



**BUREAU
VERITAS**

MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client:

Petroutsas, Erini

Box 431

Dawson City Yukon Y0B 1G0 Canada

Submitted By:

Erini Petroutsas

Receiving Lab:

Canada-Whitehorse

Received:

June 18, 2020

Analysis Start:

July 07, 2020

Report Date:

September 14, 2020

Page:

1 of 3

CERTIFICATE OF ANALYSIS

WHI20000056.1

CLIENT JOB INFORMATION

Project: JA

Shipment ID:

P.O. Number

Number of Samples: 43

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days

DISP-RJT Dispose of Reject 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: Petroutsas, Erini
Box 431
Dawson City Yukon Y0B 1G0
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	43	Crush, split and pulverize 250 g rock to 200 mesh			WHI
AQ252_EXT	43	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	30	Completed	VAN
SHP01	43	Per sample shipping charges for branch shipments			VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.

*** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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: **Petroutsas, Erini**
Box 431
Dawson City Yukon Y0B 1G0 Canada

Project: JA
Report Date: September 14, 2020

Page: 2 of 3

Part: 1 of 3

CERTIFICATE OF ANALYSIS

WHI20000056.1

	Method Analyte Unit MDL	WGHT	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
1904001	Rock	0.96	0.15	10.12	8.91	16.7	100	93.8	6.5	436	1.27	16.4	<0.1	0.5	0.6	180.3	0.09	3.02	<0.02	6	6.16
1904002	Rock	0.65	0.15	8.24	5.33	11.9	75	107.9	9.2	357	1.11	24.1	<0.1	0.9	0.9	119.3	0.07	2.12	<0.02	6	3.56
1904003	Rock	0.65	0.20	146.94	12.12	57.8	537	98.8	16.3	1222	2.76	34.3	<0.1	2.0	1.3	42.9	0.17	25.12	<0.02	64	0.83
1904004	Rock	0.75	0.37	130.14	6.16	39.7	411	51.8	14.1	1076	2.06	26.7	<0.1	1.6	1.3	16.5	0.06	0.85	<0.02	60	0.14
1904005	Rock	0.66	0.29	86.76	12.95	42.8	332	50.2	12.9	1073	1.90	22.6	<0.1	2.4	1.4	15.8	0.09	1.13	<0.02	44	0.19
1904006	Rock	0.67	1.78	31.04	6.12	41.6	85	95.1	9.7	2439	3.32	5.6	0.9	1.3	1.2	56.6	0.12	6.03	<0.02	32	0.35
1904007	Rock	0.46	0.21	12.42	7.86	41.6	90	241.6	17.7	1214	2.58	25.7	0.1	0.8	2.2	131.4	0.11	2.88	<0.02	29	6.21
1904008	Rock	0.77	0.24	94.93	8.22	46.2	87	83.7	8.0	1025	1.55	3.4	0.1	2.5	2.4	11.4	0.06	5.83	<0.02	3	0.28
1904009	Rock	0.99	0.16	79.35	6.82	47.8	291	145.2	16.7	1734	3.63	35.6	<0.1	0.6	0.6	191.4	0.09	10.29	<0.02	75	6.17
