



BUREAU VERITAS MINERAL LABORATORIES
Canada

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: Kreft, Bernie
1 Locust Place
Whitehorse Yukon Y1A 5G9 Canada

Submitted By: Cole Mooney
Receiving Lab: Canada-Whitehorse
Received: June 15, 2021
Analysis Start: June 25, 2021
Report Date: July 27, 2021
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CERTIFICATE OF ANALYSIS

WHI21000106.1

CLIENT JOB INFORMATION

Project: Grabben
Shipment ID: NA
P.O. Number
Number of Samples: 126

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
PICKUP-RJT Client to Pickup Rejects

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	123	Crush, split and pulverize 250 g rock to 200 mesh			WHI
FA430	126	Lead Collection Fire Assay Fusion - AAS Finish	30	Completed	VAN
AQ300	126	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN
SLBHP	3	Sort, label and box pulps			WHI
SHP01	126	Per sample shipping charges for branch shipments			VAN
FA530-Ag	1	Lead collection fire assay fusion - Grav finish	30	Completed	VAN

ADDITIONAL COMMENTS

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: Kestrel Gold
#208 - 110 12th Ave. SW
Calgary Alberta T2G 0R7
Canada

CC: Bernie Kreft



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	WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	8	2	1	0.5	3	3	1	0.01	
3823813	Rock Chip	1.01	0.007	<1	53	7	1	0.3	1	<1	16	2.14	134	<8	10	8	<0.5	<3	<3	6	<0.01
3823814	Rock Chip	1.27	0.006	1	30	7	1	0.4	1	<1	16	1.35	47	<8	11	11	<0.5	<3	<3	7	<0.01
3823815	Rock Chip	1.21	0.007	<1	21	<3	1	<0.3	2	<1	17	1.14	39	<8	15	14	<0.5	<3	<3	7	<0.01
3823816	Rock Chip	1.92	0.005	<1	33	<3	2	0.4	<1	<1	13	1.39	155	<8	19	10	<0.5	<3	<3	6	<0.01
3823817	Rock Chip	1.48	0.008	1	80	<3	4	<0.3	1	<1	11	2.46	230	<8	19	6	<0.5	<3	<3	9	<0.01
3823818	Rock Chip	1.84	0.007	<1	57	<3	3	<0.3	1	<1	11	1.38	81	<8	21	6	<0.5	<3	<3	7	<0.01
3823819	Rock Chip	1.77	0.016	<1	77	4	6	0.5	1	<1	30	2.56	180	<8	17	5	<0.5	<3	<3	8	<0.01
3823820	Rock Pulp	0.13	1.383	593	5549	2518	578	19.1	168	20	711	3.44	31	<8	4	71	7.4	22	<3	50	2.11
3823821	Rock Chip	1.80	0.013	1	26	17	3	4.4	1	<1	30	1.07	69	<8	8	5	<0.5	5	<3	5	<0.01
3823822	Rock Chip	1.58	0.157	2	58	664	4	67.8	2	<1	31	2.00	566	<8	8	20	<0.5	27	<3	6	<0.01
3823823	Rock Chip	1.03	0.666	2	218	832	6	>100	3	8	36	1.53	3789	<8	5	29	<0.5	37	38	4	<0.01
3823824	Rock Chip	1.70	0.180	1	73	101	4	23.6	2	4	14	1.24	1109	<8	17	16	<0.5	12	8	5	<0.01
3823825	Rock Chip	1.56	0.371	1	84	124	4	23.1	2	7	18	1.14	1768	<8	12	11	<0.5	9	10	5	<0.01
3823826	Rock Chip	2.74	0.024	1	21	26	2	4.5	1	<1	18	0.86	161	<8	9	6	<0.5	3	<3	4	<0.01
3823827	Rock Chip	2.45	0.019	1	36	19	3	3.7	2	<1	16	0.84	109	<8	20	7	<0.5	<3	<3	5	<0.01
3823828	Rock Chip	1.72	0.019	1	162	12	4	2.1	4	<1	14	1.29	54	<8	14	4	<0.5	<3	<3	6	<0.01
3823829	Rock Chip	1.57	0.012	<1	55	8	1	1.5	1	<1	14	1.01	63	<8	16	8	<0.5	<3	<3	6	<0.01
3823830	Rock	1.00	<0.005	<1	2	<3	21	<0.3	<1	3	415	1.80	<2	<8	3	24	<0.5	<3	<3	25	0.64
3823831	Rock Chip	2.00	0.009	<1	28	8	1	1.7	1	<1	14	0.68	73	<8	13	8	<0.5	<3	<3	4	<0.01
3823832	Rock Chip	1.23	0.007	<1	32	6	1	1.4	2	<1	13	0.46	34	<8	21	10	<0.5	<3	<3	5	<0.01
3823833	Rock Chip	2.47	0.054	1	456	14	7	3.0	19	7	30	0.92	90	<8	18	8	<0.5	<3	<3	6	<0.01
3823834	Rock Chip	1.58	0.024	2	708	16	30	2.9	34	17	131	2.60	60	<8	18	7	<0.5	<3	<3	11	<0.01
3823835	Rock Chip	1.98	0.146	<1	129	80	214	13.7	64	20	102	1.89	954	<8	17	8	1.6	15	<3	7	0.02
3823836	Rock Chip	1.97	0.032	<1	49	40	31	2.2	25	20	174	3.44	412	<8	17	10	<0.5	4	<3	9	0.03
3823837	Rock Chip	1.58	0.105	<1	77	77	22	4.5	11	4	16	1.28	1918	<8	15	9	<0.5	10	<3	4	<0.01
3823838	Rock Chip	1.50	0.013	<1	111	8	18	2.2	27	7	53	0.92	119	<8	16	10	2.1	<3	<3	6	<0.01
3823839	Rock Chip	1.43	0.012	<1	89	6	43	1.1	56	15	65	1.24	46	<8	16	6	1.0	<3	<3	7	0.01
3823840	Rock Chip	2.04	0.012	<1	83	9	21	1.6	38	11	80	1.28	51	<8	13	8	0.7	<3	<3	6	0.01
3823841	Rock Chip	1.46	0.017	<1	112	10	8	1.6	25	6	21	0.82	171	<8	13	10	<0.5	<3	<3	6	<0.01
3823842	Rock Chip	1.37	0.022	<1	42	14	21	1.2	21	8	53	1.84	955	<8	15	10	0.8	5	<3	6	<0.01



