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To: BAFFINLAND IRON MINES CORPORATION
 2275 UPPER MIDDLE ROAD EAST
 SUITE 300
 OAKVILLE ON L6H 0C3

Page: 3 - A
 Total # Pages: 3 (A - C)
 Plus Appendix Pages
 Finalized Date: 11-FEB-2022
 Account: BIMCIO

Project: Pulps for ABA

CERTIFICATE OF ANALYSIS VA21326970

Sample Description	Method Analyte Units LOD	OA-SFE01 Ag mg/L 0.00005	OA-SFE01 Al mg/L 0.005	OA-SFE01 As mg/L 0.001	OA-SFE01 B mg/L 0.01	OA-SFE01 Ba mg/L 0.001	OA-SFE01 Be mg/L 0.0005	OA-SFE01 Bi mg/L 0.0005	OA-SFE01 Ca mg/L 0.1	OA-SFE01 Cd mg/L 0.00005	OA-SFE01 Co mg/L 0.0001	OA-SFE01 Cr mg/L 0.0005	OA-SFE01 Cu mg/L 0.001	OA-SFE01 Fe mg/L 0.03	OA-SFE01 Hg mg/L 0.00005	OA-SFE01 K mg/L 0.05
B625050		<0.0003	29.500	<0.005	0.15	0.413	<0.003	<0.003	0.7	<0.0003	0.0088	0.0083	0.009	38.50	<0.00005	89.70
B625051		0.00027	15.400	<0.002	0.07	0.156	0.0012	0.0014	1.4	0.00036	0.0031	0.0067	0.040	11.00	<0.00005	25.20
B625052		<0.00005	0.408	<0.001	0.05	<0.001	<0.0005	<0.0005	0.2	<0.00005	<0.0001	0.0010	<0.001	<0.03	<0.00005	4.01
B625053		<0.00005	0.137	<0.001	0.02	0.002	<0.0005	<0.0005	5.6	<0.00005	<0.0001	<0.0005	<0.001	<0.03	<0.00005	16.10
B625054		<0.00005	0.268	<0.001	0.02	<0.001	<0.0005	<0.0005	<0.1	<0.00005	<0.0001	<0.0005	<0.001	<0.03	<0.00005	5.09
B625055		<0.0003	32.300	<0.005	0.14	0.439	<0.003	<0.003	0.5	<0.0003	0.0057	0.0059	0.010	20.40	<0.00005	68.00
B625056		<0.0003	34.000	<0.005	0.30	0.294	<0.003	<0.003	0.7	<0.0003	0.0047	0.0060	0.010	17.50	<0.00005	75.40
B625057		<0.00005	4.030	<0.001	0.10	0.033	<0.0005	<0.0005	0.3	<0.00005	0.0012	0.0361	0.003	2.66	<0.00005	54.00
B625058		<0.00005	0.160	<0.001	0.29	<0.001	<0.0005	<0.0005	1.1	<0.00005	<0.0001	<0.0005	<0.001	<0.03	<0.00005	8.89
B625059		<0.00005	0.427	<0.001	0.16	<0.001	<0.0005	<0.0005	0.1	<0.00005	<0.0001	0.0012	<0.001	<0.03	<0.00005	3.81
B625060		<0.00005	36.200	<0.001	0.22	0.651	0.0019	<0.0005	0.7	<0.00005	0.0058	0.0115	0.006	27.90	<0.00005	64.80
B625061		<0.00005	24.100	<0.001	0.06	0.492	0.0007	<0.0005	0.5	<0.00005	0.0051	0.0033	0.005	17.60	<0.00005	78.70
B625062		<0.00005	23.500	<0.001	0.14	0.336	0.0007	<0.0005	0.4	<0.00005	0.0036	0.0057	0.009	10.80	<0.00005	63.40
B625063		<0.00005	17.800	<0.001	0.20	0.318	0.0009	<0.0005	0.3	<0.00005	0.0031	0.0028	0.003	13.60	<0.00005	50.80
B625064		<0.00005	21.600	<0.001	0.12	0.380	0.0007	<0.0005	0.5	<0.00005	0.0038	0.0026	0.005	17.80	<0.00005	76.50
B625065		<0.00005	26.400	<0.001	0.16	0.267	0.0016	<0.0005	0.4	<0.00005	0.0060	0.0296	0.008	17.50	<0.00005	49.80



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To: BAFFINLAND IRON MINES CORPORATION
 2275 UPPER MIDDLE ROAD EAST
 SUITE 300
 OAKVILLE ON L6H 0C3

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 Total # Pages: 3 (A – C)
 Plus Appendix Pages
 Finalized Date: 11-FEB-2022
 Account: BIMCIO

Project: Pulps for ABA

CERTIFICATE OF ANALYSIS VA21326970

Sample Description	Method Analyte Units LOD	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01
		Li	Mg	Mn	Mo	Moisture	Na	Ni	Pb	P	Sb	Se	Si	Sn	Sr
		mg/L	mg/L	mg/L	mg/L	%	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.005	0.05	0.0005	0.0001	0.3	0.05	0.0005	0.0001	0.3	0.0001	0.0005	0.05	0.0005	0.0005
B625050		0.030	12.80	0.0865	0.0149	<0.3	6.55	0.0205	0.0062	<2	<0.0005	<0.003	42.20	<0.003	0.0054
B625051		0.024	5.86	0.2190	0.0439	<0.3	13.60	0.0051	0.0155	<0.6	<0.0002	<0.001	29.10	0.0029	0.0080
B625052		<0.005	18.40	0.0009	0.0135	<0.3	0.43	<0.0005	<0.0001	<0.3	<0.0001	0.0009	1.09	<0.0005	0.0011
B625053		<0.005	36.20	0.0090	0.0175	<0.3	3.15	<0.0005	<0.0001	<0.3	<0.0001	0.0011	2.04	<0.0005	0.0069
B625054		<0.005	27.40	0.0008	0.0081	<0.3	0.09	<0.0005	<0.0001	<0.3	<0.0001	0.0012	1.76	<0.0005	0.0006
B625055		0.038	11.80	0.1810	0.0051	<0.3	4.26	0.0086	0.0116	<2	<0.0005	<0.003	43.90	<0.003	0.0102
B625056		0.046	12.60	0.1470	0.0039	<0.3	3.86	0.0114	0.0036	<2	<0.0005	<0.003	47.80	<0.003	0.0089
B625057		<0.005	5.90	0.0313	0.0034	<0.3	3.14	0.0062	0.0008	<0.3	<0.0001	<0.0005	6.53	<0.0005	0.0027
B625058		0.068	211.00	0.0055	0.0212	<0.3	<0.05	<0.0005	<0.0001	<0.3	<0.0001	0.0013	2.13	<0.0005	<0.0005
B625059		0.047	28.40	0.0010	0.0052	<0.3	<0.05	<0.0005	<0.0001	<0.3	<0.0001	0.0008	1.32	<0.0005	<0.0005
B625060		0.077	13.90	0.1550	0.0027	<0.3	4.64	0.0121	0.0017	0.5	<0.0001	<0.0005	47.50	0.0007	0.0097
B625061		0.018	9.32	0.1740	0.0084	<0.3	6.79	0.0049	0.0028	0.9	<0.0001	0.0006	28.80	<0.0005	0.0035
B625062		0.038	8.46	0.1500	0.0038	<0.3	5.16	0.0075	0.0070	0.4	<0.0001	0.0005	27.00	<0.0005	0.0108
B625063		0.037	6.72	0.0868	0.0059	<0.3	4.63	0.0043	0.0019	0.6	<0.0001	<0.0005	22.90	<0.0005	0.0039
B625064		0.029	7.36	0.0781	0.0064	<0.3	6.38	0.0039	0.0014	0.8	<0.0001	<0.0005	26.90	<0.0005	0.0045
B625065		0.060	12.00	0.1760	0.0120	<0.3	5.39	0.0259	0.0024	<0.3	<0.0001	0.0006	30.20	<0.0005	0.0048



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CERTIFICATE OF ANALYSIS VA21326970

