3.22	<0.01	0.28	4.6	0.12	4.2	<0.5	1.83	9	16					
STD RTS-3A	Standard																				
STD RTS-3A	Standard																				
STD RTS-3A	Standard																				



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		LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	LF725	TC000	TC000	TC005	TC005	TC006	TC010	TC010	LF726		
		K2O	MnO	TiO2	P2O5	Cr2O3	Ba	Cu	Pb	Zn	LOI	SUM_T	V2O5	TOT/C	TOT/S	C/ORG	C/GRA	CO2	S/S-	SO4	Zn	
		%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-5.11	0.01	0.01	0.02	0.02	0.02	0.02	0.08	0.02	0.15	0.1	
STD GGC-09	Standard																2.31					
STD GGC-09	Standard																2.12					
STD GGC-09	Standard																2.35					
STD GGC-10	Standard																4.93					
STD GGC-10	Standard																5.10					
STD GGC-10	Standard																4.82					
STD GGC-10	Standard																4.80					
STD GS311-1	Standard													1.05	2.30							
STD GS311-1	Standard													1.01	2.29							
STD GS311-1	Standard													0.98	2.31							
STD GS314-1	Standard													1.39	29.76							
STD GS910-4	Standard													2.86	8.33							
STD GS910-4	Standard													2.74	8.08							
STD GS910-4	Standard													2.68	8.36							
STD OREAS135	Standard																					
STD OREAS133B(D)	Standard	3.47	0.16	0.22	0.09	<0.01	0.09	0.02	5.06	11.35	13.03	97.83	<0.01									
STD OREAS133B(D)	Standard	3.46	0.16	0.21	0.08	0.01	0.07	0.03	5.07	11.36	13.03	97.77	<0.01									
STD OREAS133B(D)	Standard	3.44	0.15	0.22	0.09	0.01	0.07	0.03	5.05	11.32	13.03	98.17	<0.01									
STD OREAS605	Standard																					
STD OREAS605	Standard																					
STD OREAS605	Standard																					
STD OREAS72B	Standard	1.33	0.14	0.34	0.06	0.14	0.03	0.02	<0.01	0.01	5.04	98.53	0.01									
STD OREAS72B	Standard	1.32	0.14	0.35	0.06	0.14	0.03	0.02	<0.01	0.01	5.21	98.62	0.02									
STD OREAS72B	Standard	1.32	0.13	0.35	0.06	0.14	0.03	0.02	<0.01	<0.01	5.25	98.58	0.01									
STD OREAS927-AR	Standard																					
STD OREAS927-AR	Standard																					
STD RTS-3A	Standard																		6.70			
STD RTS-3A	Standard																		6.84			
STD RTS-3A	Standard																		7.01			



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		WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001
STD RTS-3A	Standard																				
STD SY-4(D)	Standard																				
STD SY-4(D)	Standard																				
STD SY-4(D)	Standard																				
STD GS314-1 Expected																					
STD OREAS135 Expected			8.25	294	17000	28000	55.2	36	29.6	3960	8.97	937	9.4	10.4	26.5	67	38	5.1	33.4	1.83	0.086
STD SY-4(D) Expected																					
STD OREAS72B Expected																					
STD OREAS133B(D) Expected																					
STD OREAS605 Expected			4.75	49800	856	2170	984	1568	96	83.44	3.6707	1674	0.9		49	13.6	290	19	7.8	0.182	0.0105
STD OREAS927-AR Expected			1.06	10715	203	726	4.9	30.9	29.4	1110	8.15	13.5	1.7	12.5	13.1	1.1	1.3	66	34	0.3	0.054
STD CZN-4 Expected																					
STD GS311-1 Expected																					
STD GS910-4 Expected																					
STD RTS-3A Expected																					
STD GGC-10 Expected																					
STD GGC-09 Expected																					
STD COO2 Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank		<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	<0.001
BLK	Blank		<0.5	<0.5	<0.5	15	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	0.001
SI BLK	Blank																				
SI BLK	Blank																				
SI BLK	Blank																				
BLK	Blank		<0.5	<0.5	<0.5	7	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	<0.01	<0.001
BLK	Blank																				
BLK	Blank																				
SI BLK	Blank																				



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		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF725	LF725	LF725	LF725	LF725
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	SiO2	Al2O3	Fe2O3	CaO	MgO
		ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	%	%
		0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01	0.01	0.01	0.01	0.01
STD RTS-3A	Standard																				
STD SY-4(D)	Standard																49.97	20.78	6.22	7.99	0.53
STD SY-4(D)	Standard																49.80	20.73	6.20	7.95	0.53
STD SY-4(D)	Standard																49.88	20.83	6.18	8.00	0.54
STD GS314-1 Expected																					
STD OREAS135 Expected		39.8	22	0.833	366	0.026	1.09	0.017	0.487	2.93	1.21	3.51	6.27	7.08	4.8						
STD SY-4(D) Expected																	49.9	20.69	6.21	8.05	0.54
STD OREAS72B Expected																	51.17	8.97	9.724	3.96	15.933
STD OREAS133B(D) Expected																	33.83	6.91	11.67	5.4	3.73
STD OREAS605 Expected		7.5	28.8	0.0289	222	0.0103	0.73	0.0328	0.134	7.1	1.7	1.3	15.5	7.86	6.7	77					
STD OREAS927-AR Expected		26.9	41.7	1.94	51.4	0.085	3.25	0.011	0.27	4.9	0.12	4.74		1.77	9.09	15.5					
STD CZN-4 Expected																					
STD GS311-1 Expected																					
STD GS910-4 Expected																					
STD RTS-3A Expected																					
STD GGC-10 Expected																					
STD GGC-09 Expected																					
STD COO2 Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.5	<0.5	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	<0.05	<0.5	<0.5	<0.05	<5	<2					
BLK	Blank	<0.5	<0.5	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	0.20	<0.5	<0.5	<0.05	<5	<2					
SI BLK	Blank																99.01	0.30	<0.01	0.02	<0.01
SI BLK	Blank																98.98	0.30	0.02	0.02	0.02
SI BLK	Blank																99.40	0.31	0.02	0.02	0.02
BLK	Blank	<0.5	<0.5	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	<0.05	<0.5	<0.5	<0.05	<5	<2					
BLK	Blank																				
BLK	Blank																				
SI BLK	Blank																				