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Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	FA530
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Ag	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	20	
3823813	Rock Chip	0.020	30	6	0.05	252	0.002	<20	0.69	<0.01	0.42	<2	<0.05	<1	<5	<5	<5	
3823814	Rock Chip	0.016	28	6	0.04	238	0.002	<20	0.64	<0.01	0.42	<2	0.08	<1	<5	<5	<5	
3823815	Rock Chip	0.018	34	7	0.06	290	0.002	<20	0.74	0.01	0.47	<2	0.07	<1	<5	<5	<5	
3823816	Rock Chip	0.020	37	6	0.04	208	<0.001	<20	0.64	0.01	0.40	<2	0.07	<1	<5	<5	<5	
3823817	Rock Chip	0.033	39	6	0.05	191	0.001	<20	0.62	<0.01	0.36	<2	<0.05	<1	<5	<5	<5	
3823818	Rock Chip	0.013	43	6	0.05	231	0.001	<20	0.75	0.01	0.46	<2	<0.05	<1	<5	<5	<5	
3823819	Rock Chip	0.016	29	6	0.03	178	0.002	<20	0.58	<0.01	0.41	<2	0.17	<1	<5	<5	<5	
3823820	Rock Pulp	0.030	10	142	1.64	82	0.090	<20	3.05	0.30	0.15	<2	1.27	<1	<5	13	<5	
3823821	Rock Chip	0.010	24	7	0.04	190	0.002	<20	0.56	<0.01	0.37	<2	0.06	<1	<5	<5	<5	
3823822	Rock Chip	0.024	14	8	0.03	127	0.002	<20	0.35	<0.01	0.23	3	0.13	<1	<5	<5	<5	
3823823	Rock Chip	0.020	9	8	0.02	141	0.002	<20	0.33	<0.01	0.24	5	0.28	<1	<5	<5	<5	150
3823824	Rock Chip	0.013	35	6	0.05	228	0.001	<20	0.67	0.01	0.43	<2	0.13	<1	<5	<5	<5	
3823825	Rock Chip	0.011	27	5	0.04	191	0.001	<20	0.56	<0.01	0.36	<2	0.13	<1	<5	<5	<5	
3823826	Rock Chip	0.008	25	5	0.04	180	0.001	<20	0.54	<0.01	0.36	<2	0.06	<1	<5	<5	<5	
3823827	Rock Chip	0.011	41	6	0.04	204	0.001	<20	0.66	<0.01	0.38	<2	0.05	<1	<5	<5	<5	
3823828	Rock Chip	0.009	31	6	0.03	173	0.001	<20	0.70	<0.01	0.31	<2	<0.05	<1	<5	<5	<5	
3823829	Rock Chip	0.010	36	7	0.03	169	<0.001	<20	0.63	<0.01	0.33	<2	<0.05	<1	<5	<5	<5	
3823830	Rock	0.037	7	4	0.45	67	0.090	<20	0.96	0.09	0.10	<2	<0.05	<1	<5	6	<5	
3823831	Rock Chip	0.007	27	4	0.03	162	0.001	<20	0.55	<0.01	0.33	<2	<0.05	<1	<5	<5	<5	
3823832	Rock Chip	0.008	44	6	0.03	218	<0.001	<20	0.79	0.01	0.41	<2	<0.05	<1	<5	<5	<5	
3823833	Rock Chip	0.011	35	7	0.09	185	<0.001	<20	0.94	0.02	0.34	<2	0.28	<1	<5	<5	<5	
3823834	Rock Chip	0.016	30	9	0.28	196	0.001	<20	1.58	0.02	0.35	<2	1.28	<1	<5	6	<5	
3823835	Rock Chip	0.014	32	5	0.11	192	<0.001	<20	0.99	0.02	0.34	<2	1.08	<1	<5	<5	<5	
3823836	Rock Chip	0.011	27	5	0.14	163	<0.001	<20	0.76	0.01	0.32	<2	1.83	<1	<5	<5	<5	
3823837	Rock Chip	0.008	30	4	0.03	174	<0.001	<20	0.60	<0.01	0.34	<2	0.88	<1	<5	<5	<5	
3823838	Rock Chip	0.010	35	5	0.06	181	0.001	<20	0.83	<0.01	0.41	<2	0.42	<1	<5	<5	<5	
3823839	Rock Chip	0.010	33	6	0.09	170	<0.001	<20	0.78	<0.01	0.36	<2	0.47	<1	<5	<5	<5	
3823840	Rock Chip	0.009	29	4	0.10	159	<0.001	<20	0.75	<0.01	0.33	<2	0.60	<1	<5	<5	<5	
3823841	Rock Chip	0.010	27	5	0.03	179	<0.001	<20	0.84	<0.01	0.37	<2	0.43	<1	<5	<5	<5	
3823842	Rock Chip	0.010	31	5	0.03	173	<0.001	<20	0.78	<0.01	0.38	<2	1.08	<1	<5	<5	<5	



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Method	WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	8	2	1	0.5	3	3	1	0.01	
3823843	Rock Chip	1.61	0.010	<1	23	4	6	1.5	12	3	64	0.66	75	<8	18	10	<0.5	<3	<3	4	0.01
3823844	Rock Chip	1.64	0.038	<1	133	8	7	1.6	19	4	290	1.72	892	<8	12	8	<0.5	3	<3	5	0.02
3823845	Rock Chip	0.91	0.009	<1	88	4	3	0.7	13	3	11	0.47	63	<8	18	7	<0.5	<3	<3	5	<0.01
3823846	Rock Chip	1.34	0.011	1	149	5	18	0.6	37	14	66	1.09	45	<8	15	7	0.6	3	<3	6	0.01
3823847	Rock Chip	1.32	0.009	<1	19	4	16	0.9	26	8	171	1.31	29	<8	16	6	<0.5	<3	<3	7	0.03
3823848	Rock Chip	1.27	0.015	<1	34	14	24	1.9	38	14	395	2.92	32	<8	16	8	<0.5	<3	<3	9	0.04
3823849	Rock Chip	1.27	0.014	<1	36	13	10	1.7	12	3	67	0.95	18	<8	20	7	<0.5	<3	<3	7	0.02
3823850	Rock Chip	1.22	0.007	<1	64	8	4	0.9	2	<1	18	1.93	149	<8	13	5	<0.5	<3	<3	6	<0.01
3823851	Rock Chip	1.74	0.042	1	50	10	27	<0.3	9	4	134	2.96	128	<8	9	23	<0.5	<3	<3	28	0.12
3823852	Rock Chip	2.07	0.100	2	93	16	36	0.3	13	8	141	3.90	498	<8	9	96	<0.5	4	4	75	0.27
3823853	Rock Chip	1.61	0.073	3	122	17	26	<0.3	18	3	78	4.51	305	<8	11	172	<0.5	11	4	82	0.20
3823854	Rock Chip	0.29	0.060	3	65	18	20	0.3	6	2	66	4.25	218	<8	10	227	<0.5	4	<3	52	0.15
3823855	Rock Chip	0.63	0.024	3	58	12	24	<0.3	14	8	150	4.47	106	<8	17	114	<0.5	<3	<3	33	0.06
3823856	Rock Chip	0.89	0.028	1	40	6	18	<0.3	9	3	77	2.89	82	<8	18	16	<0.5	<3	<3	13	0.02
3823857	Rock Chip	0.52	0.013	2	36	10	11	<0.3	2	<1	31	3.28	78	<8	14	13	<0.5	3	<3	16	0.03
3823858	Rock Chip	1.21	0.038	2	38	4	6	0.5	2	<1	26	2.75	548	<8	12	12	<0.5	9	<3	11	0.01
3823859	Rock Chip	1.48	0.048	3	42	4	7	0.8	3	<1	22	2.43	687	<8	17	20	<0.5	9	<3	11	0.01
3823860	Rock Chip	0.88	0.036	2	33	4	12	0.6	4	1	33	1.77	361	<8	18	21	<0.5	7	<3	13	0.03
3823861	Rock Chip	1.06	0.030	3	48	<3	14	0.3	7	4	37	1.77	255	<8	18	13	<0.5	8	<3	9	0.01
3823862	Rock Chip	1.80	0.032	1	77	4	28	<0.3	16	9	66	1.89	84	<8	22	12	<0.5	<3	<3	11	0.01
3823863	Rock Chip	1.63	0.022	1	33	4	8	<0.3	3	1	34	2.29	247	<8	15	6	<0.5	<3	<3	8	<0.01
3823864	Rock Chip	1.82	0.065	<1	19	15	5	1.4	1	<1	29	1.07	612	<8	3	5	<0.5	7	<3	3	<0.01
3823865	Rock Chip	2.27	0.047	2	31	8	8	0.8	3	<1	30	1.59	285	<8	9	10	<0.5	4	<3	8	0.01
3823866	Rock Chip	2.13	0.046	1	56	6	12	<0.3	5	1	38	2.01	118	<8	18	10	<0.5	<3	<3	11	0.01
3823867	Rock Chip	1.60	0.039	2	52	11	11	1.0	2	1	58	2.76	171	<8	14	27	<0.5	3	<3	11	0.01
3823868	Rock Chip	1.38	0.022	2	19	10	4	0.8	1	<1	24	1.63	193	<8	13	17	<0.5	<3	<3	8	<0.01
3823869	Rock Chip	1.80	0.029	2	29	13	9	0.7	2	<1	50	1.84	146	<8	14	16	<0.5	<3	<3	11	0.01
3823870	Rock Pulp	0.16	0.429	13	780	21	122	0.5	14	14	684	3.39	13	<8	<2	120	0.7	<3	<3	86	2.53
3823871	Rock Chip	1.46	0.027	3	56	13	11	0.5	4	2	45	1.90	89	<8	12	14	<0.5	<3	<3	18	0.04
3823872	Rock Chip	1.67	0.026	4	41	7	9	0.5	2	<1	25	1.61	107	<8	17	8	<0.5	<3	<3	8	<0.01