Sample Description	Method Analyte Units LOD	OA-SFE01 Ti ppm 0.0001	OA-SFE01 U mg/L 0.00001	OA-SFE01 V mg/L 0.001	OA-SFE01 Zn mg/L 0.01	OA-SFE01 Hardness mg/L CaCO3e 0.6	OA-SFE01 Final pH Unity 0.1	MS14L-ANPH Br mg/L 0.05	MS14L-ANPH Cl mg/L 0.5	MS14L-ANPH F mg/L 0.02	MS14L-ANPH NO3 (as mg/L 0.005	MS14L-ANPH SO4 mg/L 0.5	MS14L-ANPH TDS mg/L 3	MS14L-ANPH Conducti uS/cm 2	MS14L-ANPH Alkalini mg/L CaCO3e 1
B625050		<0.0005	0.00127	0.043	<0.05	54.4	9.1	<2	2.2	1.62	0.140	7.6	348	246	73
B625051		<0.0002	0.00432	0.021	0.05	27.6	8.0	<0.1	5.2	1.90	0.265	10.9	188	127	29
B625052		<0.0001	<0.00001	<0.001	<0.01	76.2	7.9	<0.4	2.5	0.58	0.118	1.2	63	155	53
B625053		<0.0001	0.00001	<0.001	<0.01	163.0	8.0	<1	7.6	0.71	0.281	80.3	196	373	66
B625054		<0.0001	<0.00001	<0.001	<0.01	113.0	7.8	<2	2.7	0.58	0.064	38.8	110	227	49
B625055		<0.0005	0.00198	0.044	<0.05	49.9	9.2	<0.3	1.2	1.57	0.083	4.6	302	179	63
B625056		<0.0005	0.00107	0.027	<0.05	53.6	8.5	<3	1.8	1.20	0.778	3.7	315	198	52
B625057		<0.0001	0.00013	0.008	<0.01	25.0	8.3	<2	3.5	0.85	0.226	1.5	127	187	53
B625058		<0.0001	0.00002	<0.001	<0.01	872	7.7	<0.6	7.2	0.42	0.844	767	1040	1380	53
B625059		<0.0001	<0.00001	<0.001	<0.01	117.0	8.3	<0.5	5.9	0.91	0.144	1.8	107	228	102
B625060		0.0003	0.00139	0.039	0.02	58.9	9.1	<2	3.3	1.37	0.085	2.7	324	186	64
B625061		0.0003	0.00173	0.058	0.03	39.5	9.5	<2	0.6	1.74	0.117	4.6	276	228	88
B625062		0.0002	0.00105	0.036	0.02	35.8	9.1	<2	2.2	1.59	0.072	4.5	234	188	67
B625063		0.0002	0.00061	0.038	<0.01	28.5	9.2	<0.4	1.7	1.43	0.283	2.8	199	154	60
B625064		0.0002	0.00096	0.043	<0.01	31.5	9.2	<2	1.7	1.76	0.111	23.7	272	243	68
B625065		0.0003	0.00099	0.033	0.02	50.5	8.9	<1	1.6	1.75	0.055	3.0	236	151	59



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CERTIFICATE OF ANALYSIS VA21326970

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
FND-02 SND-01

Applies to Method: Processed at ALSE Vancouver, Burnaby, BC, Canada.
MS14L-ANPH OA-SFE01



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Total # Pages: 3 (A – C)
Plus Appendix Pages
Finalized Date: 13-JAN-2022
Account: BIMCIO

CERTIFICATE VA21327957

Project: Pulps for ABA

P.O. No.: 4500092191

This report is for 46 samples of Pulp submitted to our lab in Vancouver, BC, Canada on 1-DEC-2021.

The following have access to data associated with this certificate:

TREVOR BRISCO
PAUL DAWE
FRED LAWRENCE
HAYLEY POTHIER
JUSTIN TUPPER

PAUL BRYDEN
JASON DUFF
JORDON MARSH
JACOB PRINCE
WARRICK WILLIAMS

JASON CHIASSE
SIMON FLEURY
SHAHE NACCASHIAN
MATTHEW TRACEY

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis
SND-01	Send samples to external laboratory

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
OA-SFE01	Shake Flask Analysis at ALSE	
MS14L-ANPH	Anions by ion chromatography	ICP-MS

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Saa Traxler, General Manager, North Vancouver



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CERTIFICATE OF ANALYSIS VA21327957

Sample Description	Method Analyte Units LOD	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	
		Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Hg	K
		mg/L 0.00005	mg/L 0.005	mg/L 0.001	mg/L 0.01	mg/L 0.001	mg/L 0.0005	mg/L 0.0005	mg/L 0.1	mg/L 0.00005	mg/L 0.0001	mg/L 0.0005	mg/L 0.001	mg/L 0.03	mg/L 0.00005	mg/L 0.05
B625066		0.00011	20.600	<0.002	0.16	0.211	0.0013	0.0020	1.1	0.00020	0.0048	0.0161	0.028	13.60	<0.00005	53.90
B625067		<0.00005	6.880	<0.001	0.13	0.042	<0.0005	<0.0005	3.3	<0.0001	0.0016	0.0051	0.013	4.17	<0.00005	40.40
B625068		<0.00005	4.820	<0.001	0.21	0.022	<0.0005	<0.0005	1.3	<0.00005	0.0016	0.0114	0.002	4.01	<0.00005	53.00
B625069		0.00015	21.800	0.002	0.08	0.294	<0.001	<0.001	1.6	0.00050	0.0040	0.0023	0.024	15.90	<0.00005	92.40
B625070		0.00015	9.540	0.004	0.08	0.047	0.0009	0.0007	1.2	0.00019	0.0029	0.0091	0.034	6.82	<0.00005	36.30
B625071		0.00014	21.100	<0.002	0.47	0.100	0.0020	0.0011	0.5	<0.0001	0.0034	0.0036	0.020	11.50	<0.00005	55.30
B625072		<0.0001	18.800	<0.002	0.10	0.192	0.0017	<0.001	1.0	0.00042	0.0053	0.0072	0.016	13.10	<0.00005	78.30
B625073		<0.00005	0.221	<0.001	0.06	0.005	<0.0005	<0.0005	1.0	<0.00005	<0.0001	<0.0005	<0.001	0.04	<0.00005	26.60
B625074		<0.0001	7.370	<0.002	0.04	0.035	<0.001	<0.001	<0.2	<0.001	0.0074	0.0369	0.007	12.10	<0.00005	38.30
B625075		<0.0001	0.158	<0.002	<0.02	<0.002	<0.001	<0.001	0.3	<0.0001	<0.0002	0.0079	<0.002	<0.06	<0.00005	0.83
B625076		<0.00005	0.372	<0.001	0.03	<0.001	<0.0005	<0.0005	0.2	<0.00005	0.0002	0.0034	<0.001	0.82	<0.00005	0.44
B625077		<0.00005	0.088	<0.001	0.05	<0.001	<0.0005	<0.0005	0.2	<0.00005	<0.0001	<0.0005	<0.001	0.07	<0.00005	0.36
B625078		<0.00005	0.105	<0.001	0.02	<0.001	<0.0005	<0.0005	0.2	<0.00005	<0.0001	0.0011	<0.001	0.12	<0.00005	1.82
B625079		<0.00005	0.110	<0.001	0.05	<0.001	<0.0005	<0.0005	0.3	<0.00005	<0.0001	0.0005	<0.001	0.21	<0.00005	2.42
B625080		<0.00005	11.800	<0.001	0.19	0.024	0.0005	<0.0005	0.2	<0.00005	0.0008	0.0006	0.004	3.38	<0.00005	21.90
B625081		<0.00005	0.212	<0.001	0.24	0.029	<0.0005	<0.0005	3.3	<0.00005	<0.0001	<0.0005	<0.001	<0.03	<0.00005	50.10
B625082		0.00037	16.100	<0.001	0.09	0.128	0.0005	0.0024	0.2	<0.00005	0.0029	0.0057	0.218	12.90	<0.00005	43.30
B625083		<0.00005	4.730	<0.001	0.19	0.031	<0.0005	<0.0005	0.2	<0.00005	0.0008	0.0099	<0.001	4.05	<0.00005	32.60
B625084		<0.00005	0.942	<0.001	0.17	0.010	<0.0005	<0.0005	0.9	<0.00005	0.0001	<0.0005	<0.001	0.54	<0.00005	56.90
B625085		<0.00005	11.800	<0.001	0.21	0.133	<0.0005	<0.0005	0.3	<0.00005	0.0016	0.0011	<0.001	8.37	<0.00005	64.20
B625086		<0.0001	15.400	<0.002	0.31	0.154	0.0013	<0.001	0.4	<0.0001	0.0029	0.0017	0.010	13.30	<0.00005	43.80
B625087		<0.0003	20.500	<0.005	0.18	0.213	<0.003	<0.003	<0.5	<0.0003	0.0038	0.0026	<0.005	17.50	<0.00005	60.30
B625088		<0.0003	25.200	<0.005	0.11	0.316	<0.003	<0.003	<0.5	<0.0003	0.0035	<0.003	0.006	16.00	<0.00005	52.20
B625089		<0.0003	19.900	<0.005	0.15	0.260	<0.003	<0.003	<0.5	<0.0003	0.0045	0.0027	0.013	15.20	<0.00005	46.90
B625090		<0.00005	8.440	<0.001	0.12	0.045	<0.0005	<0.0005	0.2	<0.00005	0.0033	0.0013	0.003	8.89	<0.00005	38.20
B625091		<0.00005	10.500	<0.001	0.23	0.096	0.0006	<0.0005	0.1	<0.00005	0.0013	0.0009	0.001	5.13	<0.00005	30.40
B625092		<0.00005	1.010	<0.001	0.04	0.006	<0.0005	<0.0005	0.3	<0.00005	0.0002	<0.0005	<0.001	1.10	<0.00005	27.70
B625093		<0.00005	0.119	<0.001	0.02	<0.001	<0.0005	<0.0005	0.4	<0.00005	0.0001	0.0026	<0.001	0.20	<0.00005	0.36
B625094		<0.00005	0.122	<0.001	0.02	<0.001	<0.0005	<0.0005	0.3	<0.00005	<0.0001	0.0011	<0.001	0.07	<0.00005	<0.05
B625095		<0.00005	0.079	<0.001	0.07	0.005	<0.0005	<0.0005	8.8	<0.00005	<0.0001	<0.0005	<0.001	<0.03	<0.00005	37.10
B625096		<0.00005	0.277	<0.001	0.10	<0.001	<0.0005	<0.0005	1.1	<0.00005	<0.0001	0.0057	<0.001	0.08	<0.00005	1.25
B625097		<0.00005	0.159	<0.001	0.02	<0.001	<0.0005	<0.0005	0.8	<0.00005	<0.0001	0.0116	<0.001	<0.03	<0.00005	2.34
B625098		<0.0001	27.600	<0.002	0.07	0.267	<0.001	<0.001	0.3	<0.0001	0.0038	0.0029	0.004	23.60	<0.00005	40.70
B625099		0.00081	42.700	<0.005	0.17	0.298	0.0026	0.0085	1.6	<0.0003	0.0084	0.0112	0.573	32.70	<0.00005	41.80
B625100		<0.00005	0.498	<0.001	0.06	0.005	<0.0005	<0.0005	2.0	<0.00005	<0.0001	<0.0005	<0.001	0.25	<0.00005	22.00
B625101		<0.00005	9.150	<0.001	0.18	0.044	<0.0005	<0.0005	0.6	<0.00005	0.0032	0.0125	0.010	7.06	<0.00005	55.70
B625102		<0.0003	41.900	<0.005	0.19	0.453	<0.003	<0.003	0.7	<0.0003	0.0098	0.0813	0.017	29.10	<0.00005	47.30
B625103		<0.0001	27.600	<0.002	0.29	0.384	0.0015	<0.001	0.4	<0.0001	0.0037	0.0030	0.008	13.30	<0.00005	39.40
B625104		0.00061	39.100	<0.002	0.11	0.522	0.0027	0.0085	0.4	<0.0002	0.0043	0.0026	0.066	18.20	<0.00005	49.30
B625105		0.00005	13.500	<0.001	0.25	0.123	0.0006	0.0011	0.3	0.00012	0.0035	0.0123	0.020	12.10	<0.00005	67.40