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		LF725 K2O %	LF725 MnO %	LF725 TiO2 %	LF725 P2O5 %	LF725 Cr2O3 %	LF725 Ba %	LF725 Cu %	LF725 Pb %	LF725 Zn %	LF725 LOI %	LF725 SUM_T %	LF725 V2O5 %	TC000 TOT/C %	TC000 TOT/S %	TC005 C/ORG %	TC005 C/GRA %	TC006 CO2 %	TC010 S/S- %	TC010 SO4 %	LF726 Zn %	
		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-5.11	0.01	0.01	0.02	0.02	0.02	0.02	0.08	0.02	0.15	0.1	
STD RTS-3A	Standard	6.38																				
STD SY-4(D)	Standard	1.66	0.11	0.30	0.14	<0.01	0.03	<0.01	<0.01	0.01	4.56	99.50	<0.01									
STD SY-4(D)	Standard	1.66	0.11	0.30	0.13	<0.01	0.04	<0.01	<0.01	0.01	4.56	99.24	<0.01									
STD SY-4(D)	Standard	1.66	0.11	0.30	0.14	<0.01	0.04	<0.01	<0.01	<0.01	4.56	99.41	<0.01									
STD GS314-1 Expected														1.41	29.11							
STD OREAS135 Expected																						
STD SY-4(D) Expected		1.66	0.108	0.287	0.131	0.0345						4.56										
STD OREAS72B Expected		1.313	0.13	0.355	0.061	0.142	0.0335	0.0193				5.12										
STD OREAS133B(D) Expected							0.08	0.032	5.06	11.35												
STD OREAS605 Expected																						
STD OREAS927-AR Expected																						
STD CZN-4 Expected		55.07																				
STD GS311-1 Expected														1.02	2.35							
STD GS910-4 Expected														2.65	8.27							
STD RTS-3A Expected																				7		
STD GGC-10 Expected																		4.79				
STD GGC-09 Expected																		2.41				
STD COO2 Expected																		3.43				
BLK	Blank													<0.02	<0.02							
BLK	Blank																	<0.02				
BLK	Blank																					
BLK	Blank																					
SI BLK	Blank	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.00	99.33	<0.01									
SI BLK	Blank	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.00	99.32	<0.01									
SI BLK	Blank	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.00	99.76	<0.01									
BLK	Blank																					
BLK	Blank																			<0.02		
BLK	Blank																	<0.02				
SI BLK	Blank	<0.1																				



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		WGHT	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
Prep Wash																				
ROCK-WHI	Prep Blank		0.8	2.1	1.2	29	<0.5	0.9	3.4	389	1.66	<5	<0.5	2.3	23	<0.5	<0.5	<0.5	21	0.68
ROCK-WHI	Prep Blank		0.6	1.4	1.0	27	<0.5	0.8	3.4	394	1.71	<5	<0.5	2.4	26	<0.5	<0.5	<0.5	20	0.62



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		AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	AQ270	LF725	LF725	LF725	LF725	LF725
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	SiO2	Al2O3	Fe2O3	CaO	MgO
		ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	%	%
		0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.05	5	2	0.01	0.01	0.01	0.01	0.01
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
ROCK-WHI	Prep Blank	7.4	4.2	0.39	54	0.093	0.86	0.07	0.09	<0.5	<0.05	2.8	<0.5	<0.05	<5	<2	71.84	14.03	2.93	2.36	0.79
ROCK-WHI	Prep Blank	7.7	4.4	0.40	61	0.093	0.85	0.08	0.09	<0.5	<0.05	3.2	<0.5	<0.05	<5	<2	71.38	13.93	2.98	2.22	0.82



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		LF725 K2O %	LF725 MnO %	LF725 TiO2 %	LF725 P2O5 %	LF725 Cr2O3 %	LF725 Ba %	LF725 Cu %	LF725 Pb %	LF725 Zn %	LF725 LOI %	LF725 SUM_T %	LF725 V2O5 %	TC000 TOT/C %	TC000 TOT/S %	TC005 C/ORG %	TC005 C/GRA %	TC006 CO2 %	TC010 S/S- %	TC010 SO4 %	LF726 Zn %
		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-5.11	0.01	0.01	0.02	0.02	0.02	0.02	0.08	0.02	0.15	0.1
BLK	Blank	<0.02																			
BLK	Blank	<0.02																			
BLK	Blank	<0.02 <0.02																			
BLK	Blank	<0.02 <0.02																			
BLK	Blank	<0.02																			
BLK	Blank	<0.02																			
BLK	Blank	<0.02																			
BLK	Blank	<0.08																			
BLK	Blank	<0.08																			
BLK	Blank	<0.08																			
Prep Wash																					
ROCK-WHI	Prep Blank	1.96	0.07	0.33	0.08	<0.01	0.07	<0.01	<0.01	<0.01	0.80	99.87	<0.01	0.06	<0.02	<0.02	<0.02	0.21	<0.02	<0.15	
ROCK-WHI	Prep Blank	1.97	0.07	0.32	0.09	<0.01	0.07	<0.01	<0.01	<0.01	0.82	99.20	0.01	0.06	<0.02	<0.02	<0.02	0.16	<0.02	<0.15	