



**BUREAU
VERITAS**

MINERAL LABORATORIES
Canada

www.bvna.com/mining-laboratory-services

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client:

Palmer

470 Granville St. - Suite 630

Vancouver British Columbia V6C 1V5 Canada

Submitted By: Dave Sacco
Receiving Lab: Canada-Vancouver
Received: November 15, 2022
Analysis Start: January 03, 2023
Report Date: February 07, 2023
Page: 1 of 3

CERTIFICATE OF ANALYSIS

VAN22003376.1

CLIENT JOB INFORMATION

Project: AER
Shipment ID: 33324095
P.O. Number: 2207801
Number of Samples: 41

SAMPLE DISPOSAL

IMM-PLP Return immediately after analysis
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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


SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS230	37	Dry at 60C sieve 100g to -230 mesh			VAN
SLBHP	4	Sort, label and box pulps			VAN
SPTPL	35	Splitting of pulp samples for extra analysis			VAN
LF100-EXT	41	LiBO2/Li2B4O7 fusion ICP-MS analysis	0.2	Completed	VAN
LF300	41	LiBO2/Li2B4O7 fusion ICP-ES analysis	0.2	Completed	VAN
TC000-C	41	Total C Analysis by Leco	0.1	Completed	VAN
TC005	41	Graphite and Organic C by Leco After Ignition	0.1	Completed	VAN
TC006	41	Inorganic Carbon	0.2	Completed	VAN
AQ251_EXT_REE	41	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Palmer
470 Granville St. - Suite 630
Vancouver British Columbia V6C 1V5
Canada

CC: Dean Meek


Martin Wong
Data Validation Specialist

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.bvna.com/mining-laboratory-services

Client: **Palmer**
470 Granville St. - Suite 630
Vancouver British Columbia V6C 1V5 Canada

Project: AER
Report Date: February 07, 2023

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Page: 2 of 3

Part: 1 of 7

CERTIFICATE OF ANALYSIS

VAN22003376.1

Method		WGHT	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100
Analyte		Wgt	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1
AER22TS-3078	Till	1.55	642	<1	6.1	4.5	14.4	6.5	11.7	83.9	1	118.4	0.8	10.1	2.5	99	1.3	261.7	18.8	29.7	55.3
AER22TS-3079	Till	1.87	728	3	14.1	4.6	13.6	7.0	11.4	76.2	1	130.1	0.8	9.6	2.7	113	1.3	280.1	24.2	31.6	63.4
AER22TS-3080	Till	2.32	907	3	9.6	3.3	15.2	10.5	12.1	64.3	10	196.9	1.0	14.9	4.6	111	1.8	434.5	36.0	46.2	82.7
AER22TS-3081	Pulp DUP		780	<1	15.1	4.1	12.8	6.0	10.4	72.8	1	161.4	0.7	9.3	2.3	106	1.2	229.0	23.3	29.4	60.9
AER22TS-3082	Till	2.33	856	<1	11.2	2.4	14.1	5.7	9.4	60.3	3	204.9	0.7	8.2	2.4	87	1.1	226.3	18.0	28.5	55.3
AER22TS-3083	Till	1.63	875	<1	10.7	4.8	15.6	6.1	11.2	81.6	2	151.7	0.7	10.5	2.8	110	1.3	236.7	28.2	35.3	63.6
AER22TS-3084	Till	1.73	807	1	9.7	4.0	14.2	7.4	11.0	80.7	1	145.4	0.8	11.2	2.5	103	1.1	284.2	23.6	33.2	66.5
AER22TS-3085	Till	2.25	990	<1	14.7	2.7	16.9	5.9	9.2	57.2	1	145.7	0.6	10.1	2.3	127	1.3	236.0	36.9	33.9	62.1
AER22TS-3086	Till	2.02	915	<1	9.9	3.3	14.6	8.0	11.4	68.3	2	180.9	0.8	11.0	3.0	101	1.3	305.7	33.2	37.0	65.2
AER22TS-3087	Till	1.73	909	2	10.9	4.3	18.0	4.8	12.1	88.3	2	155.5	0.7	11.4	2.9	109	1.7	187.8	27.6	39.6	71.6
AER22TS-3088	Till	2.21	828	1	10.4	4.2	13.2	5.8	11.6	78.5	1	135.2	0.8	8.9	2.6	111	1.1	225.2	23.2	31.5	58.8
AER22TS-3089	Till	2.32	877	1	10.5	2.0	15.2	6.6	9.6	41.5	<1	288.8	0.7	9.1	2.9	86	0.9	275.1	18.6	28.6	54.1
AER22TS-3090	Till	1.89	806	2	15.8	4.2	13.4	6.1	11.4	78.3	1	163.3	0.7	10.1	2.6	112	1.5	246.8	25.8	31.7	62.0
AER22TS-3091	Till	2.42	797	<1	14.1	4.3	14.0	6.5	11.1	76.3	2	161.1	0.8	9.7	2.7	108	1.0	242.5	24.5	31.7	62.7
AER22TS-3092	Till	1.93	940	1	11.6	3.8	14.9	6.3	11.1	71.4	<1	160.1	0.8	9.7	3.1	112	1.5	242.5	26.3	31.5	58.3
AER22TS-3093	Rock Pulp	0.07	481	1	54.0	1.9	13.0	4.0	17.2	39.0	6	404.4	0.5	3.8	1.0	59	<0.5	160.3	12.1	31.9	56.4
AER22TS-3094	Till	2.12	768	4	16.3	4.2	14.2	8.5	11.4	78.1	1	111.8	0.9	10.2	3.1	112	1.0	341.8	28.5	32.4	64.8
AER22TS-3095	Till	2.42	706	<1	7.8	2.8	13.0	7.7	11.1	72.4	1	133.7	0.8	8.5	2.6	75	1.1	310.5	16.6	27.3	53.9
AER22TS-3096	Till	2.29	668	<1	7.1	3.0	13.1	6.5	10.9	60.6	1	150.8	0.7	7.8	2.8	80	1.2	267.1	18.4	25.7	48.4
AER22TS-3097	Till	1.50	789	<1	11.0	4.2	15.9	7.6	11.7	86.9	1	154.7	0.8	11.2	3.1	113	1.3	298.7	27.2	36.3	66.7
AER22TS-3098	Till	2.27	1243	2	24.7	5.1	16.6	4.8	10.2	81.1	1	225.5	0.7	10.6	3.3	118	2.8	187.5	22.2	29.1	60.1
AER22TS-3099	Till	2.29	918	3	15.1	3.8	13.8	7.1	10.4	70.2	<1	188.9	0.6	9.6	3.2	106	1.5	281.3	26.0	29.7	63.1
AER22TS-3100	Till	2.37	623	<1	5.6	2.7	9.1	7.2	10.4	57.4	2	104.9	0.7	7.7	3.0	81	1.2	299.2	17.4	24.2	46.1
AER22TS-3101	Pulp DUP		749	3	9.7	16.9	18.3	3.4	10.7	119.7	1	156.1	0.8	11.4	5.2	126	3.9	132.0	22.6	27.5	52.8
AER22TS-3102	Till	2.03	743	3	20.4	1.9	19.1	10.6	12.8	39.5	2	254.5	1.2	16.3	3.3	194	1.9	428.8	24.0	37.6	73.3
AER22TS-3103	Till	2.00	727	<1	9.3	3.7	11.6	3.8	9.0	68.4	<1	174.9	0.6	8.3	2.3	90	1.0	154.7	18.7	28.2	51.6
AER22TS-3104	Till	2.42	662	1	9.5	3.2	11.2	6.6	9.4	63.6	1	135.5	0.6	7.5	2.3	77	0.9	260.7	19.4	26.6	50.4
AER22TS-3105	Till	2.54	939	2	10.7	3.5	12.3	4.5	9.3	72.4	<1	206.7	0.8	8.7	2.4	86	1.5	185.4	19.8	26.4	50.5
AER22TS-3106	Till	2.13	939	<1	8.5	3.9	13.7	6.7	12.3	71.8	2	238.9	0.8	10.1	3.1	97	1.8	263.1	24.0	32.7	62.6
AER22TS-3107	Till	1.79	757	<1	12.8	16.7	19.0	3.4	10.4	121.9	1	159.4	0.8	11.5	5.5	128	4.0	127.6	23.5	29.3	56.0



BUREAU MINERAL LABORATORIES
VERITAS Canada

www.bvna.com/mining-laboratory-services

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client:

Palmer

470 Granville St. - Suite 630

Vancouver British Columbia V6C 1V5 Canada

Project:

AER

Report Date:

February 07, 2023

Page:

2 of 3

Part:

2 of 7

CERTIFICATE OF ANALYSIS

VAN22003376.1

Method Analyte Unit MDL		LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
		Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.02	0.3	0.05	0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1
AER22TS-3078	Till	6.71	25.0	4.49	0.86	3.60	0.57	3.29	0.68	2.00	0.30	2.05	0.32	0.5	18.8	9.8	50	18.4	6.2	<0.1	0.2
AER22TS-3079	Till	7.47	28.2	5.26	1.13	4.98	0.72	4.14	0.92	2.56	0.37	2.60	0.40	0.9	26.5	14.7	70	32.0	9.6	0.2	0.3
AER22TS-3080	Till	10.77	41.1	7.67	1.73	7.60	1.09	6.15	1.26	3.41	0.52	3.47	0.53	0.8	27.6	11.4	79	37.0	14.3	0.1	0.4
AER22TS-3081	Pulp DUP	6.95	25.8	4.82	1.06	4.40	0.65	3.96	0.79	2.46	0.34	2.24	0.33	0.9	24.1	13.6	70	33.6	9.5	0.4	0.3
AER22TS-3082	Till	6.43	23.1	4.24	0.97	3.88	0.56	3.33	0.63	1.86	0.28	1.84	0.26	0.5	13.2	8.9	59	34.0	9.4	0.1	0.3
AER22TS-3083	Till	8.19	31.3	6.06	1.33	5.73	0.84	4.70	1.00	2.72	0.40	2.73	0.39	0.7	29.8	13.5	71	33.9	10.1	<0.1	0.4
AER22TS-3084	Till	7.52	28.7	5.47	1.16	4.83	0.76	4.53	0.92	2.62	0.37	2.41	0.39	1.3	22.2	12.1	77	31.1	13.3	0.1	0.3
AER22TS-3085	Till	9.17	38.0	8.05	1.96	7.92	1.11	6.46	1.27	3.65	0.47	3.04	0.48	0.3	27.2	12.0	77	53.1	9.5	0.1	0.3
AER22TS-3086	Till	8.80	35.1	6.71	1.51	6.68	0.93	5.48	1.08	3.26	0.47	3.00	0.46	0.6	28.4	12.2	72	33.7	12.0	<0.1	0.4
AER22TS-3087	Till	9.48	34.3	6.85	1.49	6.25	0.88	4.68	0.97	2.74	0.38	2.50	0.35	0.4	30.3	11.9	74	39.0	7.1	<0.1	0.2
AER22TS-3088	Till	7.05	26.7	4.85	1.10	4.54	0.66	4.01	0.81	2.35	0.35	2.28	0.36	0.5	24.2	11.5	75	28.3	7.8	0.2	0.2
AER22TS-3089	Till	6.39	23.0	4.64	1.02	4.08	0.59	3.56	0.64	1.82	0.28	1.91	0.28	0.3	15.4	9.3	64	25.1	5.8	0.2	0.2
AER22TS-3090	Till	7.16	27.3	4.84	1.09	4.78	0.70	4.12	0.88	2.57	0.35	2.42	0.37	1.0	24.5	14.6	72	34.8	18.5	0.4	0.3
AER22TS-3091	Till	7.31	28.6	4.90	1.07	4.64	0.70	4.18	0.82	2.52	0.36	2.42	0.37	1.0	24.6	13.6	72	34.1	10.2	0.4	0.3
AER22TS-3092	Till	7.18	28.6	5.28	1.22	5.10	0.74	4.19	0.86	2.51	0.37	2.46	0.37	0.8	30.1	13.4	81	45.5	9.3	0.2	0.3
AER22TS-3093	Rock Pulp	6.73	24.5	3.99	1.07	2.99	0.38	2.05	0.38	1.18	0.16	1.15	0.17	11.8	158.8	276.6	212	82.5	9.6	0.5	0.2
AER22TS-3094	Till	7.69	28.6	5.51	1.24	5.46	0.80	4.80	1.03	3.04	0.41	2.77	0.42	0.9	23.7	17.9	113	39.7	14.7	0.7	0.4
AER22TS-3095	Till	6.09	21.6	3.67	0.75	3.09	0.47	2.80	0.64	1.79	0.28	1.97	0.31	0.4	7.7	7.8	45	18.8	5.5	<0.1	0.2
AER22TS-3096	Till	5.89	22.7	3.79	0.85	3.42	0.52	3.24	0.65	1.97	0.29	1.92	0.32	0.7	15.1	9.4	54	19.3	8.4	0.2	0.2
AER22TS-3097	Till	8.17	30.7	5.96	1.26	5.35	0.81	5.05	0.93	2.88	0.38	2.69	0.44	0.9	21.0	11.5	62	32.0	7.0	<0.1	0.2
AER22TS-3098	Till	6.67	25.0	4.84	1.08	4.24	0.64	3.81	0.76	2.46	0.32	2.13	0.33	0.6	34.0	15.7	83	45.4	9.0	0.3	0.2
AER22TS-3099	Till	7.27	27.5	5.62	1.21	5.33	0.75	4.43	0.92	2.62	0.37	2.58	0.40	0.5	24.2	13.5	71	31.0	9.2	0.2	0.3
AER22TS-3100	Till	5.40	20.5	3.60	0.68	2.94	0.47	3.28	0.62	2.14	0.29	1.99	0.33	0.5	10.6	5.8	39	15.5	5.4	<0.1	0.1
AER22TS-3101	Pulp DUP	6.33	23.1	4.56	1.01	4.15	0.62	3.55	0.73	2.23	0.30	2.10	0.33	0.9	44.5	21.2	65	30.0	16.1	<0.1	2.2
AER22TS-3102	Till	8.55	31.8	5.88	1.22	5.23	0.72	4.29	0.82	2.59	0.37	2.67	0.43	0.4	27.7	11.1	113	39.3	10.2	0.3	0.4
AER22TS-3103	Till	6.26	23.4	4.48	0.83	3.73	0.54	3.36	0.66	1.84	0.27	1.81	0.27	0.5	21.3	10.0	61	27.7	8.5	0.2	0.3
AER22TS-3104	Till	5.92	21.8	3.79	0.88	3.63	0.51	3.38	0.63	2.07	0.28	2.03	0.31	0.4	14.0	8.4	53	21.9	6.5	0.2	0.2
AER22TS-3105	Till	6.27	24.2	4.53	0.97	3.96	0.56	3.36	0.64	1.95	0.29	1.94	0.29	0.2	28.2	10.9	74	31.9	5.5	0.4	0.2
AER22TS-3106	Till	7.70	30.2	5.47	1.16	5.30	0.73	4.28	0.87	2.62	0.36	2.37	0.36	1.1	28.7	16.1	89	35.9	12.4	0.2	0.5
AER22TS-3107	Till	6.74	26.0	4.96	1.05	4.63	0.68	4.07	0.81	2.29	0.35	2.25	0.35	0.9	49.0	24.5	69	31.3	17.4	<0.1	1.7