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Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	FA530
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Ag
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	ppm
MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	20
3823843	Rock Chip	0.009	40	5	0.05	167	<0.001	<20	0.65	<0.01	0.37	<2	0.20	<1	<5	<5	<5
3823844	Rock Chip	0.007	24	4	0.15	166	0.001	<20	0.60	<0.01	0.34	<2	0.43	<1	<5	<5	<5
3823845	Rock Chip	0.009	33	4	0.02	190	<0.001	<20	0.72	<0.01	0.39	<2	0.30	<1	<5	<5	<5
3823846	Rock Chip	0.010	30	4	0.07	157	<0.001	<20	0.66	<0.01	0.32	<2	0.62	<1	<5	<5	<5
3823847	Rock Chip	0.011	34	6	0.19	166	<0.001	<20	0.77	0.01	0.34	<2	0.24	<1	<5	<5	<5
3823848	Rock Chip	0.013	33	7	0.26	163	0.001	<20	0.76	0.01	0.34	<2	0.97	<1	<5	<5	<5
3823849	Rock Chip	0.015	43	6	0.06	172	0.001	<20	0.79	0.01	0.38	<2	0.09	<1	<5	<5	<5
3823850	Rock Chip	0.012	29	5	0.04	150	<0.001	<20	0.58	<0.01	0.32	<2	<0.05	<1	<5	<5	<5
3823851	Rock Chip	0.032	28	14	0.20	310	0.016	<20	1.14	0.02	0.30	<2	0.07	<1	<5	<5	<5
3823852	Rock Chip	0.154	31	17	0.46	228	0.095	<20	2.42	0.04	0.20	<2	0.19	<1	<5	6	8
3823853	Rock Chip	0.231	48	15	0.40	294	0.091	<20	2.83	0.05	0.25	<2	0.36	<1	<5	7	10
3823854	Rock Chip	0.232	55	11	0.29	273	0.014	<20	2.03	0.08	0.36	2	0.63	<1	<5	6	8
3823855	Rock Chip	0.099	44	13	0.43	420	0.011	<20	2.16	0.09	0.54	<2	0.51	<1	<5	7	<5
3823856	Rock Chip	0.028	41	11	0.22	367	0.004	<20	1.42	0.03	0.57	<2	0.13	<1	<5	<5	<5
3823857	Rock Chip	0.041	33	7	0.08	294	0.002	<20	0.89	0.03	0.52	<2	0.22	<1	<5	<5	<5
3823858	Rock Chip	0.026	28	8	0.08	282	0.004	<20	0.86	0.01	0.54	<2	0.15	<1	<5	<5	<5
3823859	Rock Chip	0.024	36	8	0.09	342	0.003	<20	0.95	0.01	0.56	<2	0.09	<1	<5	<5	<5
3823860	Rock Chip	0.022	41	8	0.10	339	0.005	<20	1.00	0.01	0.54	<2	0.07	<1	<5	<5	<5
3823861	Rock Chip	0.022	41	8	0.12	338	0.003	<20	1.07	0.02	0.53	<2	0.09	<1	<5	<5	<5
3823862	Rock Chip	0.019	41	10	0.18	391	0.004	<20	1.47	0.03	0.59	<2	0.14	<1	<5	<5	<5
3823863	Rock Chip	0.016	35	9	0.06	273	0.002	<20	0.81	0.01	0.46	<2	0.09	<1	<5	<5	<5
3823864	Rock Chip	0.005	9	6	0.04	106	0.002	<20	0.37	<0.01	0.24	3	0.08	<1	<5	<5	<5
3823865	Rock Chip	0.014	23	8	0.07	228	0.002	<20	0.75	0.01	0.42	<2	0.11	<1	<5	<5	<5
3823866	Rock Chip	0.018	40	9	0.09	289	0.002	<20	1.13	0.02	0.47	<2	0.08	<1	<5	<5	<5
3823867	Rock Chip	0.035	30	7	0.08	410	0.002	<20	0.86	0.02	0.55	<2	0.40	<1	<5	<5	<5
3823868	Rock Chip	0.016	24	7	0.06	331	0.002	<20	0.68	0.01	0.52	<2	0.31	<1	<5	<5	<5
3823869	Rock Chip	0.019	27	8	0.06	279	0.002	<20	0.76	0.01	0.49	<2	0.19	<1	<5	<5	<5
3823870	Rock Pulp	0.084	5	27	1.28	192	0.065	<20	1.55	0.11	0.12	2	0.58	<1	<5	6	6
3823871	Rock Chip	0.027	28	9	0.11	268	0.007	<20	0.98	0.02	0.45	<2	0.12	<1	<5	<5	<5
3823872	Rock Chip	0.015	37	8	0.07	283	0.002	<20	0.88	0.01	0.49	<2	0.09	<1	<5	<5	<5