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To: BAFFINLAND IRON MINES CORPORATION
2275 UPPER MIDDLE ROAD EAST
SUITE 300
OAKVILLE ON L6H 0C3

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Project: Pulps for ABA

CERTIFICATE OF ANALYSIS VA21327957

Sample Description	Method Analyte Units LOD	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01
		Li	Mg	Mn	Mo	Moisture	Na	Ni	Pb	P	Sb	Se	Si	Sn	Sr
		mg/L	mg/L	mg/L	mg/L	%	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.005	0.05	0.0005	0.0001	0.3	0.05	0.0005	0.0001	0.3	0.0001	0.0005	0.05	0.0005	0.0005
B625066		0.040	8.28	0.2010	0.0540	<0.3	11.10	0.0080	0.0129	<0.6	0.0004	<0.001	33.50	0.0019	0.0091
B625067		0.028	5.53	0.0684	0.1030	<0.3	12.50	0.0026	0.0025	<0.3	0.0003	<0.0005	15.60	0.0005	0.0086
B625068		0.013	6.98	0.0353	0.0115	<0.3	9.10	0.0030	0.0002	<0.3	<0.0001	0.0007	9.65	<0.0005	0.0095
B625069		0.051	8.31	0.3890	0.0755	<0.3	11.50	0.0023	0.0176	<0.6	0.0004	<0.001	32.90	0.0027	0.0090
B625070		0.026	4.84	0.1360	0.0500	<0.3	19.90	0.0050	0.0285	<0.3	0.0005	0.0007	17.70	0.0008	0.0064
B625071		0.029	9.22	0.1860	0.1020	<0.3	7.20	0.0033	0.0032	<0.6	<0.0002	<0.001	37.10	0.0047	0.0084
B625072		0.030	8.72	0.2480	0.0497	<0.3	16.90	0.0081	0.0142	<0.6	0.0002	<0.001	30.70	0.0019	0.0065
B625073		<0.005	7.34	<0.0005	0.0311	<0.3	4.99	<0.0005	<0.0001	<0.3	<0.0001	<0.0005	2.11	<0.0005	0.0062
B625074		<0.01	7.16	0.1400	2.8600	<0.3	4.54	0.0224	0.0014	<0.6	<0.0002	0.0011	12.80	<0.001	0.0024
B625075		<0.01	24.80	0.0030	0.0103	<0.3	0.21	<0.001	<0.0002	<0.6	<0.0002	<0.001	2.83	<0.001	<0.001
B625076		<0.005	14.20	0.0113	0.0410	<0.3	0.15	0.0012	<0.0001	<0.3	<0.0001	0.0010	3.12	<0.0005	<0.0005
B625077		0.020	30.00	0.0041	0.0106	<0.3	0.07	<0.0005	<0.0001	<0.3	0.0002	0.0023	5.91	<0.0005	0.0006
B625078		0.008	26.00	0.0030	0.0059	<0.3	0.20	<0.0005	<0.0001	<0.3	<0.0001	0.0008	3.93	<0.0005	0.0005
B625079		<0.005	11.90	0.0042	0.0037	<0.3	0.62	<0.0005	<0.0001	<0.3	<0.0001	<0.0005	3.82	<0.0005	0.0026
B625080		0.010	3.76	0.0299	0.0031	<0.3	3.31	0.0010	0.0012	<0.3	<0.0001	<0.0005	21.80	<0.0005	0.0019
B625081		0.017	9.47	0.0021	0.0115	<0.3	5.29	<0.0005	<0.0001	<0.3	<0.0001	<0.0005	2.78	<0.0005	0.0245
B625082		0.005	5.66	0.0662	0.0523	<0.3	1.78	0.0043	0.0031	<0.3	0.0002	0.0018	23.80	0.0042	0.0021
B625083		0.008	4.10	0.0210	0.0014	<0.3	5.98	0.0024	0.0004	<0.3	<0.0001	<0.0005	8.27	<0.0005	0.0024
B625084		0.009	4.82	0.0032	0.0248	<0.3	4.11	<0.0005	<0.0001	<0.3	0.0001	0.0011	2.96	<0.0005	0.0068
B625085		0.010	3.78	0.0306	0.0156	<0.3	5.86	0.0042	0.0015	0.7	<0.0001	<0.0005	14.00	<0.0005	0.0045
B625086		0.041	6.33	0.0586	0.0702	<0.3	4.13	0.0033	0.0017	<0.6	<0.0002	<0.001	20.40	<0.001	0.0104
B625087		0.029	7.00	0.0767	0.0436	<0.3	4.20	0.0044	0.0016	<2	<0.0005	<0.003	27.60	<0.003	0.0093
B625088		<0.03	7.53	0.0877	0.0193	<0.3	3.32	0.0041	0.0025	<2	<0.0005	<0.003	38.70	<0.003	0.0065
B625089		<0.03	4.88	0.0620	0.0404	<0.3	3.27	0.0044	0.0033	<2	<0.0005	<0.003	29.60	<0.003	0.0111
B625090		0.017	5.19	0.0469	0.0299	<0.3	3.75	0.0062	0.0009	<0.3	0.0002	0.0006	14.10	<0.0005	0.0038
B625091		0.015	3.20	0.0391	0.0050	<0.3	2.18	0.0017	0.0030	<0.3	0.0003	<0.0005	17.00	0.0007	0.0024
B625092		<0.005	2.47	0.0023	0.0144	<0.3	3.94	0.0009	<0.0001	<0.3	<0.0001	<0.0005	2.83	<0.0005	0.0018
B625093		<0.005	9.88	0.0026	0.0027	<0.3	0.13	0.0010	<0.0001	<0.3	<0.0001	0.0005	3.54	<0.0005	0.0007
B625094		<0.005	21.30	0.0017	0.0084	<0.3	<0.05	<0.0005	<0.0001	<0.3	<0.0001	0.0012	3.57	<0.0005	<0.0005
B625095		0.012	64.60	0.0325	0.0134	<0.3	3.78	<0.0005	<0.0001	<0.3	<0.0001	0.0015	2.43	<0.0005	0.0087
B625096		0.009	17.00	0.0022	0.0052	<0.3	<0.05	<0.0005	<0.0001	<0.3	<0.0001	0.0008	2.83	<0.0005	0.0013
B625097		<0.005	19.60	0.0025	0.0215	<0.3	0.97	<0.0005	<0.0001	<0.3	<0.0001	0.0012	2.28	<0.0005	0.0015
B625098		<0.01	14.30	0.1320	0.0160	<0.3	3.08	0.0064	0.0013	<0.6	0.0003	0.0011	34.90	<0.001	0.0084
B625099		0.032	15.10	0.1940	0.0598	<0.3	4.64	0.0180	0.0162	<2	<0.0005	<0.003	62.60	0.0035	0.0089
B625100		<0.005	4.49	0.0009	0.0124	<0.3	4.91	<0.0005	<0.0001	<0.3	<0.0001	<0.0005	1.84	<0.0005	0.0044
B625101		0.009	7.25	0.0372	0.0170	<0.3	5.59	0.0074	0.0010	<0.3	<0.0001	0.0011	14.20	0.0009	0.0060
B625102		0.058	15.50	0.2560	0.0086	<0.3	4.40	0.0368	0.0054	<2	<0.0005	<0.003	57.80	<0.003	0.0094
B625103		0.095	8.86	0.1170	0.0031	<0.3	3.67	0.0040	0.0030	<0.6	0.0004	<0.001	35.90	<0.001	0.0104
B625104		0.024	14.80	0.2670	0.0740	<0.3	3.95	0.0032	0.0096	<0.6	<0.0002	<0.001	53.90	<0.001	0.0070
B625105		0.023	8.73	0.0956	0.0278	<0.3	3.47	0.0091	0.0033	<0.3	0.0002	0.0012	19.10	0.0009	0.0074