1904010	Rock	0.44	0.17	41.54	4.54	98.4	147	141.9	21.3	2394	5.97	37.5	<0.1	1.7	0.4	127.1	0.08	6.05	<0.02	126	4.27
1904011	Rock	0.47	0.24	113.05	3.26	41.8	420	114.1	20.0	2792	3.83	43.8	<0.1	2.8	0.1	80.1	0.19	34.62	<0.02	68	2.29
1904012	Rock	0.64	0.32	64.19	3.78	81.2	248	155.6	15.8	5419	7.52	26.4	0.1	3.5	0.6	96.6	0.10	15.75	<0.02	49	2.69
1904013	Rock	0.44	0.09	12.26	3.26	22.2	60	63.7	7.1	658	1.78	15.4	<0.1	0.8	0.2	124.3	0.04	5.22	<0.02	26	5.19
1904014	Rock	2.18	0.63	11.46	7.13	33.3	85	45.6	7.9	388	1.49	22.3	<0.1	0.7	0.5	12.4	0.04	2.01	<0.02	29	0.37
1904017	Rock	0.41	0.79	11.97	4.03	23.7	431	8.1	1.0	37	0.83	20.6	0.2	3.9	1.3	56.1	0.01	11.69	0.07	9	0.02
1904018	Rock	0.34	0.37	9.34	4.40	7.2	317	1.6	0.2	25	0.59	12.4	0.1	1.1	1.1	33.8	0.02	9.14	0.05	8	0.01
1904019	Rock	0.34	0.51	14.16	3.39	11.9	144	1.8	0.2	21	0.57	16.2	0.2	2.4	0.7	20.3	0.01	4.18	<0.02	9	0.01
1904020	Rock	0.53	0.48	33.13	2.44	28.2	235	5.3	0.6	29	1.14	35.8	0.2	1.2	0.5	9.5	0.02	9.73	<0.02	24	0.01
1904021	Rock	0.46	0.55	30.40	2.88	21.7	231	3.8	0.4	29	1.00	33.1	0.3	1.6	0.6	17.8	0.02	9.39	<0.02	13	0.02
1904022	Rock	0.55	1.13	34.93	12.08	161.0	213	24.8	3.7	3915	1.27	3.5	0.6	0.9	1.9	620.5	3.06	2.58	0.04	6	9.24
1904023	Rock	0.48	0.40	22.37	2.48	48.8	137	11.6	2.1	1213	0.90	1.2	0.2	0.9	1.0	52.3	0.69	0.66	<0.02	5	1.17
1904024	Rock	0.31	0.47	21.99	3.00	196.1	90	24.2	3.1	1657	0.75	11.1	0.3	1.1	0.3	35.8	2.49	1.00	<0.02	3	1.35
1904025	Rock	0.79	0.51	26.70	4.78	69.2	178	16.6	2.9	276	1.14	2.7	0.3	0.2	1.9	27.4	0.39	0.94	0.10	6	0.31
1904026	Rock	0.32	1.11	13.57	2.55	130.9	189	13.3	2.3	200	0.97	92.9	0.2	7.3	1.7	6.7	2.01	3.41	<0.02	4	0.02
1904027	Rock	0.34	1.47	42.14	9.25	407.8	2334	28.3	3.7	638	1.34	119.2	1.1	34.0	0.6	14.0	3.67	14.76	0.17	3	0.06
1904028	Rock	1.11	1.71	70.61	3.51	657.7	338	70.2	12.2	3633	1.63	97.9	0.6	10.4	1.7	19.5	13.27	6.08	0.05	4	0.41
1904029	Rock	1.09	0.45	39.75	3.62	82.4	203	20.6	4.2	391	1.12	1.6	0.4	0.8	2.1	30.5	0.54	0.69	0.03	8	0.41
1904030	Rock	0.75	0.41	45.51	11.24	45.5	245	14.5	3.6	555	1.10	7.0	0.2	1.9	1.9	56.5	0.73	1.40	0.20	4	0.68
1904031	Rock	0.92	0.34	35.10	6.22	28.9	208	14.7	3.4	421	0.73	2.1	0.3	1.0	2.5	26.9	0.55	0.83	0.10	5	0.39
1904032	Rock	0.75	0.39	27.44	6.67	45.4	143	12.2	2.7	542	0.88	4.6	0.2	3.1	1.7	54.1	0.83	1.43	0.15	4	0.62