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Method	WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	8	2	1	0.5	3	3	1	0.01	
3823873	Rock Chip	1.80	0.090	6	53	9	8	0.9	2	1	23	1.85	875	<8	19	17	<0.5	8	<3	10	0.01
3823874	Rock Chip	1.90	0.094	8	33	23	5	1.4	1	<1	22	1.52	703	<8	15	17	<0.5	5	<3	8	<0.01
3823875	Rock Chip	1.77	0.075	8	25	13	6	1.2	2	<1	26	1.31	647	<8	13	22	<0.5	7	<3	8	0.01
3823876	Rock Chip	2.36	0.067	6	31	31	11	1.8	1	<1	21	1.87	586	<8	14	21	<0.5	8	<3	10	0.01
3823877	Rock Chip	1.76	0.113	12	47	90	6	3.4	1	<1	24	1.39	1114	<8	14	19	<0.5	13	3	7	0.01
3823878	Rock Chip	1.88	0.180	9	55	193	9	6.3	1	<1	31	2.74	1248	<8	14	27	<0.5	38	4	9	<0.01
3823879	Rock Chip	1.68	0.141	8	69	77	8	4.0	2	<1	22	3.08	879	<8	18	24	<0.5	23	6	12	0.01
3823880	Rock	1.00	<0.005	<1	1	<3	21	<0.3	<1	3	411	1.69	5	<8	3	23	<0.5	<3	<3	23	0.64
3823881	Rock Chip	1.67	0.062	2	34	26	5	1.4	1	<1	14	1.35	349	<8	23	13	<0.5	11	<3	8	<0.01
3823882	Rock Chip	1.29	0.054	4	41	27	4	1.7	1	<1	16	1.61	239	<8	19	16	<0.5	8	<3	9	<0.01
3823883	Rock Chip	2.02	0.229	3	61	53	7	2.8	1	<1	16	2.09	737	<8	17	14	<0.5	26	<3	8	<0.01
3823884	Rock Chip	1.42	0.060	1	37	20	15	1.7	3	1	28	0.97	277	<8	6	11	<0.5	9	<3	5	<0.01
3823885	Rock Chip	1.37	0.080	4	175	30	9	2.3	4	<1	21	4.29	417	<8	17	148	<0.5	13	<3	20	0.03
3823886	Rock Chip	1.54	0.139	3	812	19	30	0.9	7	7	93	2.85	580	<8	12	33	<0.5	10	<3	22	0.13
3823887	Rock Chip	1.34	0.083	3	240	26	120	1.1	12	19	945	5.26	522	<8	11	18	<0.5	13	<3	27	0.28
3823888	Rock Chip	0.92	0.085	3	101	25	19	1.6	4	4	70	2.83	424	<8	11	35	<0.5	11	<3	15	0.09
3823889	Rock Chip	1.64	0.058	6	125	17	11	0.9	6	8	45	2.07	428	<8	18	19	<0.5	5	<3	10	0.03
3823890	Rock Chip	2.29	0.094	7	222	18	13	1.2	7	15	43	2.68	699	<8	17	16	<0.5	5	<3	10	0.02
3823891	Rock Chip	1.56	0.032	3	163	16	5	0.7	6	2	27	1.30	156	<8	10	9	<0.5	4	<3	5	0.01
3823892	Rock Chip	1.56	0.025	3	35	10	3	0.7	2	<1	24	0.97	108	<8	4	10	<0.5	4	<3	4	<0.01
3823893	Rock Chip	1.64	0.053	8	44	11	5	0.9	1	<1	33	1.29	88	<8	2	5	<0.5	3	<3	3	<0.01
3823894	Rock Chip	1.26	0.046	7	25	17	4	0.4	2	<1	23	0.75	199	<8	11	11	<0.5	<3	<3	6	<0.01
3823901	Rock Chip	0.40	0.046	2	60	10	33	0.7	12	4	106	2.74	379	<8	3	28	<0.5	5	4	27	0.16
3823902	Rock Chip	1.77	0.037	2	61	14	12	1.1	5	2	77	2.72	1250	<8	7	35	<0.5	7	11	22	0.07
3823903	Rock Chip	1.51	0.092	3	28	17	5	1.3	4	<1	32	2.12	848	<8	6	48	<0.5	6	14	23	0.07
3823904	Rock Chip	1.05	0.038	3	91	17	11	1.1	5	2	46	3.07	464	<8	6	42	<0.5	6	20	38	0.06
3823905	Rock Chip	0.56	0.063	3	76	17	9	1.7	2	2	69	2.33	1526	<8	5	42	<0.5	12	53	22	0.04
3823906	Rock Chip	0.64	0.010	3	48	13	16	1.6	3	4	130	3.06	259	<8	5	19	<0.5	11	12	19	0.03
3823907	Rock Chip	0.81	0.050	1	35	8	2	1.0	1	<1	22	2.46	3223	<8	7	10	<0.5	9	7	8	0.03
3823908	Rock Chip	0.33	0.038	1	26	7	6	0.9	1	<1	41	2.04	241	<8	4	7	<0.5	7	4	6	0.02