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To: BAFFINLAND IRON MINES CORPORATION
2275 UPPER MIDDLE ROAD EAST
SUITE 300
OAKVILLE ON L6H 0C3

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CERTIFICATE OF ANALYSIS VA21327957

Sample Description	Method Analyte Units LOD	OA-SFE01 TI ppm 0.0001	OA-SFE01 U mg/L 0.00001	OA-SFE01 V mg/L 0.001	OA-SFE01 Zn mg/L 0.01	OA-SFE01 Hardness mg/L CaCO _{3e} 0.6	OA-SFE01 Final pH Unity 0.1	MS14L-ANPH Br mg/L 0.05	MS14L-ANPH Cl mg/L 0.5	MS14L-ANPH F mg/L 0.02	MS14L-ANPH NO ₃ (as) mg/L 0.005	MS14L-ANPH SO ₄ mg/L 0.5	MS14L-ANPH TDS mg/L 3	MS14L-ANPH Conducti uS/cm 2	MS14L-ANPH Alkalini mg/L CaCO _{3e} 1
B625066		0.0003	0.00307	0.050	0.05	36.7	8.3	0.07	2.9	3.04	0.487	5.5	251	183	63
B625067		0.0001	0.00158	0.024	<0.01	30.9	8.2	0.09	5.8	1.91	0.247	3.3	171	203	74
B625068		<0.0001	0.00007	0.017	<0.01	31.9	8.1	0.23	4.9	2.12	0.057	1.3	161	223	79
B625069		0.0005	0.01120	0.049	0.08	38.3	9.4	<0.05	3.6	5.01	0.072	2.7	329	306	127
B625070		0.0002	0.02030	0.048	0.05	23.0	8.6	0.08	9.5	2.10	0.343	4.6	184	196	66
B625071		0.0003	0.00149	0.028	0.04	39.3	8.3	0.05	3.4	5.77	1.040	2.4	253	172	51
B625072		0.0003	0.00329	0.083	0.07	38.5	9.2	0.06	3.5	4.56	1.440	3.5	301	273	104
B625073		<0.0001	<0.00001	<0.001	<0.01	32.8	7.9	0.11	8.2	1.01	0.035	<0.5	86	157	51
B625074		<0.0002	0.00030	0.016	<0.02	29.5	8.0	0.10	3.0	1.31	0.185	3.4	140	137	46
B625075		<0.0002	<0.00002	<0.002	<0.02	103.0	8.1	<0.05	4.3	1.01	0.084	1.5	89	191	79
B625076		<0.0001	<0.00001	<0.001	<0.01	59.0	7.8	<0.05	3.6	0.68	0.062	1.8	62	116	51
B625077		<0.0001	0.00002	<0.001	<0.01	124.0	7.6	<0.05	4.2	0.84	0.068	81.2	151	256	30
B625078		<0.0001	<0.00001	<0.001	<0.01	108.0	7.9	<0.05	4.6	1.25	0.180	5.3	95	201	73
B625079		<0.0001	<0.00001	<0.001	<0.01	49.6	7.5	<0.05	4.7	0.29	0.239	4.0	54	107	30
B625080		<0.0001	0.00151	0.009	<0.01	15.9	8.1	<0.05	2.5	0.96	0.092	2.1	129	80	32
B625081		<0.0001	<0.00001	0.002	<0.01	47.3	8.4	<0.05	3.9	0.74	0.100	5.8	146	255	99
B625082		0.0002	0.00196	0.018	0.02	23.8	8.3	<0.05	2.6	1.69	0.099	4.3	183	132	49
B625083		<0.0001	0.00020	0.006	<0.01	17.4	8.1	0.07	4.3	1.11	1.130	0.9	112	138	44
B625084		<0.0001	0.00006	0.001	<0.01	22.0	7.7	0.06	4.1	0.72	0.622	50.4	154	243	32
B625085		0.0001	0.00017	0.034	<0.01	16.2	8.9	<0.05	2.1	1.49	0.423	12.6	192	214	70
B625086		<0.0002	0.00235	0.024	<0.02	27.1	8.5	<0.05	1.9	1.34	0.091	5.8	176	130	46
B625087		<0.0005	0.00208	0.059	<0.05	28.8	9.0	<0.05	1.2	1.51	0.055	6.2	234	172	68
B625088		<0.0005	0.00356	0.030	<0.05	31.0	8.7	<0.05	2.4	1.09	0.940	7.9	254	139	48
B625089		<0.0005	0.00090	0.029	<0.05	20.1	8.1	<0.05	1.7	1.44	0.077	16.0	211	133	36
B625090		<0.0001	0.00109	0.008	<0.01	22.0	7.8	0.08	4.3	1.20	0.112	6.0	137	138	37
B625091		<0.0001	0.00047	0.010	<0.01	13.5	8.1	<0.05	2.6	0.93	0.174	1.7	125	99	35
B625092		<0.0001	0.00004	0.001	<0.01	11.0	7.9	0.06	6.2	1.07	0.133	1.7	77	122	39
B625093		<0.0001	<0.00001	<0.001	<0.01	41.8	7.5	<0.05	2.2	0.39	0.051	1.0	42	81	29
B625094		<0.0001	<0.00001	<0.001	<0.01	88.5	7.8	<0.05	5.9	1.17	0.104	6.7	82	168	60
B625095		<0.0001	0.00001	<0.001	<0.01	288	7.2	<0.3	4.4	0.60	0.278	290	431	627	23
B625096		<0.0001	<0.00001	0.002	<0.01	72.7	8.0	0.09	3.9	1.65	0.077	1.0	70	127	60
B625097		<0.0001	<0.00001	<0.001	<0.01	82.8	8.1	0.09	4.7	0.63	0.092	1.3	80	154	71
B625098		<0.0002	0.00093	0.019	<0.02	59.6	8.0	0.10	3.1	0.78	0.066	2.2	240	119	49
B625099		<0.0005	0.00279	0.033	<0.05	66.2	7.6	0.14	2.6	1.31	0.154	9.7	343	109	33
B625100		<0.0001	0.00001	<0.001	<0.01	23.4	7.9	0.10	7.0	0.78	0.036	<0.5	76	123	48
B625101		<0.0001	0.00026	0.030	0.01	31.3	8.2	0.34	4.2	2.18	0.072	4.3	174	203	64
B625102		<0.0005	0.00214	0.057	<0.05	65.7	8.3	0.14	2.7	1.24	0.042	3.1	330	113	45
B625103		0.0002	0.00075	0.031	<0.02	37.4	8.4	0.10	1.5	0.96	0.070	1.4	221	99	44
B625104		0.0004	0.00332	0.020	0.08	61.8	8.8	0.20	1.5	1.32	0.050	1.8	308	118	51
B625105		0.0002	0.00048	0.023	0.05	36.8	8.9	<0.3	2.0	1.52	0.318	6.7	212	208	70



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To: **BAFFINLAND IRON MINES CORPORATION**
2275 UPPER MIDDLE ROAD EAST
SUITE 300
OAKVILLE ON L6H 0C3

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CERTIFICATE OF ANALYSIS VA21327957

Sample Description	Method Analyte Units LOD	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01
		Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Hg	K
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
B625106		<0.00005	0.212	<0.001	0.02	<0.001	<0.0005	<0.0005	1.8	<0.00005	<0.0001	0.0014	<0.001	0.44	<0.00005	1.82
B625107		0.00011	12.500	<0.001	0.11	0.124	0.0011	0.0012	0.2	<0.00005	0.0023	0.0009	0.019	9.50	<0.00005	35.40
B625108		<0.00005	10.600	<0.001	0.26	0.063	0.0012	<0.0005	0.6	0.00012	0.0024	0.0020	0.025	7.98	<0.00005	30.50
B625109		0.00035	11.700	<0.001	0.04	0.101	0.0007	0.0009	0.9	0.00068	0.0038	0.0045	0.039	10.40	<0.00005	28.40
B625110		<0.00005	5.920	<0.001	0.17	0.037	<0.0005	<0.0005	0.1	<0.00005	0.0008	0.0014	<0.001	4.56	<0.00005	31.00
B625111		<0.00005	2.600	<0.001	0.06	0.015	<0.0005	<0.0005	0.2	<0.0002	0.0005	<0.0005	0.002	2.76	<0.00005	28.90