BUREAU VERITAS MINERAL LABORATORIES
Canada

www.bvna.com/mining-laboratory-services

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client:

Palmer

470 Granville St. - Suite 630

Vancouver British Columbia V6C 1V5 Canada

Project:

AER

Report Date:

February 07, 2023

Page:

2 of 3

Part:

3 of 7

CERTIFICATE OF ANALYSIS

VAN22003376.1

Method Analyte Unit MDL		AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	LF300	LF300	LF300	LF300	LF300	LF300	LF300	LF300	LF300	LF300	LF300	LF300	LF300	LF300
		Bi	Ag	Au	Hg	Tl	Se	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ba	Ni	Sr
		ppm	ppm	ppb	ppm	ppm	ppm	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm
		0.1	0.1	0.5	0.01	0.1	0.5	0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	5	20	2
AER22TS-3078	Till	0.2	<0.1	1.6	0.04	0.3	<0.5	67.82	12.93	4.22	1.27	0.82	0.92	2.09	0.66	0.10	0.02	0.010	667	<20	127
AER22TS-3079	Till	0.2	0.1	1.5	0.06	0.3	<0.5	62.36	12.52	4.88	1.99	3.36	0.82	2.07	0.62	0.17	0.07	0.010	737	35	136
AER22TS-3080	Till	0.2	<0.1	2.8	0.06	0.3	<0.5	63.45	13.78	5.52	1.44	2.18	1.60	1.97	0.74	0.25	0.06	0.015	907	38	208
AER22TS-3081	Pulp DUP	0.2	<0.1	1.1	0.05	0.3	<0.5	59.89	12.43	4.84	2.11	5.49	0.98	2.06	0.61	0.17	0.09	0.010	788	34	166
AER22TS-3082	Till	0.1	<0.1	0.6	0.04	0.2	<0.5	64.38	14.01	4.72	1.87	1.50	1.85	1.96	0.61	0.17	0.06	0.011	867	35	213
AER22TS-3083	Till	0.2	0.1	1.8	0.06	0.3	<0.5	63.69	13.98	5.15	1.51	1.31	1.18	2.27	0.66	0.16	0.06	0.011	868	34	161
AER22TS-3084	Till	0.2	0.1	1.4	0.07	0.2	0.5	64.21	12.84	5.73	1.28	1.20	1.07	2.23	0.62	0.14	0.09	0.011	799	34	151
AER22TS-3085	Till	0.2	<0.1	1.8	0.07	0.1	<0.5	57.58	15.80	6.91	2.41	1.67	1.75	1.72	0.61	0.22	0.06	0.014	980	53	144
AER22TS-3086	Till	0.2	<0.1	2.2	0.07	0.2	<0.5	66.76	13.48	4.88	1.52	1.36	1.71	2.15	0.65	0.21	0.07	0.012	923	33	191
AER22TS-3087	Till	0.2	<0.1	2.1	0.08	0.2	<0.5	61.97	15.17	5.64	1.98	1.37	1.47	2.63	0.70	0.19	0.06	0.011	924	37	161
AER22TS-3088	Till	0.2	0.1	1.3	0.05	0.2	<0.5	62.99	12.21	4.24	1.97	3.91	0.82	2.13	0.64	0.18	0.05	0.010	820	26	139
AER22TS-3089	Till	0.1	<0.1	1.4	0.04	0.1	<0.5	51.34	13.69	4.94	2.13	8.85	1.88	1.41	0.53	0.25	0.18	0.010	842	23	290
AER22TS-3090	Till	0.2	<0.1	1.3	0.06	0.3	<0.5	60.60	12.28	4.72	2.06	5.12	0.99	2.05	0.62	0.16	0.09	0.010	801	34	166
AER22TS-3091	Till	0.2	<0.1	1.8	0.05	0.3	<0.5	60.01	12.26	4.78	2.09	5.48	0.97	2.05	0.62	0.15	0.09	0.009	787	35	165
AER22TS-3092	Till	0.2	0.1	53.6	0.08	0.2	<0.5	65.25	14.19	5.03	1.50	1.35	1.40	2.13	0.67	0.22	0.13	0.011	947	45	169
AER22TS-3093	Rock Pulp	0.1	0.1	41.0	0.01	<0.1	<0.5	71.85	12.07	4.03	1.71	3.34	3.48	1.43	0.38	0.13	0.07	0.014	465	88	402
AER22TS-3094	Till	0.2	0.2	1.6	0.10	0.3	<0.5	67.47	12.53	4.97	1.23	1.05	0.93	2.20	0.61	0.22	0.12	0.011	770	39	110
AER22TS-3095	Till	0.1	<0.1	<0.5	0.02	0.1	<0.5	71.30	11.92	3.53	1.15	0.83	1.50	2.11	0.63	0.15	0.05	0.009	706	<20	138
AER22TS-3096	Till	0.1	<0.1	1.2	0.04	0.2	<0.5	66.11	12.24	3.70	1.77	2.77	1.56	1.93	0.64	0.13	0.04	0.008	674	<20	158
AER22TS-3097	Till	0.2	0.1	1.5	0.05	0.2	<0.5	65.52	13.74	4.80	1.45	1.26	1.11	2.21	0.64	0.13	0.05	0.011	766	29	158
AER22TS-3098	Till	0.2	0.2	2.0	0.09	0.3	<0.5	58.45	14.72	5.16	1.96	3.40	1.26	2.19	0.65	0.15	0.10	0.012	1225	45	226
AER22TS-3099	Till	0.2	0.3	1.8	0.09	0.2	<0.5	66.10	12.91	4.77	1.49	1.74	1.39	2.16	0.60	0.22	0.10	0.011	869	33	192
AER22TS-3100	Till	<0.1	<0.1	0.7	0.03	<0.1	<0.5	77.98	9.27	2.70	0.85	0.81	1.19	1.64	0.63	0.07	0.02	0.009	622	<20	107
AER22TS-3101	Pulp DUP	0.4	<0.1	2.9	0.11	0.8	0.7	55.35	15.01	4.74	2.09	1.33	0.78	2.87	0.61	0.08	0.02	0.011	758	26	166
AER22TS-3102	Till	0.2	0.2	4.9	0.09	0.2	<0.5	51.93	15.63	8.50	2.25	2.95	1.99	1.29	1.00	0.31	0.07	0.016	735	37	267
AER22TS-3103	Till	0.2	<0.1	1.2	0.05	0.2	<0.5	48.97	11.18	3.92	3.62	11.41	0.96	2.03	0.53	0.15	0.07	0.009	707	28	183
AER22TS-3104	Till	0.1	<0.1	0.8	0.04	0.2	<0.5	60.72	10.67	3.50	2.83	5.71	1.06	1.89	0.56	0.14	0.08	0.008	669	23	140
AER22TS-3105	Till	0.1	<0.1	1.6	0.06	0.3	<0.5	57.90	12.13	4.12	1.62	7.92	1.55	2.26	0.63	0.15	0.06	0.010	969	33	221
AER22TS-3106	Till	0.2	0.2	2.3	0.08	0.3	<0.5	66.81	13.16	4.62	1.49	1.61	1.59	2.10	0.68	0.22	0.06	0.011	954	32	254
AER22TS-3107	Till	0.4	<0.1	3.1	0.12	0.8	0.6	55.66	15.09	4.83	2.10	1.29	0.78	2.88	0.61	0.08	0.03	0.011	771	29	165



BUREAU MINERAL LABORATORIES
VERITAS Canada

www.bvna.com/mining-laboratory-services

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client:

Palmer

470 Granville St. - Suite 630

Vancouver British Columbia V6C 1V5 Canada

Project:

AER

Report Date:

February 07, 2023

Page:

2 of 3

Part:

4 of 7

CERTIFICATE OF ANALYSIS

VAN22003376.1

	Method	Analyte	Unit	MDL	LF300	LF300	LF300	LF300	LF300	LF300	TC000	TC005	TC005	TC006	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251		
					Zr	Y	Nb	Sc	LOI	Sum	TOT/C	C/ORG	C/GRA	CO2	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As
					ppm	ppm	ppm	ppm	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm
					5	3	5	1	-5.1	0.01	0.02	0.02	0.02	0.08	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1
AER22TS-3078	Till	284	19	17	12	8.9	99.93	1.09	1.05	0.03	<0.08	0.56	18.46	9.83	51.5	71	19.3	5.8	149	2.17	6.1			
AER22TS-3079	Till	283	25	14	12	10.9	99.92	1.51	0.87	<0.02	2.26	1.01	25.54	14.53	69.1	107	32.6	13.7	494	2.49	9.6			
AER22TS-3080	Till	458	35	14	14	8.7	99.92	0.75	0.64	0.03	0.31	0.86	27.52	12.25	80.0	93	38.9	8.8	366	2.97	14.9			
AER22TS-3081	Pulp DUP	243	23	14	11	11.1	99.92	1.58	0.50	<0.02	3.89	1.12	23.40	14.09	70.6	104	35.7	14.6	679	2.54	10.7			
AER22TS-3082	Till	241	19	13	11	8.6	99.93	1.06	1.03	0.03	<0.08	0.63	13.18	9.27	62.2	84	35.4	10.9	431	2.74	10.1			
AER22TS-3083	Till	257	29	13	13	9.8	99.93	1.19	1.15	0.03	<0.08	0.85	28.45	14.33	71.0	154	34.2	10.8	445	2.79	10.6			
AER22TS-3084	Till	314	24	14	12	10.4	99.93	1.70	1.66	0.02	0.08	1.48	22.83	13.29	84.0	131	34.4	9.8	661	3.32	14.5			
AER22TS-3085	Till	236	36	10	17	11.0	99.91	0.52	0.49	<0.02	0.08	0.32	25.53	11.87	77.0	110	53.0	14.7	452	4.02	9.7			
AER22TS-3086	Till	328	33	15	12	6.9	99.93	0.43	0.40	<0.02	<0.08	0.61	26.39	12.40	69.9	98	33.4	9.4	531	2.77	11.6			
AER22TS-3087	Till	186	27	15	14	8.6	99.91	0.58	0.54	0.03	<0.08	0.43	28.02	11.82	72.7	71	37.9	10.5	408	3.26	7.5			
AER22TS-3088	Till	224	23	15	11	10.6	99.91	1.67	0.89	<0.02	2.80	0.53	24.88	12.35	78.2	118	30.8	10.7	390	2.27	8.5			
AER22TS-3089	Till	262	18	11	12	14.5	99.91	1.82	0.46	<0.02	4.93	0.46	15.81	9.87	65.8	57	27.2	10.5	1361	2.71	6.6			
AER22TS-3090	Till	251	24	13	11	11.1	99.92	1.53	0.56	<0.02	3.49	1.27	24.84	15.58	72.5	109	36.2	15.4	666	2.57	20.5			
AER22TS-3091	Till	248	23	13	11	11.3	99.93	1.61	0.55	<0.02	3.83	1.11	24.22	14.32	67.7	106	34.9	14.6	686	2.56	10.6			
AER22TS-3092	Till	263	25	11	12	7.9	99.93	0.59	0.55	<0.02	<0.08	0.91	31.06	14.59	84.8	128	46.5	11.7	957	2.92	10.8			
AER22TS-3093	Rock Pulp	160	11	20	9	1.3	99.88	0.08	0.04	<0.02	0.14	12.50	151.36	275.35	218.7	119	81.2	51.4	286	1.68	10.1			
AER22TS-3094	Till	365	28	13	12	8.4	99.93	0.91	0.87	<0.02	0.10	0.93	21.78	17.68	110.3	166	39.1	16.2	902	2.75	14.4			
AER22TS-3095	Till	316	17	14	8	6.6	99.95	0.89	0.84	0.03	<0.08	0.52	7.60	8.02	46.1	68	19.5	7.2	345	2.05	5.7			
AER22TS-3096	Till	275	19	14	9	8.9	99.94	1.43	0.95	0.02	1.65	0.73	15.76	9.93	59.6	98	20.3	7.0	245	2.02	8.7			
AER22TS-3097	Till	310	26	14	12	8.8	99.93	0.84	0.78	<0.02	0.12	1.01	21.91	11.81	66.5	157	33.0	9.9	370	2.64	7.5			
AER22TS-3098	Till	182	21	12	13	11.7	99.91	1.73	1.27	<0.02	1.65	0.67	33.59	15.37	84.3	192	46.6	23.8	773	2.74	8.6			
AER22TS-3099	Till	294	26	12	12	8.3	99.93	1.07	0.89	<0.02	0.59	0.61	25.03	14.20	76.8	277	32.4	15.1	733	2.70	9.3			
AER22TS-3100	Till	298	17	14	8	4.7	99.97	0.50	0.40	<0.02	0.34	0.51	10.95	6.10	41.7	20	16.4	4.8	106	1.62	5.6			
AER22TS-3101	Pulp DUP	136	21	14	14	16.9	99.91	4.83	4.70	0.11	<0.08	1.04	44.56	21.69	68.5	72	30.9	10.4	150	2.27	16.3			
AER22TS-3102	Till	477	23	15	18	13.8	99.88	2.32	2.26	<0.02	0.13	0.48	27.03	11.56	116.5	197	39.6	19.6	473	4.76	11.5			
AER22TS-3103	Till	161	19	12	10	16.9	99.91	3.70	1.10	<0.02	9.48	0.61	20.82	10.68	58.8	66	28.5	10.1	521	2.26	9.4			
AER22TS-3104	Till	265	20	13	8	12.6	99.91	2.69	1.30	<0.02	5.04	0.52	13.79	9.02	55.0	78	21.4	8.8	574	1.97	7.2			
AER22TS-3105	Till	194	20	12	10	11.4	99.93	1.84	0.50	<0.02	4.90	0.19	26.05	11.39	71.2	94	31.7	10.9	442	2.27	5.6			
AER22TS-3106	Till	271	25	14	10	7.4	99.94	0.62	0.57	0.03	<0.08	1.31	25.18	16.55	82.6	215	33.3	8.2	391	2.51	12.7			
AER22TS-3107	Till	136	23	13	14	16.4	99.91	4.86	4.68	0.16	<0.08	1.02	45.68	24.19	71.7	74	29.6	12.1	179	2.28	17.6			



Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Project: AER
Report Date: February 07, 2023