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Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	FA530
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Ag
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	ppm
MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	20
3823873	Rock Chip	0.021	37	9	0.07	245	0.002	<20	0.82	0.01	0.45	<2	0.10	<1	<5	<5	<5
3823874	Rock Chip	0.020	29	7	0.06	234	0.002	<20	0.73	0.01	0.44	<2	0.12	<1	<5	<5	<5
3823875	Rock Chip	0.017	27	7	0.08	241	0.002	<20	0.72	0.01	0.43	<2	0.15	<1	<5	<5	<5
3823876	Rock Chip	0.022	25	7	0.05	345	0.001	<20	0.72	0.01	0.49	<2	0.35	<1	<5	<5	<5
3823877	Rock Chip	0.016	36	7	0.06	227	0.002	<20	0.70	0.01	0.44	<2	0.18	<1	<5	<5	<5
3823878	Rock Chip	0.030	21	8	0.04	188	0.002	<20	0.51	<0.01	0.31	<2	0.11	<1	<5	<5	<5
3823879	Rock Chip	0.030	35	9	0.06	254	0.002	<20	0.76	0.01	0.46	<2	0.13	<1	<5	<5	<5
3823880	Rock	0.037	7	3	0.41	65	0.081	<20	0.85	0.09	0.10	<2	<0.05	<1	<5	5	<5
3823881	Rock Chip	0.016	43	7	0.04	225	0.001	<20	0.68	0.01	0.44	<2	0.06	<1	<5	<5	<5
3823882	Rock Chip	0.015	34	9	0.05	240	0.001	<20	0.70	<0.01	0.47	<2	0.11	<1	<5	<5	<5
3823883	Rock Chip	0.021	27	11	0.04	192	<0.001	<20	0.57	<0.01	0.38	<2	0.06	<1	<5	<5	<5
3823884	Rock Chip	0.009	14	5	0.04	126	0.002	<20	0.43	<0.01	0.30	<2	<0.05	<1	<5	<5	<5
3823885	Rock Chip	0.096	46	11	0.11	470	0.004	<20	1.24	0.06	0.56	<2	0.81	<1	<5	<5	<5
3823886	Rock Chip	0.134	37	7	0.17	220	0.005	<20	1.59	0.02	0.27	<2	1.13	<1	<5	<5	<5
3823887	Rock Chip	0.100	32	8	0.32	132	0.004	<20	1.32	0.01	0.25	<2	1.93	<1	<5	7	<5
3823888	Rock Chip	0.093	54	8	0.11	368	0.002	<20	1.07	0.02	0.37	<2	0.80	<1	<5	<5	<5
3823889	Rock Chip	0.031	37	10	0.09	270	0.001	<20	0.93	0.01	0.43	<2	0.55	<1	<5	<5	<5
3823890	Rock Chip	0.029	31	11	0.08	247	0.001	<20	0.94	0.01	0.43	<2	0.99	<1	<5	<5	<5
3823891	Rock Chip	0.012	17	8	0.06	149	0.001	<20	0.65	<0.01	0.33	<2	0.45	<1	<5	<5	<5
3823892	Rock Chip	0.009	7	6	0.04	87	0.002	<20	0.40	<0.01	0.20	<2	0.08	<1	<5	<5	<5
3823893	Rock Chip	0.007	3	4	0.03	60	0.002	<20	0.30	<0.01	0.17	<2	0.13	<1	<5	<5	<5
3823894	Rock Chip	0.011	23	6	0.05	139	0.001	<20	0.61	<0.01	0.32	<2	0.05	<1	<5	<5	<5
3823901	Rock Chip	0.067	22	17	0.15	397	0.005	<20	1.31	<0.01	0.24	<2	0.05	<1	<5	<5	<5
3823902	Rock Chip	0.073	30	9	0.08	464	0.003	<20	0.63	0.01	0.40	<2	0.30	<1	<5	<5	<5
3823903	Rock Chip	0.082	33	5	0.09	579	0.003	<20	0.72	0.01	0.51	<2	0.38	<1	<5	<5	<5
3823904	Rock Chip	0.121	35	11	0.07	353	0.002	<20	0.75	0.01	0.42	<2	0.24	<1	<5	<5	<5
3823905	Rock Chip	0.113	26	9	0.11	236	0.003	<20	0.71	<0.01	0.46	<2	0.10	<1	<5	<5	<5
3823906	Rock Chip	0.077	16	9	0.10	191	0.003	<20	0.66	0.01	0.44	<2	0.09	<1	<5	<5	<5
3823907	Rock Chip	0.099	10	9	0.04	182	<0.001	<20	0.41	<0.01	0.33	<2	0.12	<1	<5	<5	<5
3823908	Rock Chip	0.014	13	9	0.03	164	0.001	<20	0.39	<0.01	0.30	<2	0.13	<1	<5	<5	<5



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Method	WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	8	2	1	0.5	3	3	1	0.01	
3823909	Rock Chip	0.73	0.045	1	27	7	6	0.8	2	<1	33	2.01	242	<8	5	7	<0.5	8	4	6	0.02
3823910	Rock Chip	0.74	0.034	1	26	6	6	0.9	1	<1	39	1.96	244	<8	5	7	<0.5	6	4	6	0.02
3823911	Rock Chip	1.33	0.010	<1	17	<3	7	<0.3	1	<1	27	1.83	58	<8	6	8	<0.5	3	<3	5	0.02
3823912	Rock Chip	1.14	0.012	<1	23	3	10	<0.3	2	<1	26	1.92	62	<8	11	9	<0.5	3	<3	7	0.02
3823913	Rock Chip	1.26	0.009	<1	69	4	12	<0.3	4	1	31	2.12	36	<8	10	7	<0.5	<3	<3	9	0.01
3823914	Rock Chip	1.08	0.011	2	95	<3	4	<0.3	2	<1	20	2.11	41	<8	11	11	<0.5	<3	<3	7	<0.01
3823915	Rock Chip	0.48	0.011	1	63	3	6	<0.3	3	<1	36	1.61	71	<8	10	9	<0.5	<3	<3	6	<0.01
3823916	Rock Chip	0.68	0.007	<1	96	<3	24	<0.3	14	6	150	2.28	15	<8	18	10	<0.5	<3	<3	8	<0.01
3823917	Rock Chip	1.51	0.022	<1	71	5	13	0.4	5	3	85	2.95	52	<8	8	10	<0.5	<3	<3	7	<0.01
3823918	Rock Chip	0.54	0.022	<1	28	5	13	<0.3	10	4	129	2.07	663	<8	14	10	<0.5	4	<3	6	<0.01
3823919	Rock Chip	0.65	0.012	2	18	8	7	0.9	3	2	65	2.12	106	<8	10	20	<0.5	4	7	12	<0.01
3823920	Rock Pulp	0.12	1.373	604	5647	2480	581	18.7	173	20	661	3.54	32	<8	3	69	7.1	26	<3	50	1.97
3823921	Rock Chip	0.68	0.108	2	51	21	7	2.4	2	9	59	3.01	2645	<8	6	24	<0.5	10	15	12	0.01
3823922	Rock Chip	0.98	0.009	2	85	19	59	1.0	9	4	278	6.44	63	<8	9	29	<0.5	6	12	65	<0.01
3823923	Rock Chip	1.02	0.029	2	73	15	56	2.1	9	10	458	5.98	42	<8	8	26	<0.5	8	13	39	<0.01
3823924	Rock Chip	1.00	0.094	2	85	13	30	0.7	5	7	329	5.66	10	<8	7	39	<0.5	5	8	43	<0.01
3823925	Rock Chip	1.46	0.026	1	91	13	44	0.7	5	7	394	6.42	128	<8	7	32	<0.5	3	5	46	<0.01
3823926	Rock Chip	0.95	0.097	2	98	14	39	1.5	6	6	334	5.91	729	<8	7	38	<0.5	4	9	32	<0.01
3823927	Rock Chip	1.26	0.020	1	87	5	29	0.6	19	10	252	3.88	63	<8	14	20	<0.5	<3	<3	20	<0.01
3823928	Rock Chip	1.38	0.009	<1	271	3	46	<0.3	25	8	167	2.98	16	<8	19	14	<0.5	<3	<3	13	<0.01
3823929	Rock Chip	1.44	0.005	<1	174	<3	19	<0.3	16	5	99	2.17	25	<8	12	9	<0.5	<3	<3	7	<0.01
3823930	Rock	1.00	<0.005	<1	2	<3	20	<0.3	<1	3	364	1.61	3	<8	2	21	<0.5	<3	<3	21	0.53
3823931	Rock Chip	1.18	0.007	<1	98	4	25	0.4	4	3	205	4.69	88	<8	6	8	<0.5	3	4	9	<0.01
3823932	Rock Chip	1.15	0.006	<1	118	<3	8	<0.3	11	2	41	1.01	13	<8	12	8	<0.5	<3	<3	5	<0.01
3823933	Rock Chip	1.10	<0.005	<1	130	<3	11	<0.3	7	2	72	1.94	12	<8	7	9	<0.5	<3	<3	5	<0.01
3823934	Rock Chip	1.26	<0.005	<1	178	<3	15	<0.3	11	3	91	1.90	9	<8	9	8	<0.5	<3	<3	7	<0.01
3823935	Rock Chip	1.16	<0.005	<1	235	<3	16	<0.3	14	4	174	1.85	8	<8	15	13	<0.5	<3	<3	8	0.01
3823936	Rock Chip	1.52	<0.005	1	202	<3	24	<0.3	37	16	157	2.01	9	<8	14	14	<0.5	<3	<3	6	0.01
3823937	Rock Chip	1.32	<0.005	<1	105	<3	23	<0.3	24	8	221	2.38	5	<8	17	9	<0.5	<3	<3	6	0.04
3823938	Rock Chip	1.18	0.006	1	181	<3	12	<0.3	14	6	113	1.94	36	<8	15	10	<0.5	<3	<3	4	0.02