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Sample Description	Method Analyte Units LOD	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01
		Li	Mg	Mn	Mo	Moisture	Na	Ni	Pb	P	Sb	Se	Si	Sn	Sr
		mg/L	mg/L	mg/L	mg/L	%	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.005	0.05	0.0005	0.0001	0.3	0.05	0.0005	0.0001	0.3	0.0001	0.0005	0.05	0.0005	0.0005
B625106		<0.005	10.20	0.0065	0.0044	<0.3	0.58	0.0007	<0.0001	<0.3	<0.0001	0.0006	3.00	<0.0005	0.0036
B625107		0.015	6.90	0.0891	0.0105	<0.3	3.35	0.0015	0.0021	<0.3	<0.0001	<0.0005	17.40	<0.0005	0.0031
B625108		0.026	5.70	0.1100	0.0219	<0.3	10.30	0.0019	0.0024	<0.3	0.0001	<0.0005	19.90	0.0009	0.0031
B625109		0.026	6.42	0.2300	0.1090	<0.3	15.70	0.0039	0.0204	0.4	0.0001	0.0007	19.80	0.0009	0.0038
B625110		0.011	2.48	0.0134	0.0137	<0.3	3.19	0.0021	0.0004	<0.3	<0.0001	<0.0005	8.95	<0.0005	0.0022
B625111		<0.005	4.34	0.0072	0.2370	<0.3	4.68	0.0019	0.0002	<0.3	<0.0001	0.0011	5.68	<0.0005	0.0022



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To: BAFFINLAND IRON MINES CORPORATION
2275 UPPER MIDDLE ROAD EAST
SUITE 300
OAKVILLE ON L6H 0C3

Page: 3 - C
Total # Pages: 3 (A - C)
Plus Appendix Pages
Finalized Date: 13-JAN-2022
Account: BIMCIO

Project: Pulps for ABA

CERTIFICATE OF ANALYSIS VA21327957

Sample Description	Method Analyte Units LOD	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	MS14L-ANPH	MS14L-ANPH	MS14L-ANPH	MS14L-ANPH	MS14L-ANPH	MS14L-ANPH	MS14L-ANPH	MS14L-ANPH
		TI	U	V	Zn	Hardness	Final pH	Br	Cl	F	NO3 (as	SO4	TDS	Conducti	Alkalini
		ppm	mg/L	mg/L	mg/L	mg/L CaCO3e	Unity	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	uS/cm	mg/L CaCO3e
		0.0001	0.00001	0.001	0.01	0.6	0.1	0.05	0.5	0.02	0.005	0.5	3	2	1
B625106		<0.0001	<0.00001	<0.001	<0.01	46.4	7.9	<0.05	3.3	0.51	0.035	0.7	54	94	44
B625107		0.0002	0.00189	0.007	0.03	28.9	8.9	<0.05	2.4	1.66	0.033	1.3	149	111	46
B625108		0.0001	0.00209	0.029	0.03	24.9	8.9	<0.05	2.9	4.07	0.100	1.7	159	127	50
B625109		0.0002	0.00766	0.049	0.15	28.7	9.4	<0.05	4.2	3.52	0.091	2.4	173	141	58
B625110		<0.0001	0.00040	0.006	<0.01	10.5	8.2	<0.05	6.2	0.92	0.187	3.0	102	110	33
B625111		<0.0001	0.00068	0.001	<0.01	18.4	8.2	<0.05	6.8	0.85	0.061	2.1	92	129	38



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To: **BAFFINLAND IRON MINES CORPORATION**
2275 UPPER MIDDLE ROAD EAST
SUITE 300
OAKVILLE ON L6H 0C3

Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 13-JAN-2022
Account: BIMCIO

Project: Pulps for ABA

CERTIFICATE OF ANALYSIS VA21327957

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
FND-02 SND-01

Applies to Method: Processed at ALSE Vancouver, Burnaby, BC, Canada.
MS14L-ANPH OA-SFE01



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To: **BAFFINLAND IRON MINES CORPORATION**
2275 UPPER MIDDLE ROAD EAST
SUITE 300
OAKVILLE ON L6H 0C3

Page: 1
Total # Pages: 3 (A)
Plus Appendix Pages
Finalized Date: 25-MAR-2022
Account: BIMCIO

CERTIFICATE VA22026504

Project: Pulps for ABA

P.O. No.: 4500092191

This report is for 50 samples of Crushed Rock submitted to our lab in Vancouver, BC, Canada on 26-JAN-2022.

The following have access to data associated with this certificate:

TREVOR BRISCO
PAUL DAWE
FRED LAWRENCE
HAYLEY POTHIER
JUSTIN TUPPER

PAUL BRYDEN
JASON DUFF
JORDON MARSH
JACOB PRINCE
WARRICK WILLIAMS

JASON CHIASSE
SIMON FLEURY
SHAHE NACCASHIAN
MATTHEW TRACEY

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
SPL-21X	Addnl Crush Split w No Analysis
PUL-31	Pulverize up to 250g 85% <75 um
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
S-GRA06a	Sulfate Sulfur (HCl leachable)	WST-SEQ
OA-VOL08	Basic Acid Base Accounting	
S-IR08	Total Sulphur (IR Spectroscopy)	LECO
OA-ELE07	Paste pH	
S-CAL06	Sulfide Sulfur (calculated)	LECO
S-GRA06	Sulfate Sulfur-carbonate leach	WST-SEQ
C-GAS05	Inorganic Carbon (CO2)	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Saa Traxler, Director, North Vancouver Operations



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To: BAFFINLAND IRON MINES CORPORATION
 2275 UPPER MIDDLE ROAD EAST
 SUITE 300
 OAKVILLE ON L6H 0C3

Page: 2 - A
 Total # Pages: 3 (A)
 Plus Appendix Pages
 Finalized Date: 25-MAR-2022
 Account: BIMCIO