Page: 2 of 3

Part: 5 of 7

CERTIFICATE OF ANALYSIS

VAN22003376.1

Method Analyte Unit MDL		AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W
		ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm
		0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1
AER22TS-3078	Till	1.1	1.8	6.1	28.7	0.02	0.28	0.20	33	0.37	0.038	16.3	23.2	0.45	137.4	0.007	4	1.54	0.008	0.16	<0.1
AER22TS-3079	Till	0.9	1.1	6.9	44.6	0.28	0.42	0.23	36	2.04	0.068	19.7	23.1	0.82	239.1	0.007	5	1.34	0.007	0.17	<0.1
AER22TS-3080	Till	1.6	2.8	9.4	35.7	0.18	0.51	0.22	45	1.00	0.113	27.7	33.6	0.58	228.0	0.017	2	1.89	0.012	0.11	<0.1
AER22TS-3081	Pulp DUP	0.9	1.4	6.8	59.7	0.44	0.44	0.22	37	3.51	0.066	19.8	24.3	0.92	281.1	0.010	5	1.48	0.009	0.17	<0.1
AER22TS-3082	Till	0.8	0.7	4.5	32.0	0.12	0.38	0.12	45	0.56	0.067	18.4	35.2	0.80	219.0	0.019	<1	2.09	0.009	0.10	<0.1
AER22TS-3083	Till	1.1	1.6	6.8	33.6	0.11	0.51	0.24	42	0.63	0.067	24.3	30.6	0.57	261.6	0.013	4	1.83	0.007	0.21	<0.1
AER22TS-3084	Till	0.9	1.8	6.5	36.9	0.14	0.42	0.22	39	0.58	0.060	19.7	26.5	0.49	249.5	0.011	4	1.81	0.006	0.25	<0.1
AER22TS-3085	Till	0.7	3.4	6.3	22.6	0.19	0.40	0.16	61	0.87	0.094	22.4	47.1	0.92	395.0	0.004	<1	2.41	0.008	0.10	<0.1
AER22TS-3086	Till	0.9	2.0	6.5	21.9	0.12	0.44	0.21	40	0.53	0.089	23.9	29.8	0.64	188.4	0.012	<1	1.85	0.007	0.12	<0.1
AER22TS-3087	Till	0.9	1.6	6.9	25.9	0.10	0.30	0.22	46	0.67	0.079	25.3	34.8	0.85	183.7	0.014	1	2.18	0.007	0.17	<0.1
AER22TS-3088	Till	0.8	1.1	5.8	56.5	0.27	0.35	0.19	33	2.55	0.073	17.1	22.0	0.88	277.2	0.005	2	1.57	0.007	0.15	<0.1
AER22TS-3089	Till	1.2	0.9	6.1	84.3	0.25	0.30	0.14	43	5.66	0.121	18.9	30.7	0.83	255.3	0.013	<1	2.12	0.008	0.08	<0.1
AER22TS-3090	Till	0.9	1.5	7.0	62.0	0.48	0.54	0.22	37	3.35	0.066	21.1	25.4	0.92	302.6	0.009	5	1.50	0.009	0.17	<0.1
AER22TS-3091	Till	0.9	1.3	6.4	62.6	0.41	0.40	0.22	37	3.56	0.068	20.3	24.6	0.92	279.8	0.010	5	1.53	0.009	0.17	<0.1
AER22TS-3092	Till	0.9	8.4	6.2	30.4	0.29	0.46	0.23	43	0.66	0.097	20.1	30.0	0.61	312.1	0.005	2	1.85	0.007	0.12	<0.1
AER22TS-3093	Rock Pulp	0.5	37.7	3.5	35.2	0.62	0.20	0.16	25	0.61	0.056	26.6	33.2	0.51	66.3	0.077	1	0.84	0.091	0.11	0.1
AER22TS-3094	Till	0.8	1.3	6.1	23.9	0.78	0.47	0.19	35	0.60	0.095	18.8	22.1	0.45	198.3	0.003	1	1.60	0.005	0.14	<0.1
AER22TS-3095	Till	0.5	16.7	2.9	13.6	0.12	0.20	0.12	30	0.29	0.062	12.4	21.0	0.47	137.1	0.010	<1	1.53	0.006	0.10	<0.1
AER22TS-3096	Till	0.5	1.2	3.1	25.7	0.19	0.31	0.15	33	1.58	0.049	12.4	21.4	0.76	146.2	0.008	2	1.54	0.009	0.10	<0.1
AER22TS-3097	Till	1.0	7.7	6.8	41.1	0.10	0.35	0.20	39	0.62	0.049	19.7	31.5	0.57	208.3	0.008	4	1.89	0.009	0.18	<0.1
AER22TS-3098	Till	0.9	0.9	5.3	99.5	0.29	0.52	0.22	41	2.00	0.060	16.4	31.1	0.80	641.3	0.007	2	2.04	0.010	0.19	<0.1
AER22TS-3099	Till	0.8	1.3	5.1	58.4	0.27	0.48	0.20	38	0.87	0.088	17.4	24.3	0.63	292.4	0.005	2	1.74	0.010	0.15	<0.1
AER22TS-3100	Till	0.5	1.2	3.1	14.4	0.05	0.20	0.10	23	0.42	0.021	9.7	16.3	0.37	133.1	0.005	2	1.04	0.005	0.08	<0.1
AER22TS-3101	Pulp DUP	3.3	2.2	7.3	77.3	0.04	2.71	0.37	48	0.79	0.030	15.5	30.6	0.78	176.1	0.026	2	1.74	0.010	0.14	0.6
AER22TS-3102	Till	1.4	13.6	11.1	35.2	0.40	0.51	0.18	115	1.26	0.132	24.5	48.4	0.97	243.0	0.052	<1	2.66	0.010	0.07	<0.1
AER22TS-3103	Till	0.7	1.0	5.0	94.7	0.26	0.30	0.16	34	7.92	0.066	14.2	23.1	1.85	239.8	0.007	3	1.57	0.009	0.15	<0.1
AER22TS-3104	Till	0.6	0.7	3.9	42.9	0.23	0.27	0.13	30	3.73	0.068	14.6	19.2	1.43	175.0	0.006	2	1.48	0.007	0.11	<0.1
AER22TS-3105	Till	0.8	1.3	5.3	72.7	0.43	0.27	0.16	35	5.30	0.070	19.3	27.8	0.71	322.8	0.022	1	1.73	0.008	0.14	<0.1
AER22TS-3106	Till	1.1	2.4	7.2	73.4	0.24	0.78	0.23	34	0.66	0.091	21.8	27.0	0.62	256.9	0.019	2	1.50	0.008	0.11	<0.1
AER22TS-3107	Till	3.7	2.4	7.9	72.4	0.04	2.52	0.45	46	0.78	0.033	17.7	29.9	0.78	186.8	0.025	<1	1.80	0.009	0.13	0.7



BUREAU MINERAL LABORATORIES
VERITAS Canada

www.bvna.com/mining-laboratory-services

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client:

Palmer

470 Granville St. - Suite 630

Vancouver British Columbia V6C 1V5 Canada

Project:

AER

Report Date:

February 07, 2023

Page:

2 of 3

Part:

6 of 7

CERTIFICATE OF ANALYSIS

VAN22003376.1

Method Analyte Unit MDL		AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be
		ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm
		0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1
AER22TS-3078	Till	4.9	0.27	<0.02	47	0.2	0.03	5.0	1.64	<0.1	0.10	0.30	21.7	0.7	<0.05	6.0	7.18	33.3	0.03	<1	0.5
AER22TS-3079	Till	5.0	0.27	<0.02	69	0.4	0.05	4.4	1.65	<0.1	0.17	0.15	16.7	0.6	<0.05	9.2	13.94	39.5	0.04	<1	0.7
AER22TS-3080	Till	7.3	0.32	<0.02	66	0.4	0.03	6.2	1.43	<0.1	0.19	0.22	12.3	0.8	<0.05	9.8	19.81	49.1	0.05	<1	1.0
AER22TS-3081	Pulp DUP	5.0	0.26	<0.02	46	0.2	0.04	5.0	1.65	<0.1	0.22	0.10	17.0	0.7	<0.05	9.6	12.98	40.1	0.04	<1	0.8
AER22TS-3082	Till	5.1	0.19	<0.02	40	0.3	0.02	6.8	0.86	<0.1	0.08	0.34	10.6	0.6	<0.05	4.1	8.46	35.4	0.03	<1	0.7
AER22TS-3083	Till	6.2	0.26	<0.02	76	0.5	0.04	6.0	1.64	<0.1	0.15	0.33	19.7	0.8	<0.05	8.4	18.16	43.1	0.05	<1	1.1
AER22TS-3084	Till	6.4	0.25	<0.02	67	0.7	0.05	5.5	1.17	<0.1	0.18	0.41	19.6	0.7	<0.05	9.6	12.85	39.9	0.03	<1	1.2
AER22TS-3085	Till	9.9	0.14	<0.02	80	0.4	0.03	7.2	0.82	<0.1	0.11	0.09	8.6	0.7	<0.05	5.4	25.44	40.5	0.04	<1	0.8
AER22TS-3086	Till	6.3	0.22	<0.02	82	0.3	0.03	5.9	1.30	<0.1	0.10	0.15	11.8	0.7	<0.05	5.1	17.93	43.3	0.03	<1	0.7
AER22TS-3087	Till	7.3	0.23	<0.02	67	0.4	0.03	7.1	1.77	<0.1	0.12	0.20	15.7	0.8	<0.05	6.5	16.78	45.9	0.03	<1	0.8
AER22TS-3088	Till	4.9	0.22	<0.02	64	0.2	0.03	5.3	1.39	<0.1	0.13	0.13	15.3	0.6	<0.05	5.3	12.27	34.6	0.04	<1	0.7
AER22TS-3089	Till	7.2	0.13	<0.02	34	0.2	<0.02	7.1	1.05	<0.1	0.21	0.09	8.5	0.8	<0.05	6.9	10.96	36.8	0.03	<1	0.7
AER22TS-3090	Till	5.5	0.29	<0.02	70	0.3	0.03	5.1	1.63	<0.1	0.20	0.08	18.1	0.7	<0.05	9.0	13.78	44.3	0.03	<1	0.7
AER22TS-3091	Till	5.2	0.27	<0.02	57	0.2	0.04	4.9	1.67	<0.1	0.23	0.08	18.5	0.6	<0.05	9.9	13.65	40.7	0.04	<1	0.8
AER22TS-3092	Till	7.1	0.20	<0.02	87	0.3	0.04	6.4	1.41	<0.1	0.13	0.06	12.9	0.8	<0.05	5.1	14.44	40.5	0.05	<1	0.9
AER22TS-3093	Rock Pulp	3.4	0.09	0.04	28	<0.1	<0.02	3.2	1.30	0.1	0.17	0.41	7.6	2.7	<0.05	6.2	6.03	46.2	0.04	<1	0.3
AER22TS-3094	Till	6.1	0.29	<0.02	116	0.4	0.04	5.4	1.16	<0.1	0.09	0.10	13.1	0.7	<0.05	4.5	15.92	40.1	0.04	1	0.8
AER22TS-3095	Till	2.8	0.13	<0.02	21	0.2	<0.02	5.0	0.77	<0.1	<0.02	0.31	12.6	0.5	<0.05	0.8	3.93	26.8	0.02	<1	0.5
AER22TS-3096	Till	3.6	0.15	<0.02	45	0.2	<0.02	5.4	0.91	<0.1	0.04	0.24	9.7	0.6	<0.05	1.8	5.97	24.4	0.02	<1	0.5
AER22TS-3097	Till	5.7	0.20	<0.02	47	0.3	0.04	5.4	1.21	<0.1	0.19	0.19	18.3	0.7	<0.05	9.4	14.37	38.4	0.04	1	0.9
AER22TS-3098	Till	6.4	0.21	<0.02	77	0.3	0.04	5.8	1.53	<0.1	0.20	0.10	15.8	0.7	<0.05	6.5	10.56	36.6	0.04	<1	0.9
AER22TS-3099	Till	6.3	0.17	<0.02	99	0.2	0.04	4.7	1.14	<0.1	0.12	0.11	11.7	0.6	<0.05	4.6	14.05	38.7	0.04	<1	0.9
AER22TS-3100	Till	3.0	0.10	<0.02	25	0.1	0.03	2.9	0.59	<0.1	0.05	0.10	8.6	0.3	<0.05	2.6	5.46	20.2	<0.02	<1	0.5
AER22TS-3101	Pulp DUP	5.5	0.64	0.03	119	0.6	0.07	5.6	2.24	<0.1	0.43	1.78	14.3	0.7	<0.05	20.6	14.37	33.5	0.04	<1	1.2
AER22TS-3102	Till	10.7	0.14	<0.02	111	0.4	<0.02	10.4	0.73	<0.1	0.24	0.59	7.1	1.1	<0.05	12.9	12.94	48.2	0.06	<1	1.0
AER22TS-3103	Till	5.4	0.17	<0.02	59	0.3	0.03	4.9	1.27	<0.1	0.12	0.17	12.9	0.5	<0.05	5.8	10.80	29.0	0.03	<1	0.8
AER22TS-3104	Till	3.9	0.16	<0.02	48	0.1	<0.02	4.6	0.92	<0.1	0.04	0.21	10.7	0.5	<0.05	2.0	8.78	29.3	0.03	<1	0.6
AER22TS-3105	Till	5.1	0.24	<0.02	68	0.1	<0.02	5.5	1.39	<0.1	0.25	0.08	15.2	0.6	<0.05	10.0	11.20	38.6	0.03	<1	0.7
AER22TS-3106	Till	5.0	0.26	<0.02	93	0.5	0.04	5.1	1.62	<0.1	0.27	0.24	16.0	0.7	<0.05	12.6	14.00	43.1	0.04	<1	0.9
AER22TS-3107	Till	6.6	0.73	0.03	128	0.9	0.07	6.3	2.50	<0.1	0.47	1.88	15.7	0.8	<0.05	20.0	17.14	39.1	0.05	<1	1.5



BUREAU MINERAL LABORATORIES
VERITAS Canada

www.bvna.com/mining-laboratory-services

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client:

Palmer

470 Granville St. - Suite 630

Vancouver British Columbia V6C 1V5 Canada

Project:

AER

Report Date:

February 07, 2023

Page:

2 of 3

Part:

7 of 7

CERTIFICATE OF ANALYSIS

VAN22003376.1

Method Analyte Unit MDL		AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Li	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Pd	Pt
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb
		0.1	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	10	2
AER22TS-3078	Till	14.6	4.45	16.33	3.16	0.66	2.61	0.35	1.86	0.29	0.76	0.10	0.65	0.08	11	<2
AER22TS-3079	Till	15.1	5.54	20.76	4.39	0.91	3.80	0.56	3.04	0.54	1.35	0.18	1.14	0.16	<10	<2
AER22TS-3080	Till	14.9	7.65	29.64	6.20	1.29	5.85	0.78	4.25	0.75	1.89	0.24	1.47	0.22	13	<2
AER22TS-3081	Pulp DUP	15.9	5.10	19.52	4.08	0.86	3.33	0.49	2.76	0.48	1.24	0.15	1.03	0.15	<10	<2
AER22TS-3082	Till	18.6	4.63	17.00	3.40	0.68	3.08	0.36	1.90	0.31	0.83	0.10	0.62	0.08	<10	<2
AER22TS-3083	Till	16.1	6.66	25.92	5.20	1.10	4.75	0.66	3.39	0.60	1.63	0.22	1.44	0.19	<10	<2
AER22TS-3084	Till	15.2	5.41	19.65	4.24	0.87	3.75	0.58	2.79	0.50	1.39	0.18	1.04	0.15	<10	<2
AER22TS-3085	Till	21.6	7.31	29.82	6.99	1.78	7.04	0.93	5.03	0.87	2.39	0.31	1.89	0.28	<10	<2
AER22TS-3086	Till	15.3	6.87	26.54	5.52	1.21	5.19	0.70	3.56	0.64	1.63	0.22	1.21	0.19	<10	<2
AER22TS-3087	Till	20.7	7.02	26.81	5.71	1.28	5.12	0.69	3.52	0.60	1.55	0.19	1.18	0.14	<10	<2
AER22TS-3088	Till	15.5	4.82	19.31	4.22	0.89	3.46	0.51	2.58	0.41	1.08	0.14	0.80	0.10	<10	<2
AER22TS-3089	Till	17.9	4.73	17.77	3.59	0.69	3.03	0.40	2.22	0.37	1.05	0.13	0.90	0.11	<10	<2
AER22TS-3090	Till	17.2	5.51	21.33	4.48	0.96	3.73	0.52	2.93	0.50	1.33	0.19	1.08	0.14	<10	<2
AER22TS-3091	Till	15.5	5.42	20.69	4.13	0.89	3.72	0.51	2.74	0.50	1.32	0.17	1.04	0.15	<10	<2
AER22TS-3092	Till	19.0	5.52	22.20	4.79	0.95	4.27	0.60	2.99	0.50	1.26	0.18	0.97	0.13	<10	<2
AER22TS-3093	Rock Pulp	9.6	5.98	20.48	3.03	0.68	2.13	0.23	1.13	0.22	0.62	0.09	0.57	0.07	54	24
AER22TS-3094	Till	14.1	5.51	21.83	4.82	1.08	4.52	0.61	3.20	0.54	1.40	0.18	1.08	0.15	<10	<2
AER22TS-3095	Till	15.2	3.05	11.26	2.08	0.38	1.65	0.18	0.84	0.13	0.36	0.04	0.29	0.03	<10	<2
AER22TS-3096	Till	13.7	2.94	11.55	2.25	0.45	1.87	0.24	1.26	0.22	0.54	0.07	0.40	0.05	<10	<2
AER22TS-3097	Till	18.9	5.23	19.90	4.17	0.86	3.78	0.51	2.82	0.51	1.31	0.17	1.02	0.14	<10	<2
AER22TS-3098	Till	17.5	4.36	17.26	3.58	0.72	3.14	0.42	2.15	0.38	0.94	0.12	0.72	0.10	<10	<2
AER22TS-3099	Till	13.6	4.80	19.55	4.22	0.86	3.86	0.52	2.80	0.50	1.28	0.16	0.96	0.14	<10	<2
AER22TS-3100	Till	9.7	2.49	10.04	2.11	0.44	1.78	0.24	1.23	0.21	0.51	0.06	0.36	0.05	<10	<2
AER22TS-3101	Pulp DUP	17.1	4.26	16.59	3.62	0.77	3.27	0.46	2.61	0.49	1.32	0.18	1.11	0.16	<10	<2
AER22TS-3102	Till	18.1	6.00	23.01	4.42	0.92	3.69	0.47	2.65	0.46	1.33	0.15	1.06	0.15	<10	<2
AER22TS-3103	Till	16.9	3.91	15.86	3.27	0.73	3.14	0.40	2.11	0.35	0.88	0.12	0.78	0.11	<10	<2
AER22TS-3104	Till	13.8	3.96	15.47	3.15	0.66	2.71	0.34	1.84	0.29	0.84	0.10	0.66	0.10	<10	<2
AER22TS-3105	Till	17.0	5.14	21.10	3.96	0.79	3.46	0.46	2.37	0.40	1.01	0.14	0.93	0.12	<10	<2
AER22TS-3106	Till	16.4	6.00	24.15	4.76	0.99	4.15	0.56	2.92	0.53	1.37	0.19	1.14	0.17	<10	<2
AER22TS-3107	Till	19.1	5.06	20.93	4.44	1.06	4.03	0.56	3.07	0.59	1.57	0.20	1.46	0.21	10	<2



Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Project: AER
Report Date: February 07, 2023

Page: 3 of 3

Part: 1 of 7

CERTIFICATE OF ANALYSIS

VAN22003376.1

	Method Analyte Unit MDL	WGHT	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100
		Wgt	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1
AER22TS-3108	Till	2.08	764	9	10.2	16.3	18.5	3.7	10.6	118.6	1	162.3	0.7	11.9	5.5	125	3.3	130.4	21.4	27.3	54.7
AER22TS-3109	Till	2.45	966	<1	22.2	2.3	18.3	7.5	12.6	53.5	2	228.1	0.9	13.7	3.9	122	1.3	317.9	37.6	44.0	81.1
AER22TS-3110	Rock Pulp	0.07	485	<1	52.7	1.8	13.7	3.9	16.3	38.0	6	410.8	0.4	3.9	0.7	59	<0.5	156.2	11.7	31.8	57.9
AER22TS-3111	Till	2.14	1370	2	14.5	4.5	16.6	5.2	11.6	75.4	3	361.2	0.9	11.9	3.0	95	1.9	194.6	23.3	31.9	64.6
AER22TS-3112	Till	1.94	709	2	11.2	3.8	15.2	3.0	11.1	81.8	1	181.3	0.7	10.5	2.2	95	1.0	113.0	18.5	32.6	64.9
AER22TS-3113	Till	2.49	714	<1	13.0	1.3	18.0	5.2	7.7	32.7	1	180.1	0.6	8.9	1.7	115	0.8	216.7	26.9	34.4	56.3
AER22TS-3114	Till	2.89	346	<1	4.9	1.7	5.5	4.2	5.3	37.6	<1	182.6	0.3	4.9	1.5	50	<0.5	160.7	13.5	17.0	31.8
AER22TS-3115	Till	2.28	564	<1	8.5	3.8	10.8	4.5	11.8	77.2	1	130.0	0.8	8.0	2.8	133	1.4	183.0	23.1	29.1	51.1
AER22TS-3116	Till	1.95	708	<1	7.5	3.8	12.1	9.3	12.7	79.7	2	119.0	0.9	9.8	3.3	107	1.2	364.5	30.0	33.5	61.3
AER22TS-3117	Till	1.38	1145	<1	13.5	6.7	15.3	3.7	9.4	92.8	9	134.1	0.6	9.9	2.2	118	3.2	149.6	38.2	34.5	57.8
AER22TS-3118	Till	2.49	775	2	12.3	3.1	13.0	5.6	10.1	63.9	1	164.3	0.6	9.4	2.7	90	2.2	217.3	31.6	36.4	59.1



Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Project: AER
Report Date: February 07, 2023

Page: 3 of 3

Part: 2 of 7

CERTIFICATE OF ANALYSIS

VAN22003376.1

	Method Analyte Unit MDL	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
		Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.02	0.3	0.05	0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1
AER22TS-3108	Till	6.30	23.5	4.45	0.99	4.04	0.61	3.65	0.73	2.19	0.31	2.18	0.30	0.9	44.8	21.3	66	30.9	16.4	<0.1	1.8
AER22TS-3109	Till	10.40	40.1	8.08	1.84	7.78	1.13	6.59	1.33	3.58	0.53	3.32	0.51	3.2	64.9	41.8	118	68.1	86.8	0.9	2.0
AER22TS-3110	Rock Pulp	6.97	25.5	4.02	1.03	3.01	0.38	2.17	0.42	1.14	0.15	1.13	0.18	12.0	155.3	259.2	211	80.6	9.2	0.5	0.2
AER22TS-3111	Till	7.05	26.6	4.99	1.10	4.76	0.65	4.02	0.81	2.29	0.35	2.11	0.32	0.8	23.3	19.1	83	40.4	13.0	0.3	0.3
AER22TS-3112	Till	7.39	26.5	4.66	1.02	4.16	0.59	3.40	0.64	1.97	0.28	1.73	0.27	0.6	23.7	12.2	67	29.2	5.9	0.2	0.1
AER22TS-3113	Till	7.83	30.8	6.12	1.70	6.01	0.81	4.61	0.94	2.35	0.36	2.43	0.34	0.3	23.0	8.9	88	46.1	6.9	0.2	0.1
AER22TS-3114	Till	3.79	14.2	2.62	0.59	2.46	0.38	2.21	0.44	1.29	0.19	1.26	0.19	0.6	8.9	5.2	36	11.7	3.6	0.2	0.1
AER22TS-3115	Till	6.36	24.2	4.46	0.93	3.94	0.60	3.59	0.74	2.24	0.32	2.09	0.31	1.9	31.5	10.8	100	37.9	2.1	1.1	0.2
AER22TS-3116	Till	7.76	29.1	5.59	1.27	5.52	0.84	5.14	1.01	3.05	0.41	2.82	0.45	1.5	14.8	10.8	69	21.9	8.0	0.2	0.2
AER22TS-3117	Till	8.02	31.9	6.67	1.53	6.73	0.96	5.81	1.21	3.56	0.49	3.22	0.53	2.3	79.5	22.5	57	63.7	125.2	0.2	0.7
AER22TS-3118	Till	8.68	34.9	6.45	1.56	6.48	0.93	5.31	1.08	3.17	0.44	2.89	0.42	1.8	23.2	12.6	55	32.9	31.8	0.3	0.6



Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

CERTIFICATE OF ANALYSIS

VAN22003376.1

	Method Analyte Unit MDL	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	LF300	LF300	LF300	LF300	LF300	LF300	LF300	LF300	LF300	LF300	LF300	LF300	LF300	LF300
		Bi	Ag	Au	Hg	Tl	Se	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ba	Ni	Sr
		ppm	ppm	ppb	ppm	ppm	ppm	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm
		0.1	0.1	0.5	0.01	0.1	0.5	0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	5	20	2
AER22TS-3108	Till	0.4	<0.1	2.9	0.11	0.8	0.7	55.68	15.01	4.72	2.08	1.32	0.77	2.84	0.62	0.08	0.02	0.011	754	29	165
AER22TS-3109	Till	0.4	0.3	4.6	0.44	0.5	0.9	55.82	15.44	6.79	2.21	2.43	1.75	1.75	0.84	0.28	0.10	0.013	967	61	227
AER22TS-3110	Rock Pulp	0.1	0.1	39.0	0.02	<0.1	<0.5	71.93	11.98	3.97	1.71	3.30	3.41	1.42	0.37	0.13	0.06	0.013	465	85	396
AER22TS-3111	Till	0.3	0.1	52.2	0.06	0.3	<0.5	62.16	14.42	4.89	1.71	1.96	1.27	2.21	0.59	0.17	0.15	0.009	1309	37	356
AER22TS-3112	Till	0.2	<0.1	1.2	0.03	0.2	<0.5	48.58	12.75	4.57	2.81	11.15	0.79	2.39	0.55	0.15	0.07	0.008	679	26	183
AER22TS-3113	Till	0.1	<0.1	2.6	0.06	0.1	<0.5	52.80	16.39	6.40	3.81	2.44	1.78	1.27	0.50	0.22	0.04	0.014	691	45	176
AER22TS-3114	Till	<0.1	<0.1	<0.5	0.03	<0.1	0.7	36.41	5.00	2.03	6.21	22.23	0.31	1.24	0.26	0.13	0.05	0.004	333	<20	178
AER22TS-3115	Till	0.1	0.4	1.5	0.04	0.1	0.9	58.70	9.61	2.86	2.89	8.99	0.14	2.12	0.53	0.25	0.04	0.010	573	39	119
AER22TS-3116	Till	0.2	0.2	2.5	0.06	0.1	<0.5	71.23	11.15	3.96	1.00	0.89	0.90	2.07	0.63	0.20	0.04	0.010	724	22	114
AER22TS-3117	Till	0.3	0.2	3.8	0.29	0.7	1.2	49.64	13.17	5.53	1.34	2.54	0.79	2.38	0.50	0.10	0.03	0.010	1131	62	131
AER22TS-3118	Till	0.2	0.1	2.7	0.17	0.6	<0.5	55.23	12.29	4.89	3.49	4.71	1.29	2.05	0.55	0.16	0.15	0.010	754	32	164



BUREAU VERITAS MINERAL LABORATORIES
Canada

www.bvna.com/mining-laboratory-services

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: **Palmer**
470 Granville St. - Suite 630
Vancouver British Columbia V6C 1V5 Canada

Project: AER
Report Date: February 07, 2023

Page: 3 of 3

Part: 4 of 7

CERTIFICATE OF ANALYSIS

VAN22003376.1

	Method Analyte Unit MDL	LF300	LF300	LF300	LF300	LF300	LF300	TC000	TC005	TC005	TC006	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Zr	Y	Nb	Sc	LOI	Sum	TOT/C	C/ORG	C/GRA	CO2	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As
		ppm	ppm	ppm	ppm	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm
		5	3	5	1	-5.1	0.01	0.02	0.02	0.02	0.08	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1
AER22TS-3108	Till	134	21	15	14	16.6	99.91	4.91	4.75	0.14	<0.08	0.99	41.48	21.14	67.9	72	30.1	9.9	154	2.30	16.6
AER22TS-3109	Till	356	37	14	14	12.3	99.89	1.70	1.64	0.04	<0.08	3.21	57.09	36.45	102.7	290	57.3	19.5	601	3.38	72.5
AER22TS-3110	Rock Pulp	166	11	18	9	1.4	99.87	0.08	0.03	<0.02	0.16	12.48	154.53	272.50	213.6	104	80.9	52.0	278	1.62	9.3
AER22TS-3111	Till	202	22	13	11	10.2	99.92	0.53	0.49	0.02	<0.08	0.99	22.58	19.21	81.6	92	39.4	14.5	1111	2.59	12.8
AER22TS-3112	Till	119	18	13	11	16.0	99.90	3.22	0.68	<0.02	9.25	0.62	23.25	12.61	68.0	62	29.0	11.1	491	2.62	5.6
AER22TS-3113	Till	211	28	7	17	14.1	99.88	0.79	0.73	<0.02	0.17	0.32	22.90	9.17	89.9	62	44.5	12.3	222	3.70	6.6
AER22TS-3114	Till	164	13	7	5	25.9	99.86	7.01	0.88	<0.02	22.45	0.60	9.32	5.45	37.5	60	12.0	4.4	352	1.23	3.3
AER22TS-3115	Till	185	22	13	9	13.6	99.90	3.24	0.88	<0.02	8.62	1.99	32.22	11.04	102.1	363	37.9	8.5	313	1.64	2.2
AER22TS-3116	Till	356	28	17	11	7.7	99.94	1.72	1.68	0.03	<0.08	1.62	15.47	11.20	74.9	190	22.9	7.9	262	2.38	8.0
AER22TS-3117	Till	151	36	9	13	23.7	99.91	9.42	9.29	0.10	0.08	2.51	83.31	23.76	59.4	186	66.3	12.7	192	2.81	129.0
AER22TS-3118	Till	247	30	12	12	14.9	99.90	3.46	2.11	0.03	4.84	1.99	23.72	13.03	56.0	100	33.5	12.6	1094	2.75	31.9



Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Project: AER
Report Date: February 07, 2023

Page: 3 of 3

Part: 5 of 7

CERTIFICATE OF ANALYSIS

VAN22003376.1

	Method Analyte Unit MDL	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W
		ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm
		0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1
AER22TS-3108	Till	3.3	2.2	7.4	74.1	0.04	2.46	0.41	47	0.81	0.034	16.3	30.0	0.78	178.8	0.025	<1	1.80	0.009	0.13	0.6
AER22TS-3109	Till	1.6	3.6	8.5	24.9	0.79	2.66	0.32	46	0.95	0.093	24.9	31.8	0.71	270.5	0.046	<1	1.73	0.007	0.09	<0.1
AER22TS-3110	Rock Pulp	0.4	37.6	3.1	33.9	0.49	0.20	0.14	24	0.58	0.054	24.9	33.0	0.48	55.3	0.078	2	0.80	0.091	0.11	0.1
AER22TS-3111	Till	1.4	1.6	8.1	201.9	0.32	0.68	0.25	37	0.92	0.070	21.4	26.8	0.66	709.5	0.020	2	1.94	0.033	0.19	<0.1
AER22TS-3112	Till	0.8	0.9	6.3	106.6	0.26	0.26	0.19	29	7.47	0.057	14.6	24.6	1.35	204.8	0.007	2	1.58	0.008	0.14	<0.1
AER22TS-3113	Till	0.6	1.5	5.4	27.0	0.20	0.32	0.11	64	1.17	0.088	21.8	45.1	1.52	151.4	0.006	<1	2.72	0.007	0.13	<0.1
AER22TS-3114	Till	0.5	0.3	2.3	151.1	0.21	0.13	0.07	15	14.60	0.052	5.2	9.1	3.39	123.8	0.001	4	0.59	0.008	0.12	<0.1
AER22TS-3115	Till	0.7	1.4	3.9	76.6	1.18	0.24	0.12	18	5.97	0.100	4.3	8.4	1.38	107.8	<0.001	3	0.34	0.008	0.10	<0.1
AER22TS-3116	Till	0.9	0.8	3.5	32.4	0.22	0.32	0.16	29	0.50	0.077	11.6	19.8	0.36	238.5	0.003	3	1.20	0.006	0.11	<0.1
AER22TS-3117	Till	1.0	2.3	6.0	48.6	0.23	0.98	0.35	49	1.51	0.039	24.3	31.3	0.42	545.2	0.031	3	1.47	0.009	0.12	0.7
AER22TS-3118	Till	0.9	6.0	5.6	31.1	0.26	1.01	0.18	43	2.76	0.064	23.6	29.3	1.73	193.4	0.016	2	1.75	0.009	0.09	0.2



BUREAU MINERAL LABORATORIES
VERITAS Canada

www.bvna.com/mining-laboratory-services

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: **Palmer**
470 Granville St. - Suite 630
Vancouver British Columbia V6C 1V5 Canada

Project: AER
Report Date: February 07, 2023

Page: 3 of 3

Part: 6 of 7

CERTIFICATE OF ANALYSIS

VAN22003376.1

	Method Analyte Unit MDL	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be
		ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm
		0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1
AER22TS-3108	Till	6.1	0.68	0.03	125	0.7	0.06	6.4	2.50	<0.1	0.46	1.90	15.4	0.8	<0.05	20.3	14.67	36.3	0.04	<1	1.1
AER22TS-3109	Till	5.9	0.42	<0.02	353	0.6	0.06	5.5	0.62	<0.1	0.32	0.31	6.6	0.9	<0.05	24.4	21.75	44.4	0.06	<1	1.0
AER22TS-3110	Rock Pulp	3.0	0.08	0.04	22	<0.1	<0.02	2.6	1.10	<0.1	0.18	0.49	7.0	2.4	<0.05	6.4	5.58	41.7	0.04	<1	0.2
AER22TS-3111	Till	5.0	0.28	<0.02	58	0.1	0.04	5.4	2.00	<0.1	0.23	0.12	18.4	0.9	<0.05	11.2	13.66	42.0	0.03	<1	0.9
AER22TS-3112	Till	4.6	0.18	<0.02	39	0.3	0.04	4.6	1.31	<0.1	0.18	0.06	12.0	0.5	<0.05	7.9	9.39	29.9	0.03	<1	0.7
AER22TS-3113	Till	9.8	0.14	<0.02	47	0.2	<0.02	7.9	0.38	<0.1	0.16	0.15	3.5	0.6	<0.05	5.9	18.63	34.1	0.03	<1	0.9
AER22TS-3114	Till	2.3	0.07	<0.02	23	0.3	0.02	1.5	0.47	<0.1	0.06	0.04	6.0	0.2	<0.05	3.0	6.83	11.0	<0.02	<1	0.4
AER22TS-3115	Till	4.1	0.16	<0.02	29	0.7	0.05	0.7	0.82	<0.1	0.02	<0.02	6.6	0.2	<0.05	1.5	14.03	10.9	0.03	<1	0.5
AER22TS-3116	Till	4.3	0.17	<0.02	50	0.3	0.04	3.4	0.85	<0.1	0.09	0.16	10.8	0.4	<0.05	3.1	13.61	22.5	0.03	<1	0.7
AER22TS-3117	Till	5.9	0.68	0.07	259	1.4	0.10	4.5	0.69	<0.1	0.39	2.13	10.6	0.6	<0.05	22.1	29.15	42.7	0.04	<1	1.7
AER22TS-3118	Till	6.4	0.67	0.03	142	0.4	0.03	4.9	0.91	<0.1	0.15	0.61	9.9	0.5	<0.05	8.1	20.78	37.2	0.03	<1	0.9



BUREAU MINERAL LABORATORIES
VERITAS Canada

www.bvna.com/mining-laboratory-services

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client:

Palmer

470 Granville St. - Suite 630

Vancouver British Columbia V6C 1V5 Canada

Project:

AER

Report Date:

February 07, 2023

Page:

3 of 3

Part:

7 of 7

CERTIFICATE OF ANALYSIS

VAN22003376.1

	Method Analyte Unit MDL	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Li	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Pd	Pt
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb
		0.1	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	10	2
AER22TS-3108	Till	18.0	4.73	18.46	4.22	0.89	3.64	0.49	2.77	0.50	1.43	0.20	1.35	0.19	<10	2
AER22TS-3109	Till	15.0	6.18	24.41	5.19	1.12	4.94	0.69	3.94	0.72	1.89	0.24	1.46	0.21	<10	<2
AER22TS-3110	Rock Pulp	8.3	4.86	17.19	2.54	0.54	1.65	0.20	1.07	0.19	0.52	0.07	0.45	0.06	46	25
AER22TS-3111	Till	12.9	4.79	18.66	3.69	0.63	3.23	0.43	2.40	0.43	1.16	0.16	1.00	0.14	<10	<2
AER22TS-3112	Till	21.4	3.46	14.00	2.93	0.59	2.60	0.34	1.82	0.31	0.80	0.10	0.61	0.09	<10	<2
AER22TS-3113	Till	17.8	5.12	21.28	4.51	1.23	4.35	0.57	3.25	0.60	1.60	0.20	1.23	0.18	<10	<2
AER22TS-3114	Till	7.9	1.44	6.27	1.51	0.34	1.57	0.21	1.17	0.21	0.53	0.06	0.38	0.05	<10	<2
AER22TS-3115	Till	1.5	1.84	9.44	2.74	0.64	2.99	0.41	2.37	0.43	1.05	0.12	0.66	0.09	<10	<2
AER22TS-3116	Till	14.3	3.21	14.01	3.44	0.77	3.60	0.48	2.61	0.45	1.09	0.13	0.75	0.10	<10	<2
AER22TS-3117	Till	11.9	6.23	24.72	5.41	1.20	5.45	0.75	4.46	0.87	2.46	0.33	2.20	0.33	<10	<2
AER22TS-3118	Till	13.0	6.16	23.95	5.05	1.10	4.68	0.63	3.63	0.67	1.80	0.24	1.48	0.21	<10	<2



**BUREAU
VERITAS**

MINERAL LABORATORIES
Canada

www.bvna.com/mining-laboratory-services

Client:

Palmer

470 Granville St. - Suite 630
Vancouver British Columbia V6C 1V5 Canada

Project:

AER

Report Date:

February 07, 2023

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Page:

1 of 3

Part:

1 of 7

QUALITY CONTROL REPORT

VAN22003376.1

	Method	WGHT	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100
	Analyte	Wgt	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1
AER22TS-3118	Till	2.49	775	2	12.3	3.1	13.0	5.6	10.1	63.9	1	164.3	0.6	9.4	2.7	90	2.2	217.3	31.6	36.4	59.1
Pulp Duplicates																					
AER22TS-3084	Till	1.73	807	1	9.7	4.0	14.2	7.4	11.0	80.7	1	145.4	0.8	11.2	2.5	103	1.1	284.2	23.6	33.2	66.5
REP AER22TS-3084	QC																				
AER22TS-3087	Till	1.73	909	2	10.9	4.3	18.0	4.8	12.1	88.3	2	155.5	0.7	11.4	2.9	109	1.7	187.8	27.6	39.6	71.6
REP AER22TS-3087	QC																				
AER22TS-3089	Till	2.32	877	1	10.5	2.0	15.2	6.6	9.6	41.5	<1	288.8	0.7	9.1	2.9	86	0.9	275.1	18.6	28.6	54.1
REP AER22TS-3089	QC																				
AER22TS-3091	Till	2.42	797	<1	14.1	4.3	14.0	6.5	11.1	76.3	2	161.1	0.8	9.7	2.7	108	1.0	242.5	24.5	31.7	62.7
REP AER22TS-3091	QC																				
AER22TS-3092	Till	1.93	940	1	11.6	3.8	14.9	6.3	11.1	71.4	<1	160.1	0.8	9.7	3.1	112	1.5	242.5	26.3	31.5	58.3
REP AER22TS-3092	QC		942	3	11.2	3.7	15.2	6.2	11.7	72.0	1	163.7	0.8	9.7	2.9	122	1.0	257.8	25.9	30.5	60.6
AER22TS-3096	Till	2.29	668	<1	7.1	3.0	13.1	6.5	10.9	60.6	1	150.8	0.7	7.8	2.8	80	1.2	267.1	18.4	25.7	48.4
REP AER22TS-3096	QC																				
AER22TS-3104	Till	2.42	662	1	9.5	3.2	11.2	6.6	9.4	63.6	1	135.5	0.6	7.5	2.3	77	0.9	260.7	19.4	26.6	50.4
REP AER22TS-3104	QC																				
AER22TS-3112	Till	1.94	709	2	11.2	3.8	15.2	3.0	11.1	81.8	1	181.3	0.7	10.5	2.2	95	1.0	113.0	18.5	32.6	64.9
REP AER22TS-3112	QC																				
AER22TS-3113	Till	2.49	714	<1	13.0	1.3	18.0	5.2	7.7	32.7	1	180.1	0.6	8.9	1.7	115	0.8	216.7	26.9	34.4	56.3
REP AER22TS-3113	QC																				
AER22TS-3114	Till	2.89	346	<1	4.9	1.7	5.5	4.2	5.3	37.6	<1	182.6	0.3	4.9	1.5	50	<0.5	160.7	13.5	17.0	31.8
REP AER22TS-3114	QC		346	<1	4.4	1.5	5.2	4.2	5.3	37.0	<1	178.1	0.4	4.8	1.6	54	<0.5	157.4	13.2	16.8	30.1
AER22TS-3117	Till	1.38	1145	<1	13.5	6.7	15.3	3.7	9.4	92.8	9	134.1	0.6	9.9	2.2	118	3.2	149.6	38.2	34.5	57.8
REP AER22TS-3117	QC																				
Reference Materials																					
STD BVGEO01	Standard																				
STD BVGEO01	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				



**BUREAU
VERITAS**

MINERAL LABORATORIES
Canada

www.bvna.com/mining-laboratory-services

Client:

Palmer

470 Granville St. - Suite 630
Vancouver British Columbia V6C 1V5 Canada

Project:

AER

Report Date:

February 07, 2023

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Page:

1 of 3

Part:

2 of 7

QUALITY CONTROL REPORT

VAN22003376.1

	Method Analyte Unit MDL	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
		Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.02	0.3	0.05	0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1
AER22TS-3118	Till	8.68	34.9	6.45	1.56	6.48	0.93	5.31	1.08	3.17	0.44	2.89	0.42	1.8	23.2	12.6	55	32.9	31.8	0.3	0.6
Pulp Duplicates																					
AER22TS-3084	Till	7.52	28.7	5.47	1.16	4.83	0.76	4.53	0.92	2.62	0.37	2.41	0.39	1.3	22.2	12.1	77	31.1	13.3	0.1	0.3
REP AER22TS-3084	QC																				
AER22TS-3087	Till	9.48	34.3	6.85	1.49	6.25	0.88	4.68	0.97	2.74	0.38	2.50	0.35	0.4	30.3	11.9	74	39.0	7.1	<0.1	0.2
REP AER22TS-3087	QC																				
AER22TS-3089	Till	6.39	23.0	4.64	1.02	4.08	0.59	3.56	0.64	1.82	0.28	1.91	0.28	0.3	15.4	9.3	64	25.1	5.8	0.2	0.2
REP AER22TS-3089	QC																				
AER22TS-3091	Till	7.31	28.6	4.90	1.07	4.64	0.70	4.18	0.82	2.52	0.36	2.42	0.37	1.0	24.6	13.6	72	34.1	10.2	0.4	0.3
REP AER22TS-3091	QC																				
AER22TS-3092	Till	7.18	28.6	5.28	1.22	5.10	0.74	4.19	0.86	2.51	0.37	2.46	0.37	0.8	30.1	13.4	81	45.5	9.3	0.2	0.3
REP AER22TS-3092	QC	7.09	28.0	5.38	1.23	5.08	0.72	4.36	0.85	2.69	0.36	2.46	0.36	0.7	31.0	13.6	81	46.2	9.4	0.2	0.3
AER22TS-3096	Till	5.89	22.7	3.79	0.85	3.42	0.52	3.24	0.65	1.97	0.29	1.92	0.32	0.7	15.1	9.4	54	19.3	8.4	0.2	0.2
REP AER22TS-3096	QC																				
AER22TS-3104	Till	5.92	21.8	3.79	0.88	3.63	0.51	3.38	0.63	2.07	0.28	2.03	0.31	0.4	14.0	8.4	53	21.9	6.5	0.2	0.2
REP AER22TS-3104	QC																				
AER22TS-3112	Till	7.39	26.5	4.66	1.02	4.16	0.59	3.40	0.64	1.97	0.28	1.73	0.27	0.6	23.7	12.2	67	29.2	5.9	0.2	0.1
REP AER22TS-3112	QC																				
AER22TS-3113	Till	7.83	30.8	6.12	1.70	6.01	0.81	4.61	0.94	2.35	0.36	2.43	0.34	0.3	23.0	8.9	88	46.1	6.9	0.2	0.1
REP AER22TS-3113	QC																				
AER22TS-3114	Till	3.79	14.2	2.62	0.59	2.46	0.38	2.21	0.44	1.29	0.19	1.26	0.19	0.6	8.9	5.2	36	11.7	3.6	0.2	0.1
REP AER22TS-3114	QC	3.71	13.7	2.48	0.53	2.53	0.38	2.19	0.42	1.26	0.17	1.25	0.19	0.6	9.2	5.3	37	11.9	3.6	0.2	0.1
AER22TS-3117	Till	8.02	31.9	6.67	1.53	6.73	0.96	5.81	1.21	3.56	0.49	3.22	0.53	2.3	79.5	22.5	57	63.7	125.2	0.2	0.7
REP AER22TS-3117	QC																				
Reference Materials																					
STD BVGEO01	Standard													10.3	4517.4	180.7	1794	157.1	123.7	5.9	1.9
STD BVGEO01	Standard													9.8	4475.5	182.5	1787	161.5	125.1	6.1	2.6
STD COO2	Standard																				
STD COO2	Standard																				