BUREAU VERITAS MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: **Petroutsas, Erini**
Box 431
Dawson City Yukon Y0B 1G0 Canada

Project: JA
Report Date: September 14, 2020

Page: 2 of 3

Part: 2 of 3

CERTIFICATE OF ANALYSIS

WHI20000056.1

	Method	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1904001	Rock	0.001	2.4	7.0	3.13	34.7	<0.001	<1	0.14	0.003	<0.01	0.2	2.3	<0.02	<0.02	8	<0.1	<0.02	0.4	0.05	<0.1
1904002	Rock	0.002	3.3	6.8	1.95	40.1	<0.001	<1	0.15	0.002	<0.01	0.1	2.4	<0.02	<0.02	<5	<0.1	<0.02	0.5	0.06	<0.1
1904003	Rock	0.006	5.6	16.5	1.63	96.0	0.001	<1	0.20	<0.001	<0.01	0.2	10.8	<0.02	0.02	20	0.1	<0.02	0.8	0.22	<0.1
1904004	Rock	0.005	4.9	11.8	0.84	67.5	<0.001	<1	0.18	<0.001	<0.01	<0.1	8.1	<0.02	0.03	11	<0.1	<0.02	0.9	0.24	<0.1
1904005	Rock	0.004	6.0	9.4	0.71	58.3	<0.001	<1	0.17	<0.001	<0.01	0.1	8.6	<0.02	0.02	13	<0.1	<0.02	0.7	0.18	<0.1
1904006	Rock	0.013	3.4	15.8	0.47	555.6	0.002	<1	0.26	0.002	0.04	0.5	5.9	<0.02	<0.02	13	<0.1	<0.02	1.1	0.24	<0.1
1904007	Rock	0.008	7.0	20.6	3.24	127.3	0.001	<1	0.30	0.002	<0.01	0.2	5.5	<0.02	<0.02	17	<0.1	<0.02	1.2	0.54	<0.1
1904008	Rock	0.004	6.0	12.9	0.21	233.1	0.001	<1	0.18	0.001	0.06	0.3	2.9	0.04	<0.02	53	<0.1	<0.02	1.0	0.49	<0.1
1904009	Rock	0.011	1.8	62.3	4.15	173.2	0.001	<1	0.25	0.003	<0.01	0.2	11.9	<0.02	0.10	25	0.9	<0.02	1.3	0.45	0.1
1904010	Rock	0.005	1.2	55.0	5.45	83.4	<0.001	<1	0.28	0.005	<0.01	0.1	17.2	0.03	0.10	13	1.5	<0.02	1.5	0.38	0.1
1904011	Rock	0.014	<0.5	41.0	2.00	103.7	0.001	<1	0.15	0.001	<0.01	0.1	13.2	<0.02	0.20	18	2.7	<0.02	0.8	0.29	0.1
1904012	Rock	0.002	1.2	42.1	5.44	52.8	0.003	<1	0.14	0.003	<0.01	0.5	19.4	0.02	0.77	57	6.4	0.05	0.9	0.38	0.2
1904013	Rock	0.001	0.7	25.5	2.87	29.5	<0.001	<1	0.08	0.002	<0.01	<0.1	3.4	<0.02	<0.02	6	0.1	<0.02	0.4	0.15	<0.1
1904014	Rock	<0.001	1.9	20.2	0.97	15.2	0.001	<1	0.16	<0.001	<0.01	<0.1	4.4	<0.02	<0.02	<5	<0.1	<0.02	0.8	0.13	<0.1
1904017	Rock	0.016	3.3	5.0	0.02	405.4	0.001	3	0.13	0.002	0.08	<0.1	0.6	0.20	0.05	21	1.1	0.06	0.6	0.34	<0.1
1904018	Rock	0.017	4.2	4.6	0.02	486.1	<0.001	3	0.13	<0.001	0.07	<0.1	0.5	0.10	0.03	36	0.3	0.03	0.5	0.39	<0.1
1904019	Rock	0.008	2.1	4.7	<0.01	83.6	0.001	<1	0.08	<0.001	0.02	<0.1	0.4	0.33	<0.02	36	0.2	<0.02	0.3	0.15	<0.1
1904020	Rock	0.015	1.0	8.1	<0.01	66.9	0.005	2	0.11	<0.001	<0.01	<0.1	0.7	0.11	<0.02	24	0.3	<0.02	0.4	0.06	<0.1
1904021	Rock	0.016	1.6	6.4	<0.01	113.2	0.001	1	0.13	<0.001	0.02	<0.1	0.6	0.08	<0.02	23	0.5	<0.02	0.5	0.26	<0.1
1904022	Rock	0.138	10.2	8.8	1.09	306.2	0.001	<1	0.33	0.001	0.03	<0.1	2.9	<0.02	0.03	7	0.8	<0.02	0.6	0.14	<0.1
1904023	Rock	0.006	3.1	5.0	0.30	174.3	<0.001	<1	0.11	0.001	0.06	<0.1	0.8	0.02	0.04	13	0.2	0.02	0.5	0.22	<0.1
1904024	Rock	0.012	1.9	5.0	0.03	576.5	<0.001	<1	0.04	<0.001	<0.01	<0.1	0.5	<0.02	0.13	<5	0.6	<0.02	0.2	0.05	<0.1
1904025	Rock	0.015	6.2	5.1	0.10	319.2	0.001	2	0.21	0.002	0.11	<0.1	0.8	0.05	0.20	6	1.2	0.02	0.9	0.38	<0.1
1904026	Rock	0.009	5.9	4.3	<0.01	86.3	<0.001	3	0.12	0.002	0.09	<0.1	0.7	0.07	<0.02	<5	0.8	<0.02	0.4	0.57	<0.1
1904027	Rock	0.010	2.2	5.2	0.02	110.8	<0.001	3	0.08	<0.001	0.03	<0.1	0.7	0.04	0.06	49	1.3	0.03	0.2	0.26	<0.1
1904028	Rock	0.023	2.7	4.4	0.12	110.2	<0.001	2	0.15	0.001	0.09	<0.1	1.6	0.08	0.11	16	1.5	<0.02	0.5	0.49	<0.1
1904029	Rock	0.010	7.5	7.0	0.10	339.6	0.001	1	0.24	0.002	0.12	<0.1	1.0	0.06	0.12	19	0.4	0.02	1.0	0.40	<0.1
1904030	Rock	0.013	4.4	4.4	0.25	284.5	0.001	1	0.20	0.002	0.11	<0.1	0.8	0.07	0.43	12	1.2	0.05	0.6	0.43	<0.1
1904031	Rock	0.014	6.7	5.0	0.16	340.0	0.001	2	0.22	0.002	0.13	<0.1	0.7	0.08	0.19	6	1.0	<0.02	0.8	0.45	<0.1
1904032	Rock	0.015	4.7	4.0	0.23	317.3	<0.001	2	0.20	0.002	0.11	<0.1	0.7	0.06	0.24	11	1.1	<0.02	0.6	0.42	<0.1



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: **Petroutsas, Erini**
Box 431
Dawson City Yukon Y0B 1G0 Canada