Project: Pulps for ABA

CERTIFICATE OF ANALYSIS VA22026504

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	OA-VOL08 MPA tCaCO ₃ /1Kt 0.3	OA-VOL08 FIZZ RAT Unity 1	OA-VOL08 NNP tCaCO ₃ /1Kt 1	OA-VOL08 NP tCaCO ₃ /1Kt 1	OA-ELE07 pH Unity 0.1	OA-VOL08 Ratio (N) Unity 0.01	S-IR08 S % 0.01	S-GRA06 S % 0.01	S-GRA06a S % 0.01	S-CAL06 S % 0.01	C-GAS05 C % 0.05	C-GAS05 CO ₂ % 0.2
B625112		0.30	2.2	1	23	25	8.1	11.43	0.07	0.01	0.03	0.06	<0.05	<0.2
B625113		0.38	2.8	1	22	25	8.7	8.89	0.09	<0.01	0.03	0.09	<0.05	<0.2
B625114		0.33	2.2	1	20	22	8.5	10.06	0.07	<0.01	0.02	0.07	<0.05	<0.2
B625115		0.43	1.6	1	21	23	8.5	14.72	0.05	<0.01	0.01	0.05	<0.05	<0.2
B625116		0.38	<0.3	1	21	21	8.5	134.40	<0.01	<0.01	0.03	<0.01	<0.05	<0.2
B625117		0.40	1.3	1	19	20	9.0	16.00	0.04	<0.01	0.03	0.04	<0.05	<0.2
B625118		0.39	1.6	1	24	26	8.3	16.64	0.05	<0.01	0.02	0.05	<0.05	<0.2
B625119		0.38	<0.3	1	28	28	8.2	179.20	<0.01	<0.01	0.02	<0.01	<0.05	<0.2
B625120		0.33	<0.3	1	21	21	8.8	134.40	<0.01	<0.01	0.01	<0.01	<0.05	<0.2
B625121		0.51	3.1	1	26	29	7.4	9.28	0.10	0.08	0.12	0.02	<0.05	<0.2
B625123		0.52	<0.3	1	24	24	8.1	153.60	<0.01	<0.01	0.02	<0.01	<0.05	<0.2
B625124		0.55	<0.3	1	12	12	8.7	76.80	<0.01	0.01	0.02	<0.01	<0.05	<0.2
B625126		0.59	1.9	1	24	26	8.2	13.87	0.06	<0.01	0.03	0.06	<0.05	<0.2
B625127		0.60	0.3	1	10	10	7.7	32.00	0.01	<0.01	0.03	0.01	<0.05	<0.2
B625128		0.37	0.6	1	19	20	8.3	32.00	0.02	<0.01	0.04	0.02	<0.05	<0.2
B625129		0.37	7.8	1	15	23	8.3	2.94	0.25	<0.01	0.02	0.25	<0.05	<0.2
B625130		0.35	3.4	1	17	20	8.2	5.82	0.11	<0.01	0.03	0.11	<0.05	<0.2
B625131		0.46	6.3	1	15	21	8.2	3.36	0.20	<0.01	0.01	0.20	<0.05	<0.2
B625132		0.25	3.4	1	18	21	8.3	6.11	0.11	<0.01	0.02	0.11	<0.05	<0.2
B625133		0.41	5.0	1	15	20	8.2	4.00	0.16	<0.01	0.05	0.16	<0.05	<0.2
B625134		0.50	17.2	1	-2	15	8.1	0.87	0.55	<0.01	0.04	0.55	<0.05	<0.2
B625135		0.47	0.6	1	19	20	8.2	32.00	0.02	<0.01	0.02	0.02	<0.05	<0.2
B625136		0.40	0.3	1	15	15	9.0	48.00	0.01	<0.01	0.02	0.01	<0.05	<0.2
B625137		0.34	0.3	1	16	16	9.3	51.20	0.01	<0.01	0.02	0.01	<0.05	<0.2
B625138		0.38	0.6	1	15	16	9.2	25.60	0.02	0.01	0.01	0.01	<0.05	<0.2
B625139		0.37	<0.3	1	11	11	8.9	70.40	<0.01	<0.01	0.01	<0.01	<0.05	<0.2
B625140		0.41	0.6	1	19	20	8.7	32.00	0.02	<0.01	0.04	0.02	<0.05	<0.2
B625141		0.42	0.6	1	14	15	9.5	24.00	0.02	<0.01	0.02	0.02	<0.05	<0.2
B625142		0.41	<0.3	1	13	13	9.3	83.20	<0.01	<0.01	0.02	<0.01	<0.05	<0.2
B625143		0.58	13.8	1	6	20	8.0	1.45	0.44	<0.01	<0.01	0.44	<0.05	<0.2
B625144		0.38	<0.3	1	17	17	8.5	108.80	<0.01	<0.01	0.01	<0.01	<0.05	<0.2
B625145		0.43	1.3	1	20	21	8.3	16.80	0.04	0.01	0.01	0.03	<0.05	<0.2
B625146		0.43	3.4	1	17	20	8.5	5.82	0.11	<0.01	0.02	0.11	<0.05	<0.2
B625147		0.22	0.3	1	15	15	8.6	48.00	0.01	<0.01	0.02	0.01	<0.05	<0.2
B625148		0.40	0.3	1	17	17	8.9	54.40	0.01	<0.01	<0.01	0.01	<0.05	<0.2
B625149		0.37	0.6	1	13	14	8.5	22.40	0.02	<0.01	0.02	0.02	<0.05	<0.2
B625150		0.60	<0.3	1	15	15	8.9	96.00	<0.01	<0.01	0.01	<0.01	<0.05	<0.2
B625151		0.43	<0.3	1	16	16	8.4	102.40	<0.01	<0.01	0.01	<0.01	<0.05	<0.2
B625152		0.37	<0.3	1	15	15	8.4	96.00	<0.01	<0.01	0.02	<0.01	<0.05	<0.2
B625153		0.36	<0.3	1	25	25	8.3	160.00	<0.01	<0.01	0.01	<0.01	<0.05	<0.2



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To: BAFFINLAND IRON MINES CORPORATION
2275 UPPER MIDDLE ROAD EAST
SUITE 300
OAKVILLE ON L6H 0C3

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Total # Pages: 3 (A)
Plus Appendix Pages
Finalized Date: 25-MAR-2022
Account: BIMCIO

Project: Pulps for ABA

CERTIFICATE OF ANALYSIS VA22026504

Sample Description	Method Analyte Units LOD	WEI-21	OA-VOL08	OA-VOL08	OA-VOL08	OA-VOL08	OA-ELE07	OA-VOL08	S-IR08	S-GRA06	S-GRA06a	S-CAL06	C-GAS05	C-GAS05
		Recvd Wt.	MPA	FIZZ RAT	NNP	NP	pH	Ratio (N	S	S	S	S	C	CO2
		kg	tCaCO3/1Kt	Unity	tCaCO3/1Kt	tCaCO3/1Kt	Unity	Unity	%	%	%	%	%	%
		0.02	0.3	1	1	1	0.1	0.01	0.01	0.01	0.01	0.01	0.05	0.2
B625154		0.46	0.3	1	14	14	9.1	44.80	0.01	<0.01	0.02	0.01	<0.05	<0.2
B625155		0.33	2.5	1	15	17	8.1	6.80	0.08	<0.01	0.01	0.08	<0.05	<0.2
B625156		0.45	<0.3	1	26	26	8.2	166.40	<0.01	<0.01	0.01	<0.01	<0.05	<0.2
B625157		0.39	2.8	1	20	23	8.3	8.18	0.09	<0.01	0.02	0.09	<0.05	<0.2
B625158		0.30	<0.3	1	26	26	8.3	166.40	<0.01	<0.01	<0.01	<0.01	<0.05	<0.2
B625159		0.14	0.3	1	14	14	8.9	44.80	0.01	<0.01	0.01	0.01	<0.05	<0.2
B625160		0.11	0.6	1	14	15	8.4	24.00	0.02	<0.01	0.02	0.02	<0.05	<0.2
B625161		0.40	0.3	1	10	10	9.2	32.00	0.01	<0.01	0.03	0.01	<0.05	<0.2
B625162		0.40	<0.3	1	5	5	9.2	32.00	<0.01	0.01	<0.01	<0.01	<0.05	<0.2
B625163		0.73	<0.3	1	17	17	8.2	108.80	<0.01	<0.01	<0.01	<0.01	0.06	0.2



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To: **BAFFINLAND IRON MINES CORPORATION**
2275 UPPER MIDDLE ROAD EAST
SUITE 300
OAKVILLE ON L6H 0C3

Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 25-MAR-2022
Account: BIMCIO

Project: Pulps for ABA

CERTIFICATE OF ANALYSIS VA22026504

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

C-GAS05

LOG-21

OA-ELE07

OA-VOL08

PUL-31

PUL-QC

S-CAL06

S-GRA06

S-GRA06a

S-IR08

SPL-21X

WEI-21



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2275 UPPER MIDDLE ROAD EAST
SUITE 300
OAKVILLE ON L6H 0C3

Page: 1
Total # Pages: 3 (A – C)
Plus Appendix Pages
Finalized Date: 30-MAR-2022
Account: BIMCIO

CERTIFICATE VA22028806

Project: Pulps for ABA

P.O. No.: 4500092191

This report is for 50 samples of Crushed Rock submitted to our lab in Vancouver, BC, Canada on 26-JAN-2022.

The following have access to data associated with this certificate:

TREVOR BRISCO
PAUL DAWE
FRED LAWRENCE
HAYLEY POTHIER
JUSTIN TUPPER

PAUL BRYDEN
JASON DUFF
JORDON MARSH
JACOB PRINCE
WARRICK WILLIAMS

JASON CHIASSE
SIMON FLEURY
SHAHE NACCASHIAN
MATTHEW TRACEY

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis
SND-01	Send samples to external laboratory

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
OA-SFE01	Shake Flask Analysis at ALSE	
MS14L-ANPH	Anions by ion chromatography	ICP-MS

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Saa Traxler, Director, North Vancouver Operations



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To: BAFFINLAND IRON MINES CORPORATION
2275 UPPER MIDDLE ROAD EAST
SUITE 300
OAKVILLE ON L6H 0C3

Page: 2 - A
Total # Pages: 3 (A - C)
Plus Appendix Pages
Finalized Date: 30-MAR-2022
Account: BIMCIO