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Method	Analyte	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	FA530
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Ag
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	ppm
MDL		0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	20
3823909	Rock Chip	0.015	13	6	0.03	159	0.001	<20	0.36	<0.01	0.30	<2	0.13	<1	<5	<5	<5	
3823910	Rock Chip	0.015	12	6	0.03	154	<0.001	<20	0.35	<0.01	0.29	<2	0.13	<1	<5	<5	<5	
3823911	Rock Chip	0.010	19	6	0.03	219	<0.001	<20	0.46	0.01	0.40	<2	0.15	<1	<5	<5	<5	
3823912	Rock Chip	0.011	26	6	0.03	215	<0.001	<20	0.50	0.01	0.40	<2	0.12	<1	<5	<5	<5	
3823913	Rock Chip	0.011	29	11	0.03	227	<0.001	<20	0.59	0.01	0.41	<2	0.12	<1	<5	<5	<5	
3823914	Rock Chip	0.009	25	9	0.03	216	<0.001	<20	0.48	<0.01	0.32	<2	0.11	<1	<5	<5	<5	
3823915	Rock Chip	0.008	26	6	0.03	179	<0.001	<20	0.47	0.01	0.31	<2	0.06	<1	<5	<5	<5	
3823916	Rock Chip	0.014	42	10	0.03	207	<0.001	<20	0.72	0.01	0.37	<2	<0.05	<1	<5	<5	<5	
3823917	Rock Chip	0.009	19	9	0.03	190	<0.001	<20	0.50	<0.01	0.32	<2	0.06	<1	<5	<5	<5	
3823918	Rock Chip	0.008	27	8	0.03	199	<0.001	<20	0.52	0.01	0.36	<2	0.12	<1	<5	<5	<5	
3823919	Rock Chip	0.037	33	8	0.07	186	0.002	<20	0.59	0.01	0.49	<2	0.27	<1	<5	<5	<5	
3823920	Rock Pulp	0.030	9	136	1.62	80	0.091	<20	2.88	0.30	0.15	3	1.29	<1	<5	<5	<5	
3823921	Rock Chip	0.093	35	7	0.06	148	0.002	<20	0.53	0.01	0.45	<2	0.30	<1	<5	<5	<5	
3823922	Rock Chip	0.134	29	8	0.03	469	0.001	<20	0.74	0.01	0.40	<2	0.41	<1	<5	<5	5	
3823923	Rock Chip	0.105	26	6	0.04	314	0.002	<20	0.69	<0.01	0.35	<2	0.27	<1	<5	<5	6	
3823924	Rock Chip	0.114	25	6	0.03	528	0.002	<20	0.72	<0.01	0.41	<2	0.45	<1	<5	<5	<5	
3823925	Rock Chip	0.117	26	6	0.04	452	0.002	<20	0.67	<0.01	0.40	<2	0.50	<1	<5	<5	<5	
3823926	Rock Chip	0.111	30	5	0.05	489	0.002	<20	0.68	0.01	0.52	<2	0.62	<1	<5	<5	<5	
3823927	Rock Chip	0.083	40	6	0.04	326	0.001	<20	0.74	0.01	0.43	<2	0.33	<1	<5	<5	<5	
3823928	Rock Chip	0.042	44	7	0.05	223	<0.001	<20	1.07	0.02	0.35	<2	0.08	<1	<5	<5	<5	
3823929	Rock Chip	0.024	39	6	0.03	459	<0.001	<20	0.70	0.01	0.29	<2	0.08	<1	<5	<5	<5	
3823930	Rock	0.034	8	2	0.38	65	0.072	<20	0.81	0.08	0.09	<2	<0.05	<1	<5	<5	<5	
3823931	Rock Chip	0.022	25	7	0.02	136	<0.001	<20	0.50	<0.01	0.26	<2	0.16	<1	<5	<5	<5	
3823932	Rock Chip	0.008	29	5	0.03	204	<0.001	<20	0.85	0.01	0.33	<2	0.06	<1	<5	<5	<5	
3823933	Rock Chip	0.006	19	6	0.05	150	<0.001	<20	0.52	<0.01	0.25	<2	0.05	<1	<5	<5	<5	
3823934	Rock Chip	0.008	30	7	0.08	183	<0.001	<20	0.67	0.01	0.31	<2	0.10	<1	<5	<5	<5	
3823935	Rock Chip	0.010	32	7	0.10	293	<0.001	<20	0.87	0.01	0.33	<2	0.27	<1	<5	<5	<5	
3823936	Rock Chip	0.006	30	7	0.12	187	<0.001	<20	0.71	0.01	0.31	<2	0.44	<1	<5	<5	<5	
3823937	Rock Chip	0.009	38	5	0.34	242	<0.001	<20	0.68	0.02	0.37	<2	0.34	<1	<5	<5	<5	
3823938	Rock Chip	0.007	30	5	0.18	193	<0.001	<20	0.60	0.01	0.33	<2	0.54	<1	<5	<5	<5	



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Project: Grabben
Report Date: July 27, 2021

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CERTIFICATE OF ANALYSIS

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Method	WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	8	2	1	0.5	3	3	1	0.01	
3823939	Rock Chip	1.22	<0.005	<1	41	<3	14	<0.3	20	6	144	1.57	7	<8	18	12	<0.5	<3	<3	5	0.02
3823940	Rock Chip	1.39	0.007	<1	36	3	14	<0.3	20	5	139	1.58	8	<8	20	13	<0.5	<3	<3	5	0.02
3823941	Rock Chip	1.33	0.026	1	71	<3	7	<0.3	7	2	82	1.40	150	<8	9	9	<0.5	4	<3	4	<0.01
3823942	Rock Chip	1.36	0.067	1	48	3	4	0.7	2	<1	35	1.75	444	<8	10	10	<0.5	4	<3	4	<0.01
3823943	Rock Chip	0.74	0.010	1	155	<3	20	<0.3	18	5	150	1.82	115	<8	17	8	<0.5	<3	<3	5	0.02
3823944	Rock Chip	0.92	0.009	1	92	<3	102	<0.3	25	13	459	4.93	39	<8	19	8	<0.5	<3	<3	9	0.05