Project: JA
Report Date: September 14, 2020

Page: 2 of 3

Part: 3 of 3

CERTIFICATE OF ANALYSIS

WHI20000056.1

	Method Analyte Unit MDL	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252
		Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
		0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
1904001	Rock	0.03	<0.02	<0.1	0.6	<0.05	1.2	1.06	6.4	<0.02	<1	<0.1	0.7	<10	<2
1904002	Rock	<0.02	<0.02	<0.1	0.1	<0.05	1.2	1.02	8.1	<0.02	<1	<0.1	1.0	<10	<2
1904003	Rock	<0.02	<0.02	0.2	0.6	<0.05	0.8	1.11	15.2	0.05	<1	<0.1	1.9	<10	<2
1904004	Rock	<0.02	<0.02	0.3	0.2	<0.05	0.5	0.75	13.1	0.04	<1	<0.1	1.9	<10	<2
1904005	Rock	<0.02	<0.02	0.2	0.3	<0.05	0.4	1.00	18.2	0.05	<1	<0.1	1.9	<10	<2
1904006	Rock	<0.02	<0.02	2.0	0.3	<0.05	2.0	2.68	7.8	<0.02	<1	0.1	1.6	<10	<2
1904007	Rock	0.02	<0.02	0.4	0.2	<0.05	1.7	1.79	17.0	0.02	<1	0.2	2.7	<10	<2
1904008	Rock	<0.02	<0.02	2.9	0.3	<0.05	1.1	1.14	18.2	0.02	<1	<0.1	2.1	<10	3
1904009	Rock	<0.02	<0.02	0.3	0.2	<0.05	1.2	1.85	5.6	0.04	<1	<0.1	2.2	<10	<2
1904010	Rock	0.03	<0.02	0.3	0.1	<0.05	1.2	1.51	3.4	0.08	<1	0.1	2.9	<10	<2
1904011	Rock	<0.02	<0.02	0.3	0.1	<0.05	0.8	1.08	1.8	0.07	<1	<0.1	1.4	<10	<2
1904012	Rock	0.02	<0.02	0.3	<0.1	<0.05	1.1	1.61	3.1	0.07	<1	0.2	1.1	<10	<2
1904013	Rock	<0.02	<0.02	0.1	<0.1	<0.05	0.6	1.28	2.0	<0.02	2	0.1	0.7	<10	<2
1904014	Rock	<0.02	<0.02	0.1	0.2	<0.05	0.5	0.56	4.3	<0.02	1	0.1	1.6	<10	<2
1904017	Rock	0.10	<0.02	4.2	0.1	<0.05	5.1	0.41	6.3	<0.02	<1	<0.1	0.6	<10	<2
1904018	Rock	0.08	<0.02	3.5	0.2	<0.05	4.7	0.42	8.7	<0.02	1	0.1	0.4	<10	<2
1904019	Rock	0.07	<0.02	0.9	0.2	<0.05	2.8	0.26	4.1	<0.02	<1	<0.1	0.4	<10	<2
1904020	Rock	0.05	<0.02	0.2	<0.1	<0.05	2.5	0.24	2.1	<0.02	<1	<0.1	0.5	<10	<2
1904021	Rock	0.09	<0.02	0.9	0.1	<0.05	3.8	0.32	3.6	<0.02	<1	<0.1	0.5	<10	<2
1904022	Rock	0.11	<0.02	1.4	<0.1	<0.05	5.2	30.20	18.3	<0.02	2	<0.1	2.1	<10	<2
1904023	Rock	0.07	<0.02	2.8	<0.1	<0.05	1.9	4.90	6.8	<0.02	<1	<0.1	1.2	<10	<2
1904024	Rock	0.04	<0.02	0.3	<0.1	<0.05	2.4	6.49	3.9	<0.02	<1	<0.1	0.4	<10	<2
1904025	Rock	0.11	<0.02	5.4	<0.1	<0.05	3.7	1.96	13.2	<0.02	<1	<0.1	2.3	<10	<2
1904026	Rock	0.09	<0.02	5.4	0.1	<0.05	4.0	1.09	12.1	<0.02	<1	0.2	0.4	<10	<2
1904027	Rock	0.08	<0.02	1.8	0.2	<0.05	3.8	3.20	4.6	0.05	<1	<0.1	0.5	<10	<2
1904028	Rock	0.14	<0.02	5.5	<0.1	<0.05	4.8	6.69	6.2	<0.02	2	0.2	0.6	10	<2
1904029	Rock	0.09	<0.02	5.7	<0.1	<0.05	3.4	1.51	15.9	<0.02	<1	0.2	2.6	<10	<2
1904030	Rock	0.09	<0.02	5.6	0.1	<0.05	3.2	2.50	9.3	<0.02	<1	0.2	1.2	<10	<2
1904031	Rock	0.09	<0.02	6.4	<0.1	<0.05	2.8	1.52	14.6	<0.02	<1	0.1	1.3	<10	<2
1904032	Rock	0.07	<0.02	5.4	0.1	<0.05	2.4	2.33	10.0	<0.02	<1	<0.1	1.1	<10	<2



Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Project: JA
Report Date: September 14, 2020

Page: 3 of 3

Part: 1 of 3

CERTIFICATE OF ANALYSIS

WHI20000056.1

	Method Analyte Unit MDL	WGHT	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
1904033	Rock	0.79	2.14	52.56	2.69	233.9	808	28.9	2.4	163	1.35	113.7	0.4	14.7	2.7	6.2	2.31	25.37	0.06	6	0.04
1904034	Rock	0.45	0.50	20.90	2.56	159.9	995	26.5	3.3	1347	0.57	19.2	1.4	5.3	0.4	7.8	9.42	5.21	0.03	2	0.13
1904035	Rock	0.62	0.03	6.44	0.54	17.8	25	1103.7	62.3	520	3.50	37.3	0.1	<0.2	<0.1	73.4	0.04	1.23	<0.02	27	1.65
1904036	Rock	0.75	0.02	7.01	1.57	19.5	31	1112.6	64.5	666	4.08	33.0	0.1	<0.2	<0.1	67.6	0.02	1.28	<0.02	31	1.38
1904037	Rock	0.64	<0.01	15.23	0.29	12.3	59	1018.5	60.7	670	3.64	49.7	0.5	<0.2	<0.1	11.5	<0.01	0.31	<0.02	28	0.21
1904038	Rock	0.36	0.03	9.90	0.56	9.9	55	1234.3	62.3	743	4.14	82.4	0.5	1.8	<0.1	9.7	0.02	0.42	<0.02	32	0.26
1904039	Rock	0.35	<0.01	7.31	2.46	13.5	46	958.7	57.4	809	3.33	49.3	0.4	<0.2	<0.1	16.5	0.02	0.36	<0.02	23	0.37
1904040	Rock	0.56	0.03	0.77	1.07	13.9	10	1013.8	42.8	977	3.48	4.4	0.1	1.1	<0.1	112.1	0.05	0.63	<0.02	11	2.54
1904041	Rock	0.53	0.02	0.55	1.03	14.2	8	889.9	37.5	677	2.97	5.2	0.1	<0.2	<0.1	192.1	0.02	0.71	<0.02	8	5.11
1904042	Rock	0.53	0.03	0.49	0.41	16.8	<2	934.4	45.6	690	3.95	3.6	0.2	<0.2	<0.1	249.7	0.02	1.64	<0.02	12	8.78
1904043	Rock	1.00	0.19	6.07	1.52	15.3	26	39.7	3.8	347	0.88	1.6	<0.1	<0.2	1.0	5.9	0.02	0.40	<0.02	12	0.12
1904044	Rock	0.94	0.06	1.13	0.80	17.6	23	2059.6	85.3	1960	4.10	40.5	1.2	40.5	<0.1	148.2	0.03	1.77	<0.02	16	4.31
1904045	Rock	0.75	0.02	14.97	0.70	14.4	57	1070.1	73.3	1096	4.79	79.7	0.3	0.4	<0.1	18.9	0.02	0.75	<0.02	27	0.43



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: **Petroutsas, Erini**
Box 431
Dawson City Yukon Y0B 1G0 Canada