Project: Pulps for ABA

CERTIFICATE OF ANALYSIS VA22028806

Sample Description	Method Analyte Units LOD	OA-SFE01 Ag mg/L 0.00005	OA-SFE01 Al mg/L 0.005	OA-SFE01 As mg/L 0.001	OA-SFE01 B mg/L 0.01	OA-SFE01 Ba mg/L 0.001	OA-SFE01 Be mg/L 0.0005	OA-SFE01 Bi mg/L 0.0005	OA-SFE01 Ca mg/L 0.1	OA-SFE01 Cd mg/L 0.00005	OA-SFE01 Co mg/L 0.0001	OA-SFE01 Cr mg/L 0.0005	OA-SFE01 Cu mg/L 0.001	OA-SFE01 Fe mg/L 0.03	OA-SFE01 Hg mg/L 0.00005	OA-SFE01 K mg/L 0.05
B625112		<0.00005	6.840	<0.001	0.05	0.016	<0.0005	<0.0005	0.8	<0.00005	0.0020	0.0077	0.022	5.34	<0.00005	5.92
B625113		<0.00005	0.638	<0.001	0.03	0.003	<0.0005	<0.0005	3.9	<0.0001	0.0002	0.0010	0.001	0.35	<0.00005	15.10
B625114		<0.00005	0.230	<0.001	0.03	0.002	<0.0005	<0.0005	4.3	<0.00005	<0.0001	<0.0005	<0.001	0.08	<0.00005	10.70
B625115		<0.00005	2.040	<0.001	0.02	0.013	<0.0005	<0.0005	0.2	<0.00005	0.0008	<0.0005	<0.001	2.44	<0.00005	8.36
B625116		<0.00005	16.600	<0.001	0.08	0.033	0.0007	<0.0005	0.3	<0.00005	0.0024	0.0244	0.003	6.73	<0.00005	12.10
B625117		<0.00005	14.400	<0.001	0.11	0.126	<0.0005	<0.0005	0.5	<0.00005	0.0026	0.0026	0.014	9.96	<0.00005	14.40
B625118		<0.00005	0.843	<0.001	0.03	0.005	<0.0005	<0.0005	1.1	<0.00005	0.0003	<0.0005	<0.001	1.32	<0.00005	6.10
B625119		<0.00005	0.124	0.005	0.03	<0.001	<0.0005	<0.0005	0.3	<0.0003	<0.0001	<0.0005	<0.001	0.07	<0.00005	2.84
B625120		<0.00005	2.160	<0.001	0.04	0.015	<0.0005	<0.0005	0.2	<0.00005	0.0004	<0.0005	<0.001	2.30	<0.00005	7.09
B625121		<0.00005	0.005	<0.001	0.09	0.011	<0.0005	<0.0005	7.8	<0.00005	0.0001	<0.0005	<0.001	<0.03	<0.00005	14.80
B625123		<0.00005	1.210	<0.001	0.02	<0.001	<0.0005	<0.0005	<0.1	<0.00005	0.0012	0.0057	<0.001	2.37	<0.00005	0.48
B625124		0.00010	1.640	<0.001	0.04	0.005	<0.0005	0.0006	<0.1	<0.00005	0.0002	<0.0005	0.002	0.52	<0.00005	5.40
B625126		<0.00005	0.130	<0.001	0.02	<0.001	<0.0005	<0.0005	0.7	<0.00005	<0.0001	<0.0005	<0.001	0.07	<0.00005	3.94
B625127		<0.00005	0.025	<0.001	0.21	0.002	<0.0005	<0.0005	1.6	<0.00005	<0.0001	<0.0005	<0.001	<0.03	<0.00005	4.40
B625128		<0.00005	0.473	<0.001	0.01	<0.001	<0.0005	<0.0005	0.3	<0.00005	0.0001	0.0089	<0.001	0.44	<0.00005	2.21
B625129		<0.00005	0.168	<0.001	0.02	0.001	<0.0005	<0.0005	0.6	<0.00005	<0.0001	0.0007	<0.001	0.11	<0.00005	4.05
B625130		<0.00005	0.089	<0.001	<0.01	<0.001	<0.0005	<0.0005	0.4	<0.00005	<0.0001	0.0017	<0.001	0.06	<0.00005	1.74
B625131		<0.00005	0.079	<0.001	<0.01	<0.001	<0.0005	<0.0005	0.8	<0.00005	<0.0001	0.0025	<0.001	<0.03	<0.00005	1.19
B625132		<0.00005	0.160	<0.001	<0.01	<0.001	<0.0005	<0.0005	0.4	<0.00005	<0.0001	<0.0005	<0.001	0.06	<0.00005	4.05
B625133		<0.00005	0.318	<0.001	0.02	0.002	<0.0005	<0.0005	0.5	<0.00005	0.0003	0.0017	<0.001	0.50	<0.00005	4.42
B625134		<0.00005	0.028	<0.001	0.02	<0.001	<0.0005	<0.0005	0.3	<0.00005	0.0001	<0.0005	<0.001	<0.03	<0.00005	0.70
B625135		<0.00005	0.123	<0.001	0.01	<0.001	<0.0005	<0.0005	0.3	<0.00005	<0.0001	0.0055	<0.001	0.09	<0.00005	2.38
B625136		<0.00005	1.580	<0.001	0.09	0.005	<0.0005	<0.0005	0.3	<0.00005	0.0001	<0.0005	0.002	0.45	<0.00005	12.70
B625137		<0.00005	2.420	<0.001	0.05	0.019	<0.0005	<0.0005	<0.1	<0.00005	0.0003	<0.0005	0.001	0.95	<0.00005	9.33
B625138		0.00006	2.320	<0.001	0.05	0.018	<0.0005	<0.0005	<0.1	<0.00005	0.0003	<0.0005	0.005	0.75	<0.00005	10.10
B625139		<0.00005	1.510	<0.001	0.04	0.006	<0.0005	<0.0005	0.4	<0.00005	0.0003	<0.0005	<0.001	0.57	<0.00005	5.55
B625140		<0.00005	0.686	<0.001	0.03	0.002	<0.0005	<0.0005	0.3	<0.00005	0.0001	0.0008	<0.001	0.24	<0.00005	6.07
B625141		<0.00005	2.100	<0.001	0.01	0.018	<0.0005	<0.0005	<0.1	<0.00005	0.0004	<0.0005	0.003	0.92	<0.00005	9.32
B625142		<0.00005	2.910	<0.001	0.01	0.017	<0.0005	<0.0005	<0.1	<0.00005	0.0004	<0.0005	0.002	1.07	<0.00005	8.21
B625143		<0.00005	0.107	<0.001	0.02	<0.001	<0.0005	<0.0005	0.3	<0.00005	0.0001	0.0012	<0.001	0.40	<0.00005	1.42
B625144		0.00005	4.690	<0.001	0.06	0.025	<0.0005	<0.0005	1.3	<0.00005	0.0012	0.0016	0.011	3.17	<0.00005	4.76
B625145		<0.00005	0.226	<0.001	0.01	<0.001	<0.0005	<0.0005	0.2	<0.00005	0.0001	0.0016	<0.001	0.29	<0.00005	2.99
B625146		<0.00005	0.094	<0.001	<0.01	<0.001	<0.0005	<0.0005	1.4	<0.00005	<0.0001	0.0164	<0.001	0.13	<0.00005	0.48
B625147		<0.00005	6.360	<0.001	0.09	0.013	<0.0005	<0.0005	0.3	<0.0002	0.0007	0.0021	0.020	1.60	<0.00005	9.51
B625148		<0.00005	0.474	<0.001	0.03	0.004	<0.0005	<0.0005	4.8	<0.0002	<0.0001	<0.0005	<0.001	0.16	<0.00005	11.70
B625149		<0.00005	3.330	<0.001	0.06	0.011	<0.0005	0.0006	0.4	<0.0003	0.0004	<0.0005	0.007	1.05	<0.00005	6.84
B625150		<0.00005	1.390	<0.001	0.02	0.006	<0.0005	<0.0005	1.5	<0.00005	0.0002	<0.0005	0.001	0.50	<0.00005	12.50
B625151		<0.00005	1.530	<0.001	0.08	0.004	<0.0005	<0.0005	0.4	<0.00005	0.0002	<0.0005	0.003	0.75	<0.00005	6.16
B625152		0.00006	4.360	<0.001	0.03	0.015	<0.0005	0.0006	0.4	<0.0002	0.0010	0.0005	0.019	3.20	<0.00005	5.77
B625153		<0.00005	0.144	<0.001	0.02	<0.001	<0.0005	<0.0005	0.6	<0.00005	<0.0001	<0.0005	<0.001	0.13	<0.00005	2.23



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To: BAFFINLAND IRON MINES CORPORATION
2275 UPPER MIDDLE ROAD EAST
SUITE 300
OAKVILLE ON L6H 0C3

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Total # Pages: 3 (A – C)
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Finalized Date: 30–MAR–2022
Account: BIMCIO