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CERTIFICATE OF ANALYSIS

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Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	FA530
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Ag	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	20	
3823939	Rock Chip	0.006	37	5	0.22	259	<0.001	<20	0.62	0.01	0.38	<2	0.20	<1	<5	<5	<5	
3823940	Rock Chip	0.007	39	5	0.22	251	<0.001	<20	0.64	0.01	0.40	<2	0.22	<1	<5	<5	<5	
3823941	Rock Chip	0.004	21	7	0.11	167	<0.001	<20	0.43	<0.01	0.28	3	0.20	<1	<5	<5	<5	
3823942	Rock Chip	0.004	21	7	0.04	197	0.001	<20	0.45	<0.01	0.35	<2	0.21	<1	<5	<5	<5	
3823943	Rock Chip	0.007	31	6	0.20	243	0.001	<20	0.70	0.01	0.40	<2	0.36	<1	<5	<5	<5	
3823944	Rock Chip	0.013	33	7	0.41	228	0.001	<20	0.92	<0.01	0.38	<2	1.70	<1	<5	<5	<5	



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Method	WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	8	2	1	0.5	3	3	1	0.01	
Pulp Duplicates																					
3823814	Rock Chip	1.27	0.006	1	30	7	1	0.4	1	<1	16	1.35	47	<8	11	11	<0.5	<3	<3	7	<0.01
REP 3823814	QC			<1	29	6	1	0.5	1	<1	16	1.30	45	<8	10	11	<0.5	<3	<3	6	<0.01
3823834	Rock Chip	1.58	0.024	2	708	16	30	2.9	34	17	131	2.60	60	<8	18	7	<0.5	<3	<3	11	<0.01
REP 3823834	QC		0.027																		
3823847	Rock Chip	1.32	0.009	<1	19	4	16	0.9	26	8	171	1.31	29	<8	16	6	<0.5	<3	<3	7	0.03
REP 3823847	QC			<1	19	5	17	0.9	27	8	176	1.35	30	<8	16	6	<0.5	<3	<3	7	0.03
3823867	Rock Chip	1.60	0.039	2	52	11	11	1.0	2	1	58	2.76	171	<8	14	27	<0.5	3	<3	11	0.01
REP 3823867	QC		0.043																		
3823882	Rock Chip	1.29	0.054	4	41	27	4	1.7	1	<1	16	1.61	239	<8	19	16	<0.5	8	<3	9	<0.01
REP 3823882	QC			5	40	27	4	1.7	1	<1	16	1.59	237	<8	19	16	<0.5	8	<3	8	<0.01
3823913	Rock Chip	1.26	0.009	<1	69	4	12	<0.3	4	1	31	2.12	36	<8	10	7	<0.5	<3	<3	9	0.01
REP 3823913	QC		0.018																		
3823923	Rock Chip	1.02	0.029	2	73	15	56	2.1	9	10	458	5.98	42	<8	8	26	<0.5	8	13	39	<0.01
REP 3823923	QC			2	72	14	56	1.9	9	10	443	5.88	40	<8	8	26	<0.5	8	15	39	<0.01
Core Reject Duplicates																					
3823828	Rock Chip	1.72	0.019	1	162	12	4	2.1	4	<1	14	1.29	54	<8	14	4	<0.5	<3	<3	6	<0.01
DUP 3823828	QC		0.009	1	158	10	4	1.7	4	<1	15	1.30	52	<8	13	4	<0.5	<3	<3	6	<0.01
3823862	Rock Chip	1.80	0.032	1	77	4	28	<0.3	16	9	66	1.89	84	<8	22	12	<0.5	<3	<3	11	0.01
DUP 3823862	QC		0.030	2	81	3	27	<0.3	16	9	68	1.94	85	<8	22	13	<0.5	<3	<3	11	0.01
3823902	Rock Chip	1.77	0.037	2	61	14	12	1.1	5	2	77	2.72	1250	<8	7	35	<0.5	7	11	22	0.07
DUP 3823902	QC		0.037	2	61	13	12	1.1	4	2	76	2.74	1188	<8	7	35	<0.5	7	11	22	0.07
3823936	Rock Chip	1.52	<0.005	1	202	<3	24	<0.3	37	16	157	2.01	9	<8	14	14	<0.5	<3	<3	6	0.01
DUP 3823936	QC		<0.005	1	206	4	25	<0.3	37	16	163	2.07	9	<8	14	14	<0.5	<3	<3	6	0.01
Reference Materials																					
STD AGPROOF	Standard																				
STD BVGEO01	Standard			10	4316	182	1714	2.7	158	23	716	3.59	119	<8	14	53	6.2	4	23	73	1.28
STD BVGEO01	Standard			10	4421	184	1710	2.5	159	23	742	3.68	124	<8	15	56	6.2	3	26	72	1.37
STD DS11	Standard			12	141	131	331	1.8	73	12	1008	2.99	42	<8	7	64	2.2	6	12	45	1.03



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Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	FA530
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Ag	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	20	
Pulp Duplicates																		
3823814	Rock Chip	0.016	28	6	0.04	238	0.002	<20	0.64	<0.01	0.42	<2	0.08	<1	<5	<5	<5	
REP 3823814	QC	0.016	27	6	0.04	231	0.002	<20	0.62	<0.01	0.41	<2	0.07	<1	<5	<5	<5	
3823834	Rock Chip	0.016	30	9	0.28	196	0.001	<20	1.58	0.02	0.35	<2	1.28	<1	<5	6	<5	
REP 3823834	QC																	
3823847	Rock Chip	0.011	34	6	0.19	166	<0.001	<20	0.77	0.01	0.34	<2	0.24	<1	<5	<5	<5	
REP 3823847	QC	0.011	35	7	0.20	171	<0.001	<20	0.79	0.01	0.35	<2	0.25	<1	<5	<5	<5	
3823867	Rock Chip	0.035	30	7	0.08	410	0.002	<20	0.86	0.02	0.55	<2	0.40	<1	<5	<5	<5	
REP 3823867	QC																	
3823882	Rock Chip	0.015	34	9	0.05	240	0.001	<20	0.70	<0.01	0.47	<2	0.11	<1	<5	<5	<5	
REP 3823882	QC	0.015	33	8	0.05	236	0.001	<20	0.68	<0.01	0.47	<2	0.11	<1	<5	<5	<5	
3823913	Rock Chip	0.011	29	11	0.03	227	<0.001	<20	0.59	0.01	0.41	<2	0.12	<1	<5	<5	<5	
REP 3823913	QC																	
3823923	Rock Chip	0.105	26	6	0.04	314	0.002	<20	0.69	<0.01	0.35	<2	0.27	<1	<5	<5	6	
REP 3823923	QC	0.106	27	7	0.04	316	0.002	<20	0.70	<0.01	0.35	<2	0.27	<1	<5	<5	6	
Core Reject Duplicates																		
3823828	Rock Chip	0.009	31	6	0.03	173	0.001	<20	0.70	<0.01	0.31	<2	<0.05	<1	<5	<5	<5	
DUP 3823828	QC	0.009	31	7	0.03	173	0.001	<20	0.70	<0.01	0.31	<2	<0.05	<1	<5	<5	<5	
3823862	Rock Chip	0.019	41	10	0.18	391	0.004	<20	1.47	0.03	0.59	<2	0.14	<1	<5	<5	<5	
DUP 3823862	QC	0.019	41	10	0.18	374	0.003	<20	1.47	0.03	0.59	<2	0.15	<1	<5	<5	<5	
3823902	Rock Chip	0.073	30	9	0.08	464	0.003	<20	0.63	0.01	0.40	<2	0.30	<1	<5	<5	<5	
DUP 3823902	QC	0.072	30	11	0.08	468	0.003	<20	0.63	<0.01	0.40	<2	0.30	<1	<5	<5	<5	
3823936	Rock Chip	0.006	30	7	0.12	187	<0.001	<20	0.71	0.01	0.31	<2	0.44	<1	<5	<5	<5	
DUP 3823936	QC	0.006	31	7	0.12	189	<0.001	<20	0.72	0.01	0.31	<2	0.45	<1	<5	<5	<5	
Reference Materials																		
STD AGPROOF	Standard																	96
STD BVGEO01	Standard	0.073	24	172	1.29	341	0.230	<20	2.22	0.18	0.88	3	0.69	<1	<5	6	6	
STD BVGEO01	Standard	0.071	25	177	1.34	347	0.232	<20	2.37	0.19	0.88	<2	0.64	<1	<5	13	6	
STD DS11	Standard	0.069	17	53	0.82	415	0.088	<20	1.12	0.07	0.39	2	0.26	<1	<5	7	<5	