Project: JA
Report Date: September 14, 2020

Page: 3 of 3

Part: 2 of 3

CERTIFICATE OF ANALYSIS

WHI20000056.1

	Method Analyte Unit MDL	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
		0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
1904033	Rock	0.023	8.0	4.9	0.01	119.7	<0.001	3	0.22	0.002	0.13	<0.1	1.0	0.07	<0.02	20	0.5	0.02	0.5	0.78
1904034	Rock	0.008	1.3	3.1	0.05	32.3	<0.001	3	0.08	<0.001	0.02	<0.1	1.0	0.03	<0.02	8	0.2	<0.02	0.2	0.18
1904035	Rock	<0.001	<0.5	1315.5	16.80	39.5	<0.001	<1	0.44	0.003	<0.01	<0.1	8.2	<0.02	<0.02	14	<0.1	<0.02	1.1	2.85
1904036	Rock	<0.001	<0.5	1465.0	15.86	34.1	<0.001	1	0.50	0.003	<0.01	0.3	8.7	<0.02	<0.02	13	<0.1	<0.02	1.0	2.83
1904037	Rock	<0.001	<0.5	1108.7	13.39	10.7	<0.001	<1	0.47	<0.001	<0.01	<0.1	9.1	<0.02	<0.02	<5	<0.1	<0.02	1.0	0.81
1904038	Rock	<0.001	<0.5	1405.5	13.03	19.2	<0.001	<1	0.56	<0.001	<0.01	<0.1	10.2	<0.02	<0.02	9	<0.1	<0.02	1.0	1.28
1904039	Rock	<0.001	<0.5	882.1	13.28	14.9	<0.001	<1	0.39	<0.001	<0.01	<0.1	7.9	<0.02	<0.02	5	<0.1	<0.02	0.8	0.80
1904040	Rock	<0.001	<0.5	389.9	17.53	45.5	<0.001	<1	0.11	0.002	<0.01	0.7	3.1	<0.02	<0.02	28	1.0	<0.02	0.3	2.55
1904041	Rock	0.002	<0.5	218.6	13.43	65.6	<0.001	<1	0.07	0.002	<0.01	1.1	2.2	<0.02	<0.02	15	0.6	<0.02	0.2	2.25
1904042	Rock	<0.001	<0.5	118.9	16.04	112.3	<0.001	<1	0.08	0.002	<0.01	0.9	2.3	<0.02	<0.02	148	0.3	<0.02	0.3	2.47
1904043	Rock	0.001	2.9	26.8	0.25	51.6	0.001	<1	0.11	0.023	<0.01	<0.1	2.0	<0.02	<0.02	7	<0.1	<0.02	0.6	0.74
1904044	Rock	<0.001	0.6	802.3	14.75	84.2	<0.001	<1	0.14	0.003	<0.01	0.4	4.1	<0.02	<0.02	35	1.0	<0.02	0.7	4.50
1904045	Rock	<0.001	<0.5	806.9	15.51	17.1	<0.001	<1	0.52	<0.001	<0.01	<0.1	7.7	<0.02	<0.02	6	<0.1	<0.02	1.2	0.88



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: **Petroutsas, Erini**
Box 431
Dawson City Yukon Y0B 1G0 Canada

Project: JA
Report Date: September 14, 2020

Page: 3 of 3

Part: 3 of 3

CERTIFICATE OF ANALYSIS

WHI20000056.1

	Method Analyte Unit MDL	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252
		Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
		0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
1904033	Rock	0.14	<0.02	7.3	0.1	<0.05	5.9	1.38	16.7	<0.02	<1	<0.1	0.9	<10	<2
1904034	Rock	0.04	<0.02	1.4	0.1	<0.05	1.7	5.68	3.1	<0.02	<1	<0.1	0.9	10	<2
1904035	Rock	<0.02	<0.02	0.9	<0.1	<0.05	1.0	0.87	0.3	<0.02	<1	0.1	4.2	<10	5
1904036	Rock	0.04	<0.02	0.8	0.7	<0.05	1.2	1.02	0.3	<0.02	<1	0.2	3.6	<10	<2
1904037	Rock	<0.02	<0.02	0.2	<0.1	<0.05	1.0	0.81	0.2	<0.02	<1	<0.1	2.7	<10	3
1904038	Rock	<0.02	<0.02	0.3	<0.1	<0.05	1.4	0.90	0.2	<0.02	1	0.2	3.9	<10	3
1904039	Rock	<0.02	<0.02	0.2	<0.1	<0.05	0.9	0.84	0.2	<0.02	<1	0.2	1.9	<10	<2
1904040	Rock	<0.02	<0.02	0.6	<0.1	<0.05	0.9	0.61	0.5	<0.02	<1	<0.1	1.6	<10	2
1904041	Rock	<0.02	<0.02	0.5	<0.1	<0.05	1.0	0.61	0.5	<0.02	<1	0.2	1.3	<10	<2
1904042	Rock	0.03	<0.02	0.7	<0.1	<0.05	2.5	0.95	0.7	<0.02	<1	0.3	1.8	<10	<2
1904043	Rock	<0.02	<0.02	0.6	<0.1	<0.05	0.7	0.81	7.6	<0.02	<1	<0.1	1.8	<10	<2
1904044	Rock	0.03	<0.02	0.9	<0.1	<0.05	2.0	1.76	1.4	<0.02	<1	0.1	1.4	<10	4
1904045	Rock	<0.02	<0.02	0.3	<0.1	<0.05	0.8	1.37	0.3	<0.02	<1	<0.1	2.5	<10	3



**BUREAU
VERITAS**

MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client:

Petroutsas, Erini

Box 431

Dawson City Yukon Y0B 1G0 Canada

Project:

JA

Report Date:

September 14, 2020

Page:

1 of 1

Part:

1 of 3

QUALITY CONTROL REPORT

WHI20000056.1

	Method Analyte Unit MDL	WGHT	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1
Pulp Duplicates																					
1904019	Rock	0.34	0.51	14.16	3.39	11.9	144	1.8	0.2	21	0.57	16.2	0.2	2.4	0.7	20.3	0.01	4.18	<0.02	9	0.01
REP 1904019	QC		0.48	14.43	3.40	12.0	148	1.8	0.2	22	0.57	16.3	0.2	3.0	0.8	20.1	0.02	4.08	<0.02	10	0.01
1904039	Rock	0.35	<0.01	7.31	2.46	13.5	46	958.7	57.4	809	3.33	49.3	0.4	<0.2	<0.1	16.5	0.02	0.36	<0.02	23	0.37
REP 1904039	QC		0.02	7.69	2.41	14.4	52	959.0	56.7	821	3.33	49.4	0.4	<0.2	<0.1	15.9	0.03	0.46	<0.02	23	0.37
Core Reject Duplicates																					
1904025	Rock	0.79	0.51	26.70	4.78	69.2	178	16.6	2.9	276	1.14	2.7	0.3	0.2	1.9	27.4	0.39	0.94	0.10	6	0.31
DUP 1904025	QC		0.49	25.96	4.89	70.9	181	16.0	3.0	273	1.16	3.0	0.3	0.6	1.7	25.4	0.33	1.02	0.09	5	0.29
Reference Materials																					
STD BVGEO01	Standard		10.73	4301.63	183.97	1670.6	2567	158.7	24.6	733	3.62	117.5	3.7	229.2	14.0	61.6	6.37	3.53	26.03	73	1.35
STD DS11	Standard		15.54	143.78	137.52	342.0	1782	81.7	13.8	1050	3.13	42.0	2.6	87.9	7.9	68.9	2.29	7.84	11.24	49	1.06
STD OREAS262	Standard		0.66	109.24	53.84	146.0	452	62.8	27.1	547	3.21	34.7	1.1	61.6	8.9	35.1	0.60	4.93	1.05	23	2.96
STD OREAS262	Standard		0.64	109.81	55.16	145.0	451	65.6	27.6	537	3.22	33.9	1.2	60.5	8.9	34.2	0.58	4.74	0.92	22	2.99
STD BVGEO01 Expected			11.2	4415	187	1741	2530	163	25	733	3.7	121	3.77	219	14.4	55	6.5	3.39	25.6	73	1.3219
STD DS11 Expected			14.6	149	138	345	1710	77.7	14.2	1055	3.1	42.8	2.59	79	7.65	67.3	2.37	8.74	12.2	50	1.063
STD OREAS262 Expected			0.68	118	56	154	450	62	26.9	530	3.284	35.8	1.22	65	9.33	36	0.61	5.06	1.03	22.5	2.98
BLK	Blank		<0.01	<0.01	<0.01	<0.1	<2	0.3	0.1	1	<0.01	0.3	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01
BLK	Blank		<0.01	<0.01	<0.01	<0.1	<2	0.2	<0.1	<1	<0.01	0.2	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01
Prep Wash																					
ROCK-WHI	Prep Blank		0.95	3.91	11.67	40.9	83	1.4	3.7	484	1.74	1.5	0.5	0.7	2.3	26.3	0.09	0.53	<0.02	23	0.74
ROCK-WHI	Prep Blank		0.99	5.91	5.26	37.5	38	1.5	4.0	512	1.89	1.0	0.4	0.5	2.1	26.6	0.04	0.25	<0.02	26	0.68



**BUREAU
VERITAS**

MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: **Petroutsas, Erini**
Box 431
Dawson City Yukon Y0B 1G0 Canada