**BUREAU
VERITAS**

MINERAL LABORATORIES
Canada

www.bvna.com/mining-laboratory-services

Client:

Palmer

470 Granville St. - Suite 630
Vancouver British Columbia V6C 1V5 Canada

Project:

AER

Report Date:

February 07, 2023

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Page:

1 of 3

Part:

3 of 7

QUALITY CONTROL REPORT

VAN22003376.1

	Method Analyte Unit MDL	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	LF300	LF300	LF300	LF300	LF300	LF300	LF300	LF300	LF300	LF300	LF300	LF300	LF300	LF300
		Bi	Ag	Au	Hg	Tl	Se	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ba	Ni	Sr
		ppm	ppm	ppb	ppm	ppm	ppm	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm
		0.1	0.1	0.5	0.01	0.1	0.5	0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	5	20
AER22TS-3118	Till	0.2	0.1	2.7	0.17	0.6	<0.5	55.23	12.29	4.89	3.49	4.71	1.29	2.05	0.55	0.16	0.15	0.010	754	32	164
Pulp Duplicates																					
AER22TS-3084	Till	0.2	0.1	1.4	0.07	0.2	0.5	64.21	12.84	5.73	1.28	1.20	1.07	2.23	0.62	0.14	0.09	0.011	799	34	151
REP AER22TS-3084	QC																				
AER22TS-3087	Till	0.2	<0.1	2.1	0.08	0.2	<0.5	61.97	15.17	5.64	1.98	1.37	1.47	2.63	0.70	0.19	0.06	0.011	924	37	161
REP AER22TS-3087	QC																				
AER22TS-3089	Till	0.1	<0.1	1.4	0.04	0.1	<0.5	51.34	13.69	4.94	2.13	8.85	1.88	1.41	0.53	0.25	0.18	0.010	842	23	290
REP AER22TS-3089	QC																				
AER22TS-3091	Till	0.2	<0.1	1.8	0.05	0.3	<0.5	60.01	12.26	4.78	2.09	5.48	0.97	2.05	0.62	0.15	0.09	0.009	787	35	165
REP AER22TS-3091	QC							59.71	12.37	4.87	2.11	5.51	0.98	2.07	0.62	0.17	0.09	0.010	794	35	166
AER22TS-3092	Till	0.2	0.1	53.6	0.08	0.2	<0.5	65.25	14.19	5.03	1.50	1.35	1.40	2.13	0.67	0.22	0.13	0.011	947	45	169
REP AER22TS-3092	QC	0.2	0.1	1.8	0.07	0.2	<0.5														
AER22TS-3096	Till	0.1	<0.1	1.2	0.04	0.2	<0.5	66.11	12.24	3.70	1.77	2.77	1.56	1.93	0.64	0.13	0.04	0.008	674	<20	158
REP AER22TS-3096	QC																				
AER22TS-3104	Till	0.1	<0.1	0.8	0.04	0.2	<0.5	60.72	10.67	3.50	2.83	5.71	1.06	1.89	0.56	0.14	0.08	0.008	669	23	140
REP AER22TS-3104	QC																				
AER22TS-3112	Till	0.2	<0.1	1.2	0.03	0.2	<0.5	48.58	12.75	4.57	2.81	11.15	0.79	2.39	0.55	0.15	0.07	0.008	679	26	183
REP AER22TS-3112	QC																				
AER22TS-3113	Till	0.1	<0.1	2.6	0.06	0.1	<0.5	52.80	16.39	6.40	3.81	2.44	1.78	1.27	0.50	0.22	0.04	0.014	691	45	176
REP AER22TS-3113	QC																				
AER22TS-3114	Till	<0.1	<0.1	<0.5	0.03	<0.1	0.7	36.41	5.00	2.03	6.21	22.23	0.31	1.24	0.26	0.13	0.05	0.004	333	<20	178
REP AER22TS-3114	QC	<0.1	<0.1	1.3	0.02	<0.1	0.8	36.60	5.04	2.03	6.24	21.95	0.31	1.23	0.26	0.14	0.05	0.003	332	<20	180
AER22TS-3117	Till	0.3	0.2	3.8	0.29	0.7	1.2	49.64	13.17	5.53	1.34	2.54	0.79	2.38	0.50	0.10	0.03	0.010	1131	62	131
REP AER22TS-3117	QC																				
Reference Materials																					
STD BVGEO01	Standard	23.3	2.8	246.9	0.10	0.6	4.9														
STD BVGEO01	Standard	24.2	2.5	208.3	0.10	0.6	5.3														
STD COO2	Standard																				
STD COO2	Standard																				



**BUREAU
VERITAS**

MINERAL LABORATORIES
Canada

www.bvna.com/mining-laboratory-services

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client:

Palmer

470 Granville St. - Suite 630

Vancouver British Columbia V6C 1V5 Canada

Project:

AER

Report Date:

February 07, 2023

Page:

1 of 3

Part:

4 of 7

QUALITY CONTROL REPORT

VAN22003376.1

	Method	LF300	LF300	LF300	LF300	LF300	LF300	TC000	TC005	TC005	TC006	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Zr	Y	Nb	Sc	LOI	Sum	TOT/C	C/ORG	C/GRA	CO2	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As
	Unit	ppm	ppm	ppm	ppm	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm
	MDL	5	3	5	1	-5.1	0.01	0.02	0.02	0.02	0.08	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1
AER22TS-3118	Till	247	30	12	12	14.9	99.90	3.46	2.11	0.03	4.84	1.99	23.72	13.03	56.0	100	33.5	12.6	1094	2.75	31.9
Pulp Duplicates																					
AER22TS-3084	Till	314	24	14	12	10.4	99.93	1.70	1.66	0.02	0.08	1.48	22.83	13.29	84.0	131	34.4	9.8	661	3.32	14.5
REP AER22TS-3084	QC							1.70													
AER22TS-3087	Till	186	27	15	14	8.6	99.91	0.58	0.54	0.03	<0.08	0.43	28.02	11.82	72.7	71	37.9	10.5	408	3.26	7.5
REP AER22TS-3087	QC										<0.08										
AER22TS-3089	Till	262	18	11	12	14.5	99.91	1.82	0.46	<0.02	4.93	0.46	15.81	9.87	65.8	57	27.2	10.5	1361	2.71	6.6
REP AER22TS-3089	QC											0.39	15.05	9.81	63.9	52	27.2	11.0	1385	2.73	6.3
AER22TS-3091	Till	248	23	13	11	11.3	99.93	1.61	0.55	<0.02	3.83	1.11	24.22	14.32	67.7	106	34.9	14.6	686	2.56	10.6
REP AER22TS-3091	QC	247	24	16	11	11.3	99.92														
AER22TS-3092	Till	263	25	11	12	7.9	99.93	0.59	0.55	<0.02	<0.08	0.91	31.06	14.59	84.8	128	46.5	11.7	957	2.92	10.8
REP AER22TS-3092	QC																				
AER22TS-3096	Till	275	19	14	9	8.9	99.94	1.43	0.95	0.02	1.65	0.73	15.76	9.93	59.6	98	20.3	7.0	245	2.02	8.7
REP AER22TS-3096	QC											0.73	16.05	9.72	57.8	99	20.6	7.0	245	2.00	8.7
AER22TS-3104	Till	265	20	13	8	12.6	99.91	2.69	1.30	<0.02	5.04	0.52	13.79	9.02	55.0	78	21.4	8.8	574	1.97	7.2
REP AER22TS-3104	QC										0.02										
AER22TS-3112	Till	119	18	13	11	16.0	99.90	3.22	0.68	<0.02	9.25	0.62	23.25	12.61	68.0	62	29.0	11.1	491	2.62	5.6
REP AER22TS-3112	QC							3.23			9.18										
AER22TS-3113	Till	211	28	7	17	14.1	99.88	0.79	0.73	<0.02	0.17	0.32	22.90	9.17	89.9	62	44.5	12.3	222	3.70	6.6
REP AER22TS-3113	QC											0.30	21.74	8.47	84.3	61	43.2	11.5	217	3.62	6.5
AER22TS-3114	Till	164	13	7	5	25.9	99.86	7.01	0.88	<0.02	22.45	0.60	9.32	5.45	37.5	60	12.0	4.4	352	1.23	3.3
REP AER22TS-3114	QC	163	13	5	5	25.9	99.86														
AER22TS-3117	Till	151	36	9	13	23.7	99.91	9.42	9.29	0.10	0.08	2.51	83.31	23.76	59.4	186	66.3	12.7	192	2.81	129.0
REP AER22TS-3117	QC										0.11										
Reference Materials																					
STD BVGEO01	Standard																				
STD BVGEO01	Standard																				
STD COO2	Standard										3.56										
STD COO2	Standard										3.36										



**BUREAU
VERITAS**

MINERAL LABORATORIES
Canada

www.bvna.com/mining-laboratory-services

Client:

Palmer

470 Granville St. - Suite 630
Vancouver British Columbia V6C 1V5 Canada

Project:

AER

Report Date:

February 07, 2023

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Page:

1 of 3

Part:

5 of 7

QUALITY CONTROL REPORT

VAN22003376.1

	Method Analyte Unit MDL	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W
		ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm
		0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1
AER22TS-3118	Till	0.9	6.0	5.6	31.1	0.26	1.01	0.18	43	2.76	0.064	23.6	29.3	1.73	193.4	0.016	2	1.75	0.009	0.09	0.2
Pulp Duplicates																					
AER22TS-3084	Till	0.9	1.8	6.5	36.9	0.14	0.42	0.22	39	0.58	0.060	19.7	26.5	0.49	249.5	0.011	4	1.81	0.006	0.25	<0.1
REP AER22TS-3084	QC																				
AER22TS-3087	Till	0.9	1.6	6.9	25.9	0.10	0.30	0.22	46	0.67	0.079	25.3	34.8	0.85	183.7	0.014	1	2.18	0.007	0.17	<0.1
REP AER22TS-3087	QC																				
AER22TS-3089	Till	1.2	0.9	6.1	84.3	0.25	0.30	0.14	43	5.66	0.121	18.9	30.7	0.83	255.3	0.013	<1	2.12	0.008	0.08	<0.1
REP AER22TS-3089	QC	1.1	1.8	6.0	81.7	0.22	0.26	0.13	44	5.67	0.113	18.3	29.6	0.83	250.8	0.011	<1	2.14	0.008	0.08	<0.1
AER22TS-3091	Till	0.9	1.3	6.4	62.6	0.41	0.40	0.22	37	3.56	0.068	20.3	24.6	0.92	279.8	0.010	5	1.53	0.009	0.17	<0.1
REP AER22TS-3091	QC																				
AER22TS-3092	Till	0.9	8.4	6.2	30.4	0.29	0.46	0.23	43	0.66	0.097	20.1	30.0	0.61	312.1	0.005	2	1.85	0.007	0.12	<0.1
REP AER22TS-3092	QC																				
AER22TS-3096	Till	0.5	1.2	3.1	25.7	0.19	0.31	0.15	33	1.58	0.049	12.4	21.4	0.76	146.2	0.008	2	1.54	0.009	0.10	<0.1
REP AER22TS-3096	QC	0.5	1.3	3.0	25.8	0.18	0.32	0.15	33	1.57	0.048	12.0	21.0	0.76	145.8	0.008	2	1.51	0.009	0.09	<0.1
AER22TS-3104	Till	0.6	0.7	3.9	42.9	0.23	0.27	0.13	30	3.73	0.068	14.6	19.2	1.43	175.0	0.006	2	1.48	0.007	0.11	<0.1
REP AER22TS-3104	QC																				
AER22TS-3112	Till	0.8	0.9	6.3	106.6	0.26	0.26	0.19	29	7.47	0.057	14.6	24.6	1.35	204.8	0.007	2	1.58	0.008	0.14	<0.1
REP AER22TS-3112	QC																				
AER22TS-3113	Till	0.6	1.5	5.4	27.0	0.20	0.32	0.11	64	1.17	0.088	21.8	45.1	1.52	151.4	0.006	<1	2.72	0.007	0.13	<0.1
REP AER22TS-3113	QC	0.6	1.3	5.0	25.8	0.19	0.28	0.10	62	1.14	0.085	20.6	43.5	1.49	138.8	0.006	<1	2.64	0.007	0.12	<0.1
AER22TS-3114	Till	0.5	0.3	2.3	151.1	0.21	0.13	0.07	15	14.60	0.052	5.2	9.1	3.39	123.8	0.001	4	0.59	0.008	0.12	<0.1
REP AER22TS-3114	QC																				
AER22TS-3117	Till	1.0	2.3	6.0	48.6	0.23	0.98	0.35	49	1.51	0.039	24.3	31.3	0.42	545.2	0.031	3	1.47	0.009	0.12	0.7
REP AER22TS-3117	QC																				
Reference Materials																					
STD BVGEO01	Standard																				
STD BVGEO01	Standard																				
STD COO2	Standard																				
STD COO2	Standard																				



**BUREAU
VERITAS**

MINERAL LABORATORIES
Canada

www.bvna.com/mining-laboratory-services

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client:

Palmer

470 Granville St. - Suite 630

Vancouver British Columbia V6C 1V5 Canada

Project:

AER

Report Date:

February 07, 2023

Page:

1 of 3

Part:

6 of 7

QUALITY CONTROL REPORT

VAN22003376.1

	Method Analyte Unit MDL	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re
		ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb
		0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1
AER22TS-3118	Till	6.4	0.67	0.03	142	0.4	0.03	4.9	0.91	<0.1	0.15	0.61	9.9	0.5	<0.05	8.1	20.78	37.2	0.03	<1
Pulp Duplicates																				
AER22TS-3084	Till	6.4	0.25	<0.02	67	0.7	0.05	5.5	1.17	<0.1	0.18	0.41	19.6	0.7	<0.05	9.6	12.85	39.9	0.03	<1
REP AER22TS-3084	QC																			
AER22TS-3087	Till	7.3	0.23	<0.02	67	0.4	0.03	7.1	1.77	<0.1	0.12	0.20	15.7	0.8	<0.05	6.5	16.78	45.9	0.03	<1
REP AER22TS-3087	QC																			
AER22TS-3089	Till	7.2	0.13	<0.02	34	0.2	<0.02	7.1	1.05	<0.1	0.21	0.09	8.5	0.8	<0.05	6.9	10.96	36.8	0.03	<1
REP AER22TS-3089	QC	6.9	0.13	<0.02	36	0.2	<0.02	6.9	0.96	<0.1	0.19	0.08	8.1	0.7	<0.05	6.4	10.41	35.2	0.04	<1
AER22TS-3091	Till	5.2	0.27	<0.02	57	0.2	0.04	4.9	1.67	<0.1	0.23	0.08	18.5	0.6	<0.05	9.9	13.65	40.7	0.04	<1
REP AER22TS-3091	QC																			
AER22TS-3092	Till	7.1	0.20	<0.02	87	0.3	0.04	6.4	1.41	<0.1	0.13	0.06	12.9	0.8	<0.05	5.1	14.44	40.5	0.05	<1
REP AER22TS-3092	QC																			
AER22TS-3096	Till	3.6	0.15	<0.02	45	0.2	<0.02	5.4	0.91	<0.1	0.04	0.24	9.7	0.6	<0.05	1.8	5.97	24.4	0.02	<1
REP AER22TS-3096	QC	3.6	0.15	<0.02	34	0.2	<0.02	5.4	0.90	<0.1	0.04	0.22	9.5	0.6	<0.05	1.8	6.30	23.4	0.02	<1
AER22TS-3104	Till	3.9	0.16	<0.02	48	0.1	<0.02	4.6	0.92	<0.1	0.04	0.21	10.7	0.5	<0.05	2.0	8.78	29.3	0.03	<1
REP AER22TS-3104	QC																			
AER22TS-3112	Till	4.6	0.18	<0.02	39	0.3	0.04	4.6	1.31	<0.1	0.18	0.06	12.0	0.5	<0.05	7.9	9.39	29.9	0.03	<1
REP AER22TS-3112	QC																			
AER22TS-3113	Till	9.8	0.14	<0.02	47	0.2	<0.02	7.9	0.38	<0.1	0.16	0.15	3.5	0.6	<0.05	5.9	18.63	34.1	0.03	<1
REP AER22TS-3113	QC	9.1	0.14	<0.02	41	0.3	0.02	7.7	0.35	<0.1	0.15	0.15	3.4	0.6	<0.05	5.5	17.97	31.7	0.03	<1
AER22TS-3114	Till	2.3	0.07	<0.02	23	0.3	0.02	1.5	0.47	<0.1	0.06	0.04	6.0	0.2	<0.05	3.0	6.83	11.0	<0.02	<1
REP AER22TS-3114	QC																			
AER22TS-3117	Till	5.9	0.68	0.07	259	1.4	0.10	4.5	0.69	<0.1	0.39	2.13	10.6	0.6	<0.05	22.1	29.15	42.7	0.04	<1
REP AER22TS-3117	QC																			
Reference Materials																				
STD BVGEO01	Standard																			
STD BVGEO01	Standard																			
STD COO2	Standard																			
STD COO2	Standard																			



**BUREAU
VERITAS**

MINERAL LABORATORIES
Canada

www.bvna.com/mining-laboratory-services

Client:

Palmer

470 Granville St. - Suite 630
Vancouver British Columbia V6C 1V5 Canada

Project:

AER

Report Date:

February 07, 2023

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Page:

1 of 3

Part: 7 of 7

QUALITY CONTROL REPORT

VAN22003376.1

	Method Analyte Unit MDL	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Li	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Pd	Pt
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb
		0.1	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	10	2
AER22TS-3118	Till	13.0	6.16	23.95	5.05	1.10	4.68	0.63	3.63	0.67	1.80	0.24	1.48	0.21	<10	<2
Pulp Duplicates																
AER22TS-3084	Till	15.2	5.41	19.65	4.24	0.87	3.75	0.58	2.79	0.50	1.39	0.18	1.04	0.15	<10	<2
REP AER22TS-3084	QC															
AER22TS-3087	Till	20.7	7.02	26.81	5.71	1.28	5.12	0.69	3.52	0.60	1.55	0.19	1.18	0.14	<10	<2
REP AER22TS-3087	QC															
AER22TS-3089	Till	17.9	4.73	17.77	3.59	0.69	3.03	0.40	2.22	0.37	1.05	0.13	0.90	0.11	<10	<2
REP AER22TS-3089	QC	17.4	4.64	16.78	3.35	0.67	3.05	0.42	2.27	0.37	0.97	0.13	0.81	0.11	<10	<2
AER22TS-3091	Till	15.5	5.42	20.69	4.13	0.89	3.72	0.51	2.74	0.50	1.32	0.17	1.04	0.15	<10	<2
REP AER22TS-3091	QC															
AER22TS-3092	Till	19.0	5.52	22.20	4.79	0.95	4.27	0.60	2.99	0.50	1.26	0.18	0.97	0.13	<10	<2
REP AER22TS-3092	QC															
AER22TS-3096	Till	13.7	2.94	11.55	2.25	0.45	1.87	0.24	1.26	0.22	0.54	0.07	0.40	0.05	<10	<2
REP AER22TS-3096	QC	13.3	2.86	11.30	2.22	0.44	1.85	0.23	1.23	0.21	0.53	0.07	0.38	0.06	<10	<2
AER22TS-3104	Till	13.8	3.96	15.47	3.15	0.66	2.71	0.34	1.84	0.29	0.84	0.10	0.66	0.10	<10	<2
REP AER22TS-3104	QC															
AER22TS-3112	Till	21.4	3.46	14.00	2.93	0.59	2.60	0.34	1.82	0.31	0.80	0.10	0.61	0.09	<10	<2
REP AER22TS-3112	QC															
AER22TS-3113	Till	17.8	5.12	21.28	4.51	1.23	4.35	0.57	3.25	0.60	1.60	0.20	1.23	0.18	<10	<2
REP AER22TS-3113	QC	17.4	4.68	19.51	4.12	1.13	3.99	0.53	3.00	0.55	1.47	0.18	1.15	0.16	<10	<2
AER22TS-3114	Till	7.9	1.44	6.27	1.51	0.34	1.57	0.21	1.17	0.21	0.53	0.06	0.38	0.05	<10	<2
REP AER22TS-3114	QC															
AER22TS-3117	Till	11.9	6.23	24.72	5.41	1.20	5.45	0.75	4.46	0.87	2.46	0.33	2.20	0.33	<10	<2
REP AER22TS-3117	QC															
Reference Materials																
STD BVGEO01	Standard															
STD BVGEO01	Standard															
STD COO2	Standard															
STD COO2	Standard															



Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Project: AER
Report Date: February 07, 2023

Page: 2 of 3

Part: 1 of 7

QUALITY CONTROL REPORT

VAN22003376.1

		WGHT	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100
		Wgt	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1
STD COO2	Standard																			
STD COO2	Standard																			
STD DS11	Standard																			
STD DS11	Standard																			
STD DS11	Standard																			
STD GGC-09	Standard																			
STD GGC-09	Standard																			
STD GGC-09	Standard																			
STD GGC-09	Standard																			
STD GS311-1	Standard																			
STD GS910-4	Standard																			
STD OREAS279	Standard																			
STD OREAS279	Standard																			
STD OREAS262	Standard																			
STD OREAS262	Standard																			
STD OREAS262	Standard																			
STD OREAS262	Standard																			
STD SO-19	Standard	497	17	25.6	4.7	17.3	3.0	66.8	19.4	18	307.7	4.5	13.8	19.4	157	9.3	112.0	35.6	70.3	161.1
STD SO-19	Standard	486	21	23.5	4.5	16.4	3.0	67.4	19.7	20	313.6	4.5	13.2	18.7	160	10.0	115.9	36.2	70.3	160.7
STD SO-19	Standard																			
STD SO-19	Standard																			
STD SO-19	Standard	472	19	24.0	4.7	15.6	3.0	66.8	19.7	18	301.1	4.4	12.4	17.9	157	9.5	110.5	35.8	70.8	153.5
STD SO-19	Standard	484	13	22.8	4.4	16.9	3.1	66.4	19.6	18	314.7	5.0	13.0	18.6	160	9.8	110.3	37.4	70.9	160.0
STD SO-19	Standard																			
STD SO-19	Standard																			
STD GS910-4 Expected																				
STD OREAS279 Expected																				
STD GS311-1 Expected																				
STD COO2 Expected																				



**BUREAU
VERITAS**

MINERAL LABORATORIES
Canada

www.bvna.com/mining-laboratory-services

Client:

Palmer

470 Granville St. - Suite 630

Vancouver British Columbia V6C 1V5 Canada

Project:

AER

Report Date:

February 07, 2023

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Page:

2 of 3

Part:

2 of 7

QUALITY CONTROL REPORT

VAN22003376.1

		LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	
		Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		0.02	0.3	0.05	0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	
STD COO2	Standard																					
STD COO2	Standard																					
STD DS11	Standard																					
STD DS11	Standard																					
STD DS11	Standard																					
STD GGC-09	Standard																					
STD GGC-09	Standard																					
STD GGC-09	Standard																					
STD GGC-09	Standard																					
STD GS311-1	Standard																					
STD GS910-4	Standard																					
STD OREAS279	Standard																					
STD OREAS279	Standard																					
STD OREAS262	Standard														0.6	116.9	54.7	161	66.4	37.2	0.6	2.0
STD OREAS262	Standard														0.6	115.0	55.1	154	64.2	35.7	0.6	3.3
STD OREAS262	Standard																					
STD SO-19	Standard	19.54	76.1	13.35	3.67	10.22	1.33	7.17	1.34	3.77	0.53	3.38	0.49									
STD SO-19	Standard	19.63	75.7	13.16	3.75	10.48	1.37	7.40	1.31	3.77	0.55	3.36	0.52									
STD SO-19	Standard																					
STD SO-19	Standard																					
STD SO-19	Standard	19.23	73.0	12.79	3.65	10.34	1.38	7.17	1.38	3.73	0.50	3.19	0.50									
STD SO-19	Standard	19.45	75.8	13.21	3.61	10.46	1.36	7.37	1.39	3.79	0.50	3.34	0.51									
STD SO-19	Standard																					
STD SO-19	Standard																					
STD GS910-4 Expected																						
STD OREAS279 Expected																						
STD GS311-1 Expected																						
STD COO2 Expected																						



BUREAU
VERITAS

MINERAL LABORATORIES
Canada

www.bvna.com/mining-laboratory-services

Client:

Palmer

470 Granville St. - Suite 630
Vancouver British Columbia V6C 1V5 Canada

Project:

AER

Report Date:

February 07, 2023

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Page:

2 of 3

Part:

3 of 7

QUALITY CONTROL REPORT

VAN22003376.1

		AQ200	AQ200	AQ200	AQ200	AQ200	LF300	LF300	LF300	LF300	LF300	LF300	LF300	LF300	LF300	LF300	LF300	LF300	LF300	LF300	LF300
		Bi	Ag	Au	Hg	Tl	Se	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ba	Ni	Sr
		ppm	ppm	ppb	ppm	ppm	ppm	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm
		0.1	0.1	0.5	0.01	0.1	0.5	0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	5	20	2
STD COO2	Standard																				
STD COO2	Standard																				
STD DS11	Standard																				
STD DS11	Standard																				
STD DS11	Standard																				
STD GGC-09	Standard																				
STD GGC-09	Standard																				
STD GGC-09	Standard																				
STD GGC-09	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD OREAS279	Standard																				
STD OREAS279	Standard																				
STD OREAS262	Standard	0.9	0.5	53.1	0.16	0.4	0.6														
STD OREAS262	Standard																				
STD OREAS262	Standard	0.9	0.4	68.2	0.15	0.5	0.5														
STD OREAS262	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard							60.68	13.87	7.43	2.89	5.90	4.04	1.28	0.70	0.33	0.13	0.490	468	463	313
STD SO-19	Standard							60.54	13.90	7.48	2.90	6.00	4.00	1.29	0.70	0.32	0.13	0.489	472	465	314
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard							60.36	13.95	7.52	2.93	5.99	4.04	1.30	0.70	0.33	0.13	0.494	480	471	316
STD SO-19	Standard							60.85	13.81	7.40	2.90	5.91	4.01	1.26	0.70	0.30	0.13	0.481	457	450	310
STD GS910-4 Expected																					
STD OREAS279 Expected																					
STD GS311-1 Expected																					
STD COO2 Expected																					



**BUREAU
VERITAS**

MINERAL LABORATORIES
Canada

www.bvna.com/mining-laboratory-services

Client:

Palmer

470 Granville St. - Suite 630

Vancouver British Columbia V6C 1V5 Canada

Project:

AER

Report Date:

February 07, 2023

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Page:

2 of 3

Part:

4 of 7

QUALITY CONTROL REPORT

VAN22003376.1

		LF300	LF300	LF300	LF300	LF300	LF300	TC000	TC005	TC005	TC006	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	
		Zr	Y	Nb	Sc	LOI	Sum	TOT/C	C/ORG	C/GRA	CO2	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	
		ppm	ppm	ppm	ppm	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	
		5	3	5	1	-5.1	0.01	0.02	0.02	0.02	0.08	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	
STD COO2	Standard											3.63										
STD COO2	Standard											3.60										
STD DS11	Standard											14.41	143.02	133.56	330.7	1914	79.1	14.7	1049	3.12	45.8	
STD DS11	Standard											14.46	150.92	137.92	354.1	1780	82.4	14.5	1060	3.20	44.0	
STD DS11	Standard											14.35	147.75	133.52	347.4	1650	79.8	13.8	1050	3.14	43.8	
STD GGC-09	Standard											2.28										
STD GGC-09	Standard											2.40										
STD GGC-09	Standard											2.24										
STD GGC-09	Standard											2.38										
STD GS311-1	Standard											1.01										
STD GS910-4	Standard											2.81										
STD OREAS279	Standard											1.19										
STD OREAS279	Standard											1.14										
STD OREAS262	Standard																					
STD OREAS262	Standard											0.64	116.18	55.21	157.7	448	64.7	28.2	542	3.31	35.7	
STD OREAS262	Standard																					
STD OREAS262	Standard											0.62	114.26	54.66	158.0	455	65.3	27.5	546	3.28	36.2	
STD SO-19	Standard																					
STD SO-19	Standard																					
STD SO-19	Standard	124	35	72	27	1.9	99.86															
STD SO-19	Standard	124	35	71	27	1.9	99.86															
STD SO-19	Standard																					
STD SO-19	Standard																					
STD SO-19	Standard	129	35	75	27	1.9	99.86															
STD SO-19	Standard	119	34	73	26	1.9	99.86															
STD GS910-4 Expected												2.65										
STD OREAS279 Expected												1.13										
STD GS311-1 Expected												1.02										
STD COO2 Expected												3.43										



**BUREAU
VERITAS**

MINERAL LABORATORIES
Canada

www.bvna.com/mining-laboratory-services

Client:

Palmer

470 Granville St. - Suite 630
Vancouver British Columbia V6C 1V5 Canada

Project:

AER

Report Date:

February 07, 2023

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Page:

2 of 3

Part:

5 of 7

QUALITY CONTROL REPORT

VAN22003376.1

		AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W
		ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm
		0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1
STD COO2	Standard																				
STD COO2	Standard																				
STD DS11	Standard	2.6	70.1	8.0	66.4	2.64	7.78	12.39	48	1.07	0.077	18.8	58.5	0.85	382.1	0.089	7	1.16	0.076	0.40	3.0
STD DS11	Standard	2.5	103.0	7.6	68.3	2.32	7.93	11.50	50	1.09	0.071	18.0	62.2	0.85	365.9	0.095	7	1.16	0.077	0.41	2.9
STD DS11	Standard	2.4	68.2	7.4	67.3	2.33	8.29	11.16	49	1.07	0.070	17.9	59.3	0.85	369.4	0.094	7	1.16	0.080	0.41	3.0
STD GGC-09	Standard																				
STD GGC-09	Standard																				
STD GGC-09	Standard																				
STD GGC-09	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD OREAS279	Standard																				
STD OREAS279	Standard																				
STD OREAS262	Standard																				
STD OREAS262	Standard	1.1	48.1	9.0	35.9	0.62	3.28	0.92	22	2.93	0.040	17.4	44.0	1.18	239.9	0.003	4	1.31	0.070	0.31	0.1
STD OREAS262	Standard																				
STD OREAS262	Standard	1.1	56.2	8.8	34.3	0.62	4.65	0.92	22	3.01	0.040	18.2	42.5	1.16	237.2	0.003	4	1.29	0.069	0.33	0.2
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD GS910-4 Expected																					
STD OREAS279 Expected																					
STD GS311-1 Expected																					
STD COO2 Expected																					



**BUREAU
VERITAS**

MINERAL LABORATORIES
Canada

www.bvna.com/mining-laboratory-services

Client:

Palmer

470 Granville St. - Suite 630
Vancouver British Columbia V6C 1V5 Canada

Project:

AER

Report Date:

February 07, 2023

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Page:

2 of 3

Part:

6 of 7

QUALITY CONTROL REPORT

VAN22003376.1

		AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be
		ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm
		0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1
STD COO2	Standard																				
STD COO2	Standard																				
STD DS11	Standard	3.2	4.86	0.27	282	2.3	4.70	5.2	3.03	<0.1	0.07	1.70	33.2	2.0	<0.05	3.5	8.23	37.8	0.29	50	0.7
STD DS11	Standard	3.2	4.91	0.30	257	2.4	4.95	4.8	2.80	<0.1	0.07	1.67	33.5	1.8	<0.05	3.2	8.22	35.6	0.23	48	0.7
STD DS11	Standard	3.2	4.69	0.28	272	2.3	4.74	4.7	2.71	<0.1	0.08	1.83	33.3	1.8	<0.05	3.4	8.28	36.7	0.23	45	0.7
STD GGC-09	Standard																				
STD GGC-09	Standard																				
STD GGC-09	Standard																				
STD GGC-09	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD OREAS279	Standard																				
STD OREAS279	Standard																				
STD OREAS262	Standard																				
STD OREAS262	Standard	3.1	0.44	0.27	158	0.6	0.23	3.8	2.36	<0.1	0.28	<0.02	19.1	0.5	<0.05	12.4	11.10	34.2	0.03	<1	1.1
STD OREAS262	Standard																				
STD OREAS262	Standard	3.1	0.44	0.26	170	0.6	0.24	3.8	2.56	<0.1	0.30	<0.02	19.5	0.5	<0.05	13.3	10.88	34.4	0.03	1	1.1
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD SO-19	Standard																				
STD GS910-4 Expected																					
STD OREAS279 Expected																					
STD GS311-1 Expected																					
STD COO2 Expected																					



**BUREAU
VERITAS**

MINERAL LABORATORIES
Canada

www.bvna.com/mining-laboratory-services

Client:

Palmer

470 Granville St. - Suite 630
Vancouver British Columbia V6C 1V5 Canada

Project:

AER

Report Date:

February 07, 2023

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Page:

2 of 3

Part:

7 of 7

QUALITY CONTROL REPORT

VAN22003376.1

		AQ251 Li ppm 0.1	AQ251 Pr ppm 0.02	AQ251 Nd ppm 0.02	AQ251 Sm ppm 0.02	AQ251 Eu ppm 0.02	AQ251 Gd ppm 0.02	AQ251 Tb ppm 0.02	AQ251 Dy ppm 0.02	AQ251 Ho ppm 0.02	AQ251 Er ppm 0.02	AQ251 Tm ppm 0.02	AQ251 Yb ppm 0.02	AQ251 Lu ppm 0.02	AQ251 Pd ppb 10	AQ251 Pt ppb 2
STD COO2	Standard															
STD COO2	Standard															
STD DS11	Standard	25.9	4.34	15.49	2.79	0.56	2.37	0.31	1.79	0.32	0.84	0.11	0.80	0.12	97	185
STD DS11	Standard	23.2	3.75	14.40	2.53	0.47	2.10	0.27	1.52	0.28	0.79	0.11	0.71	0.10	101	176
STD DS11	Standard	21.6	4.08	14.65	2.64	0.49	2.11	0.29	1.57	0.29	0.81	0.12	0.75	0.12	97	166
STD GGC-09	Standard															
STD GGC-09	Standard															
STD GGC-09	Standard															
STD GGC-09	Standard															
STD GS311-1	Standard															
STD GS910-4	Standard															
STD OREAS279	Standard															
STD OREAS279	Standard															
STD OREAS262	Standard															
STD OREAS262	Standard	16.5	3.94	15.55	3.28	0.61	2.90	0.38	2.13	0.38	1.03	0.13	0.82	0.12	<10	<2
STD OREAS262	Standard															
STD OREAS262	Standard	16.5	4.24	15.77	3.33	0.63	2.89	0.39	2.13	0.39	1.04	0.14	0.85	0.12	<10	<2
STD SO-19	Standard															
STD SO-19	Standard															
STD SO-19	Standard															
STD SO-19	Standard															
STD SO-19	Standard															
STD SO-19	Standard															
STD SO-19	Standard															
STD SO-19	Standard															
STD SO-19	Standard															
STD GS910-4 Expected																
STD OREAS279 Expected																
STD GS311-1 Expected																
STD COO2 Expected																



**BUREAU
VERITAS**

MINERAL LABORATORIES
Canada

www.bvna.com/mining-laboratory-services

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client:

Palmer

470 Granville St. - Suite 630

Vancouver British Columbia V6C 1V5 Canada

Project:

AER

Report Date:

February 07, 2023

Page:

3 of 3

Part:

1 of 7

QUALITY CONTROL REPORT

VAN22003376.1

		WGHT	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	
		Wgt	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1
STD GGC-09 Expected																					
STD SO-19 Expected			486	20	24	4.5	17.5	3.1	68.5	19.5	19	317.1	4.9	13	19.4	165	9.8	112	35.5	71.3	161
STD BVGEO01 Expected																					
STD DS11 Expected																					
STD OREAS262 Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank		<1	1	<0.2	<0.1	<0.5	<0.1	<0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	2.2	<0.1	<0.1	<0.1
BLK	Blank																				
BLK	Blank		<1	<1	<0.2	<0.1	<0.5	<0.1	0.2	0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	0.2	<0.1	<0.1	<0.1
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				



**BUREAU
VERITAS**

MINERAL LABORATORIES
Canada

www.bvna.com/mining-laboratory-services

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client:

Palmer

470 Granville St. - Suite 630

Vancouver British Columbia V6C 1V5 Canada

Project:

AER

Report Date:

February 07, 2023

Page:

3 of 3

Part:

2 of 7

QUALITY CONTROL REPORT

VAN22003376.1

		LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
		Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.02	0.3	0.05	0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1
STD GGC-09 Expected																					
STD SO-19 Expected		19.4	75.7	13.7	3.81	10.53	1.41	7.5	1.39	3.78	0.55	3.55	0.53								
STD BVGEO01 Expected														10.8	4415	187	1741	163	121	6.5	2.2
STD DS11 Expected																					
STD OREAS262 Expected														0.68	118	56	154	62	35.8	0.61	3.39
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank													<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1
BLK	Blank																				
BLK	Blank	<0.02	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01								
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.02	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01								
BLK	Blank																				
BLK	Blank													<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1
BLK	Blank																				



**BUREAU
VERITAS**

MINERAL LABORATORIES
Canada

www.bvna.com/mining-laboratory-services

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client:

Palmer

470 Granville St. - Suite 630

Vancouver British Columbia V6C 1V5 Canada

Project:

AER

Report Date:

February 07, 2023

Page:

3 of 3

Part:

3 of 7

QUALITY CONTROL REPORT

VAN22003376.1

		AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	LF300	LF300	LF300	LF300	LF300	LF300	LF300	LF300	LF300	LF300	LF300	LF300	LF300		
		Bi	Ag	Au	Hg	Tl	Se	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ba	Ni	Sr	
		ppm	ppm	ppb	ppm	ppm	ppm	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	
		0.1	0.1	0.5	0.01	0.1	0.5	0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	5	20	2	
STD GGC-09 Expected																						
STD SO-19 Expected		61.13 13.95 7.47 2.88 6 4.11 1.29 0.69 0.32 0.13 0.5 486 470 317.1																				
STD BVGEO01 Expected		25.6	2.53	219	0.1	0.62	4.84															
STD DS11 Expected																						
STD OREAS262 Expected		1.03	0.45	65	0.17	0.47	0.4															
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank	<0.1	<0.1	<0.5	<0.01	<0.1	<0.5															
BLK	Blank																					
BLK	Blank																					
BLK	Blank	0.04 <0.01 <0.04 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.002 <5 <20 <2																				
BLK	Blank																					
BLK	Blank																					
BLK	Blank	<0.01 <0.01 <0.04 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.002 <5 <20 <2																				
BLK	Blank	<0.1	<0.1	<0.5	<0.01	<0.1	<0.5															
BLK	Blank																					



**BUREAU
VERITAS**

MINERAL LABORATORIES
Canada

www.bvna.com/mining-laboratory-services

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client:

Palmer

470 Granville St. - Suite 630

Vancouver British Columbia V6C 1V5 Canada

Project:

AER

Report Date:

February 07, 2023

Page:

3 of 3

Part:

4 of 7

QUALITY CONTROL REPORT

VAN22003376.1

		LF300 Zr ppm 5	LF300 Y ppm 3	LF300 Nb ppm 5	LF300 Sc ppm 1	LF300 LOI %-5.1	LF300 Sum %0.01	TC000 TOT/C %0.02	TC005 C/ORG %0.02	TC005 C/GRA %0.02	TC006 CO2 %0.08	AQ251 Mo ppm0.01	AQ251 Cu ppm0.01	AQ251 Pb ppm0.01	AQ251 Zn ppm0.1	AQ251 Ag ppb2	AQ251 Ni ppm0.1	AQ251 Co ppm0.1	AQ251 Mn ppm1	AQ251 Fe %0.01	AQ251 As ppm0.1	
STD GGC-09 Expected		2.41																				
STD SO-19 Expected		112	35.5	68.5	27																	
STD BVGEO01 Expected																						
STD DS11 Expected													14.6	149	138	345	1710	77.7	14.2	1055	3.1	42.8
STD OREAS262 Expected													0.68	118	56	154	450	62	26.9	530	3.284	35.8
BLK	Blank											<0.02										
BLK	Blank											<0.02										
BLK	Blank											<0.08										
BLK	Blank											<0.02										
BLK	Blank											<0.08										
BLK	Blank											<0.02										
BLK	Blank																					
BLK	Blank											<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	
BLK	Blank																					
BLK	Blank	<5	<3	<5	<1	0.0	0.04															
BLK	Blank											<0.01	0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	
BLK	Blank																					
BLK	Blank	<5	<3	<5	<1	0.0	<0.01															
BLK	Blank																					
BLK	Blank											<0.01	<0.01	0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	



**BUREAU
VERITAS**

MINERAL LABORATORIES
Canada

www.bvna.com/mining-laboratory-services

Client:

Palmer

470 Granville St. - Suite 630
Vancouver British Columbia V6C 1V5 Canada

Project:

AER

Report Date:

February 07, 2023

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Page:

3 of 3

Part: 5 of 7

QUALITY CONTROL REPORT

VAN22003376.1

		AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	
		U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W
		ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm
		0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1
STD GGC-09 Expected																					
STD SO-19 Expected																					
STD BVGEO01 Expected																					
STD DS11 Expected		2.59	79	7.65	67.3	2.37	8.74	12.2	50	1.063	0.0701	18.6	61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9
STD OREAS262 Expected		1.22	65	9.33	36	0.61	5.06	1.03	22.5	2.98	0.04	15.9	41.7	1.17	248	0.0027	4	1.3	0.071	0.312	0.2
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1



**BUREAU
VERITAS**

MINERAL LABORATORIES
Canada

www.bvna.com/mining-laboratory-services

Client:

Palmer

470 Granville St. - Suite 630
Vancouver British Columbia V6C 1V5 Canada

Project:

AER

Report Date:

February 07, 2023

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Page:

3 of 3

Part: 6 of 7

QUALITY CONTROL REPORT

VAN22003376.1

		AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be
		ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm
		0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1
STD GGC-09 Expected																					
STD SO-19 Expected																					
STD BVGEO01 Expected																					
STD DS11 Expected		3.4	4.9	0.2835	260	2.2	4.56	5.1	2.88	0.08	0.06	1.53	33.6	1.8		3.1	7.82	37	0.24	50	0.67
STD OREAS262 Expected		3.24	0.47	0.253	170	0.4	0.23	4.1	2.8		0.27		18.6	0.5		11.7	11.2	32	0.033		1.14
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.1	<0.02	<0.02	6	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	0.1	<0.01	<0.1	<0.02	<1	<0.1
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1



**BUREAU
VERITAS**

MINERAL LABORATORIES
Canada

www.bvna.com/mining-laboratory-services

Client:

Palmer

470 Granville St. - Suite 630
Vancouver British Columbia V6C 1V5 Canada

Project:

AER

Report Date:

February 07, 2023

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Page:

3 of 3

Part:

7 of 7

QUALITY CONTROL REPORT

VAN22003376.1

		AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Li	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb
		0.1	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	10
STD GGC-09 Expected															
STD SO-19 Expected															
STD BVGEO01 Expected															
STD DS11 Expected		23.3	4	14.9	2.68	0.54	2.22	0.29	1.57	0.29	0.81	0.11	0.75	0.11	100
STD OREAS262 Expected		17.8	4	15	3.3	0.72	2.93	0.43	2.29	0.41	1.07	0.14	0.9	0.13	
BLK	Blank														
BLK	Blank														
BLK	Blank														
BLK	Blank														
BLK	Blank														
BLK	Blank														
BLK	Blank														
BLK	Blank	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<10
BLK	Blank														
BLK	Blank														
BLK	Blank	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<10
BLK	Blank														
BLK	Blank														
BLK	Blank														
BLK	Blank	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<10
BLK	Blank														