QUALITY CONTROL REPORT

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		WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Wgt	Au	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	ppm	%
		0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	8	2	1	0.5	3	3	1	0.01
STD DS11	Standard			14	152	136	354	1.6	77	13	1056	3.24	46	<8	7	69	2.3	7	12	50	1.09
STD OREAS262	Standard			<1	117	55	151	0.4	63	27	544	3.22	37	<8	9	35	0.7	<3	<3	22	2.96
STD OREAS262	Standard			<1	116	55	143	0.4	61	26	562	3.21	37	<8	9	35	0.6	<3	<3	21	2.99
STD OREAS262	Standard			<1	119	54	146	0.5	62	26	577	3.35	38	<8	9	37	0.7	<3	<3	21	3.04
STD OREAS262	Standard			<1	117	53	149	0.4	61	26	535	3.32	36	<8	8	35	0.5	3	<3	21	2.96
STD OREAS263	Standard		0.215																		
STD OREAS232	Standard		0.897																		
STD OREAS263	Standard		0.209																		
STD OREAS232	Standard		0.957																		
STD OREAS263	Standard		0.212																		
STD OREAS232	Standard		0.915																		
STD OREAS263	Standard		0.208																		
STD OREAS232	Standard		0.873																		
STD OXN155	Standard		8.007																		
STD OXN155	Standard		7.631																		
STD OXN155	Standard		7.630																		
STD OXN155	Standard		7.637																		
STD OXQ132	Standard																				
STD OXQ132	Standard																				
STD BVGEO01 Expected				10.8	4415	187	1741	2.53	163	25	733	3.7	121		14.4	55	6.5	2.2	25.6	73	1.3219
STD DS11 Expected				13.9	156	138	345	1.71	81.9	14.2	1055	3.2082	42.8		7.65	67.3	2.37	7.2	12.2	50	1.063
STD OREAS262 Expected					118	56	154	0.45	62	26.9	530	3.284	35.8		9.33	36	0.61	3.39		22.5	2.98
STD AGPROOF Expected																					
STD OXQ132 Expected																					
STD OXN155 Expected			7.776																		
STD OREAS263 Expected			0.214																		
STD OREAS232 Expected			0.902																		
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<8	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<8	<2	<1	<0.5	<3	<3	<1	<0.01



QUALITY CONTROL REPORT

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		AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	FA530	
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Ag
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	ppm
		0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	20
STD DS11	Standard	0.071	17	63	0.86	432	0.098	<20	1.19	0.08	0.41	<2	0.28	<1	6	<5	<5	
STD OREAS262	Standard	0.039	16	43	1.17	258	0.003	<20	1.28	0.07	0.31	<2	0.27	<1	<5	6	<5	
STD OREAS262	Standard	0.038	15	41	1.19	257	0.003	<20	1.37	0.07	0.31	<2	0.25	<1	<5	6	<5	
STD OREAS262	Standard	0.040	17	41	1.23	263	0.003	<20	1.43	0.07	0.33	<2	0.25	<1	<5	6	<5	
STD OREAS262	Standard	0.037	14	43	1.18	248	0.003	<20	1.22	0.07	0.29	<2	0.25	<1	<5	<5	<5	
STD OREAS263	Standard																	
STD OREAS232	Standard																	
STD OREAS263	Standard																	
STD OREAS232	Standard																	
STD OREAS263	Standard																	
STD OREAS232	Standard																	
STD OREAS263	Standard																	
STD OREAS232	Standard																	
STD OREAS263	Standard																	
STD OREAS232	Standard																	
STD OXN155	Standard																	
STD OXN155	Standard																	
STD OXN155	Standard																	
STD OXN155	Standard																	
STD OXQ132	Standard																	127
STD OXQ132	Standard																	131
STD BVGEO01 Expected		0.0727	25.9	171	1.2963	340	0.233		2.347	0.1924	0.89	3.5	0.6655			7.37	5.97	
STD DS11 Expected		0.0701	18.6	61.5	0.85	417	0.0976	6	1.129	0.0694	0.4	2.9	0.2835	0.3	4.9	4.7	3.1	
STD OREAS262 Expected		0.04	15.9	41.7	1.17	248	0.003		1.3	0.071	0.312		0.269			3.9	3.24	
STD AGPROOF Expected																		96
STD OXQ132 Expected																		128.5
STD OXN155 Expected																		
STD OREAS263 Expected																		
STD OREAS232 Expected																		
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5	
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5	



Bureau Veritas Commodities Canada Ltd.
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PHONE (604) 253-3158

Client: Kreft, Bernie
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Whitehorse Yukon Y1A 5G9 Canada

Project: Grabben
Report Date: July 27, 2021

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QUALITY CONTROL REPORT

WHI21000106.1

		WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Wgt	Au	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	ppm	%
		0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	8	2	1	0.5	3	3	1	0.01
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<8	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<8	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank																				
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		0.005																		
BLK	Blank		<0.005																		
Prep Wash																					
ROCK-WHI	Prep Blank		<0.005	<1	1	<3	20	<0.3	<1	3	378	1.66	<2	<8	3	23	<0.5	<3	<3	21	0.57
ROCK-WHI	Prep Blank		<0.005	<1	3	<3	22	<0.3	<1	3	424	1.73	<2	<8	2	25	<0.5	<3	<3	23	0.69



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QUALITY CONTROL REPORT

WHI21000106.1

		AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	FA530	
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Ag
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	ppm
		0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	20
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5	
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5	
BLK	Blank																	<20
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	
Prep Wash																		
ROCK-WHI	Prep Blank	0.035	7	2	0.40	65	0.080	<20	0.89	0.09	0.10	<2	<0.05	<1	<5	6	<5	
ROCK-WHI	Prep Blank	0.036	8	3	0.42	69	0.085	<20	0.92	0.09	0.10	<2	<0.05	<1	<5	6	<5	