Project: JA
Report Date: September 14, 2020

Page: 1 of 1

Part: 2 of 3

QUALITY CONTROL REPORT

WHI20000056.1

	Method Analyte Unit MDL	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge	
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	
		0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
Pulp Duplicates																						
1904019	Rock	0.008	2.1	4.7	<0.01	83.6	0.001	<1	0.08	<0.001	0.02	<0.1	0.4	0.33	<0.02	36	0.2	<0.02	0.3	0.15	<0.1	
REP 1904019	QC	0.009	2.2	4.8	<0.01	85.2	0.001	1	0.08	<0.001	0.02	<0.1	0.4	0.32	<0.02	38	0.2	<0.02	0.3	0.15	<0.1	
1904039	Rock	<0.001	<0.5	882.1	13.28	14.9	<0.001	<1	0.39	<0.001	<0.01	<0.1	7.9	<0.02	<0.02	5	<0.1	<0.02	0.8	0.80	0.1	
REP 1904039	QC	<0.001	<0.5	891.4	13.55	15.2	<0.001	<1	0.39	<0.001	<0.01	<0.1	7.8	<0.02	<0.02	<5	<0.1	<0.02	0.8	0.81	0.1	
Core Reject Duplicates																						
1904025	Rock	0.015	6.2	5.1	0.10	319.2	0.001	2	0.21	0.002	0.11	<0.1	0.8	0.05	0.20	6	1.2	0.02	0.9	0.38	<0.1	
DUP 1904025	QC	0.013	5.8	5.4	0.09	304.1	0.001	1	0.20	0.002	0.10	<0.1	0.8	0.05	0.20	15	1.3	<0.02	0.8	0.36	<0.1	
Reference Materials																						
STD BVGEO01	Standard	0.071	26.8	207.8	1.30	303.4	0.244	4	2.37	0.204	0.88	5.0	6.5	0.62	0.66	118	4.3	1.00	7.3	7.43	0.2	
STD DS11	Standard	0.067	18.4	62.0	0.86	370.4	0.101	6	1.20	0.079	0.41	2.8	3.5	4.72	0.28	274	1.9	4.47	5.3	2.82	<0.1	
STD OREAS262	Standard	0.038	16.8	44.6	1.18	253.8	0.003	4	1.39	0.068	0.33	0.2	3.4	0.44	0.26	145	0.2	0.19	4.0	2.68	<0.1	
STD OREAS262	Standard	0.038	16.6	44.0	1.16	240.8	0.003	4	1.33	0.068	0.32	0.2	3.4	0.44	0.26	156	0.3	0.20	3.9	2.63	<0.1	
STD BVGEO01 Expected		0.0727	25.9	187	1.2963	260	0.233	3.8	2.347	0.1924	0.89	5.3	5.97	0.62	0.6655	100	4.84	1.02	7.37	7.36	0.15	
STD DS11 Expected		0.0701	18.6	61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	3.4	4.9	0.2835	260	2.2	4.56	5.1	2.88	0.08	
STD OREAS262 Expected		0.04	15.9	41.7	1.17	248	0.0027	4	1.3	0.071	0.312	0.2	3.24	0.47	0.253	170	0.4	0.23	4.1	2.8		
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	
Prep Wash																						
ROCK-WHI	Prep Blank	0.041	6.8	4.3	0.47	66.2	0.078	1	1.02	0.163	0.14	0.1	4.0	<0.02	0.04	<5	<0.1	<0.02	4.0	0.18	0.1	
ROCK-WHI	Prep Blank	0.042	6.6	4.5	0.51	64.0	0.079	2	1.01	0.137	0.12	<0.1	4.0	<0.02	0.03	<5	<0.1	<0.02	3.9	0.18	0.1	



**BUREAU
VERITAS**

MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Client: **Petroutsas, Erini**
Box 431
Dawson City Yukon Y0B 1G0 Canada

Project: JA
Report Date: September 14, 2020

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Page: 1 of 1

Part: 3 of 3

QUALITY CONTROL REPORT

WHI20000056.1

	Method Analyte Unit MDL	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252
		Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
		0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
Pulp Duplicates															
1904019	Rock	0.07	<0.02	0.9	0.2	<0.05	2.8	0.26	4.1	<0.02	<1	<0.1	0.4	<10	<2
REP 1904019	QC	0.06	<0.02	0.9	0.1	<0.05	2.9	0.24	4.3	<0.02	<1	<0.1	0.3	<10	<2
1904039	Rock	<0.02	<0.02	0.2	<0.1	<0.05	0.9	0.84	0.2	<0.02	<1	0.2	1.9	<10	<2
REP 1904039	QC	<0.02	<0.02	0.2	<0.1	<0.05	0.9	0.86	0.2	<0.02	<1	0.2	2.1	<10	5
Core Reject Duplicates															
1904025	Rock	0.11	<0.02	5.4	<0.1	<0.05	3.7	1.96	13.2	<0.02	<1	<0.1	2.3	<10	<2
DUP 1904025	QC	0.10	<0.02	5.3	<0.1	<0.05	3.8	1.95	12.4	<0.02	1	0.1	2.3	<10	<2
Reference Materials															
STD BVGEO01	Standard	0.33	0.31	91.6	5.9	<0.05	8.9	14.50	56.3	0.46	6	0.6	22.0	138	203
STD DS11	Standard	0.08	1.59	33.0	1.8	<0.05	3.1	8.11	38.5	0.24	42	0.8	23.0	111	167
STD OREAS262	Standard	0.27	<0.02	18.2	0.5	<0.05	9.8	10.53	35.6	0.03	2	1.2	17.7	<10	<2
STD OREAS262	Standard	0.23	<0.02	17.6	0.5	<0.05	9.6	10.10	33.8	0.04	2	1.1	18.3	<10	2
STD BVGEO01 Expected		0.32	0.3	95	5.64		9.1	14.5	53	0.47	4	0.69	21.4	134	182
STD DS11 Expected		0.06	1.53	33.6	1.8		3.1	7.82	37	0.24	50	0.67	23.3	100	172
STD OREAS262 Expected		0.27		18.6	0.5		11.7	11.2	32	0.033		1.14	17.8		
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	0.2	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
Prep Wash															
ROCK-WHI	Prep Blank	0.18	0.26	2.9	0.6	<0.05	3.5	9.50	14.0	<0.02	<1	0.1	1.7	<10	<2
ROCK-WHI	Prep Blank	0.16	0.23	2.8	0.4	<0.05	3.9	9.62	13.9	<0.02	<1	0.1	1.5	43	<2