Project: Pulps for ABA

CERTIFICATE OF ANALYSIS VA22028806

Sample Description	Method Analyte Units LOD	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01
		Li	Mg	Mn	Mo	Moisture	Na	Ni	Pb	P	Sb	Se	Si	Sn	Sr
		mg/L	mg/L	mg/L	mg/L	%	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.005	0.05	0.0005	0.0001	0.3	0.05	0.0005	0.0001	0.3	0.0001	0.0005	0.05	0.0005	0.0005
B625112		0.011	6.34	0.0431	0.0040	<0.3	0.84	0.0162	0.0004	<0.3	<0.0001	0.0006	11.40	<0.0005	0.0066
B625113		0.011	2.74	0.0054	0.0716	<0.3	4.58	<0.0005	0.0008	<0.3	0.0001	<0.0005	4.98	<0.0005	0.0058
B625114		0.007	3.80	0.0039	0.0179	<0.3	4.42	<0.0005	<0.0001	<0.3	0.0001	<0.0005	3.07	<0.0005	0.0069
B625115		<0.005	2.24	0.0059	0.0243	<0.3	1.45	0.0022	0.0002	<0.3	<0.0001	<0.0005	5.58	<0.0005	0.0016
B625116		0.014	6.44	0.0700	0.0067	<0.3	1.48	0.0090	0.0004	<0.3	<0.0001	<0.0005	27.20	<0.0005	0.0033
B625117		0.025	6.13	0.0791	0.0057	<0.3	1.43	0.0032	0.0018	<0.3	<0.0001	<0.0005	22.00	0.0006	0.0091
B625118		<0.005	3.25	0.0044	0.0504	<0.3	1.95	0.0011	<0.0001	<0.3	<0.0001	<0.0005	3.48	<0.0005	0.0044
B625119		<0.005	6.26	0.0023	0.4100	<0.3	0.84	<0.0005	<0.0001	<0.3	<0.0001	<0.0005	2.84	<0.0005	0.0018
B625120		<0.005	1.45	0.0096	0.0049	<0.3	1.95	0.0008	0.0002	<0.3	<0.0001	<0.0005	4.33	<0.0005	0.0014
B625121		0.013	213.00	0.0350	0.0010	<0.3	1.47	0.0006	<0.0001	<0.3	<0.0001	0.0007	3.75	<0.0005	0.0286
B625123		<0.005	4.19	0.0127	0.0010	<0.3	0.25	0.0045	<0.0001	<0.3	<0.0001	<0.0005	5.06	<0.0005	<0.0005
B625124		<0.005	0.48	0.0032	0.0114	<0.3	0.68	<0.0005	0.0001	<0.3	<0.0001	<0.0005	4.05	<0.0005	0.0005
B625126		<0.005	3.85	0.0031	0.0053	<0.3	0.67	<0.0005	<0.0001	<0.3	<0.0001	0.0007	1.76	<0.0005	0.0016
B625127		0.087	15.10	0.0071	0.0013	<0.3	0.33	<0.0005	<0.0001	<0.3	<0.0001	0.0009	2.30	<0.0005	0.0064
B625128		<0.005	2.07	0.0049	0.0047	<0.3	0.32	0.0012	<0.0001	<0.3	<0.0001	<0.0005	2.17	<0.0005	0.0008
B625129		<0.005	4.28	0.0035	0.0049	<0.3	0.80	<0.0005	<0.0001	<0.3	<0.0001	0.0029	2.20	<0.0005	0.0038
B625130		<0.005	4.49	0.0047	0.0074	<0.3	0.35	<0.0005	<0.0001	<0.3	<0.0001	0.0022	1.70	<0.0005	0.0029
B625131		<0.005	6.25	0.0035	0.0036	<0.3	0.30	<0.0005	<0.0001	<0.3	<0.0001	0.0015	2.11	<0.0005	0.0028
B625132		<0.005	2.92	0.0025	0.0069	<0.3	0.56	<0.0005	<0.0001	<0.3	<0.0001	0.0008	1.93	<0.0005	0.0035
B625133		<0.005	5.02	0.0113	0.0048	<0.3	0.48	0.0029	<0.0001	<0.3	<0.0001	0.0008	2.52	<0.0005	0.0028
B625134		<0.005	10.10	0.0177	0.0024	<0.3	0.20	<0.0005	<0.0001	<0.3	<0.0001	0.0025	4.13	<0.0005	0.0029
B625135		<0.005	3.34	0.0021	0.0053	<0.3	0.45	<0.0005	<0.0001	<0.3	<0.0001	0.0015	2.00	<0.0005	0.0016
B625136		0.013	0.77	0.0040	0.0038	<0.3	1.20	<0.0005	0.0003	<0.3	<0.0001	<0.0005	4.37	<0.0005	0.0037
B625137		0.006	0.53	0.0077	0.0041	<0.3	1.01	<0.0005	0.0007	<0.3	<0.0001	<0.0005	5.16	<0.0005	0.0012
B625138		0.010	0.74	0.0090	0.0052	<0.3	1.11	<0.0005	0.0003	<0.3	<0.0001	<0.0005	5.61	<0.0005	0.0016
B625139		0.010	1.34	0.0049	0.0020	<0.3	0.78	0.0007	<0.0001	<0.3	<0.0001	<0.0005	3.72	<0.0005	0.0032
B625140		<0.005	1.39	0.0015	0.0032	<0.3	0.67	<0.0005	<0.0001	<0.3	<0.0001	<0.0005	2.36	<0.0005	0.0018
B625141		0.007	0.50	0.0077	0.0051	<0.3	0.97	<0.0005	0.0002	<0.3	<0.0001	<0.0005	4.65	<0.0005	0.0008
B625142		<0.005	0.64	0.0079	0.0004	<0.3	1.15	<0.0005	0.0003	<0.3	<0.0001	<0.0005	5.49	<0.0005	0.0006
B625143		<0.005	9.64	0.0182	0.0033	<0.3	0.31	0.0014	<0.0001	<0.3	<0.0001	0.0034	7.59	<0.0005	0.0020
B625144		0.006	2.44	0.0244	0.0013	<0.3	1.22	0.0017	0.0008	<0.3	<0.0001	<0.0005	9.61	<0.0005	0.0017
B625145		<0.005	2.95	0.0028	0.0041	<0.3	0.39	0.0009	<0.0001	<0.3	<0.0001	<0.0005	2.29	<0.0005	0.0011
B625146		<0.005	4.28	0.0032	0.0015	<0.3	0.53	0.0006	<0.0001	<0.3	<0.0001	<0.0005	3.82	<0.0005	0.0015
B625147		0.015	1.93	0.0148	0.2050	<0.3	1.26	0.0014	0.0002	<0.3	<0.0001	<0.0005	12.50	<0.0005	0.0032
B625148		<0.005	2.73	0.0068	0.2200	<0.3	3.12	<0.0005	<0.0001	<0.3	<0.0001	<0.0005	4.62	<0.0005	0.0090
B625149		0.007	1.48	0.0122	0.3550	<0.3	0.92	<0.0005	0.0002	<0.3	<0.0001	<0.0005	7.79	<0.0005	0.0021
B625150		<0.005	1.02	0.0079	0.0213	<0.3	2.80	<0.0005	0.0006	<0.3	0.0001	<0.0005	5.19	<0.0005	0.0020
B625151		0.006	1.26	0.0123	0.0345	<0.3	1.90	<0.0005	<0.0001	<0.3	<0.0001	<0.0005	6.39	<0.0005	0.0011
B625152		0.008	3.44	0.0684	0.1590	<0.3	0.85	0.0010	0.0010	<0.3	<0.0001	<0.0005	10.20	<0.0005	0.0014
B625153		<0.005	3.15	<0.0005	0.0191	<0.3	1.21	<0.0005	<0.0001	<0.3	<0.0001	<0.0005	2.19	<0.0005	0.0017



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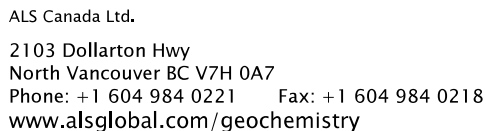
To: BAFFINLAND IRON MINES CORPORATION
2275 UPPER MIDDLE ROAD EAST
SUITE 300
OAKVILLE ON L6H 0C3

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Project: Pulps for ABA

CERTIFICATE OF ANALYSIS VA22028806

Sample Description	Method Analyte Units LOD	OA-SFE01 TI ppm 0.0001	OA-SFE01 U mg/L 0.00001	OA-SFE01 V mg/L 0.001	OA-SFE01 Zn mg/L 0.01	OA-SFE01 Hardness mg/L CaCO3e 0.6	OA-SFE01 Final pH Unity 0.1	MS14L-ANPH Br mg/L 0.05	MS14L-ANPH Cl mg/L 0.5	MS14L-ANPH F mg/L 0.02	MS14L-ANPH NO3 (as) mg/L 0.005	MS14L-ANPH SO4 mg/L 0.5	MS14L-ANPH TDS mg/L 3	MS14L-ANPH Conducti uS/cm 2	MS14L-ANPH Alkalini mg/L CaCO3e 1
B625112		<0.0001	0.00027	0.004	<0.01	28.0	7.5	<0.05	1.1	0.24	0.021	2.6	68	41	12
B625113		<0.0001	0.00079	0.016	<0.01	20.9	8.7	<0.05	4.3	0.29	0.039	2.8	69	104	35
B625114		<0.0001	0.00053	0.005	<0.01	26.5	8.2	<0.05	4.4	0.47	0.091	4.2	61	101	33
B625115		<0.0001	0.00051	0.002	<0.01	9.8	7.5	<0.05	1.6	0.20	0.449	2.7	44	42	9
B625116		0.0001	0.00073	0.011	<0.01	27.2	7.9	<0.05	1.4	0.25	0.043	0.5	127	31	12
B625117		<0.0001	0.00066	0.013	0.03	26.5	8.2	<0.05	2.2	0.16	0.125	1.8	119	41	13
B625118		<0.0001	0.00011	0.001	<0.01	16.2	7.2	<0.05	3.6	0.17	0.081	2.4	36	53	10
B625119		<0.0001	<0.00001	<0.001	<0.01	26.5	7.4	<0.05	2.2	0.23	0.029	8.5	37	64	13
B625120		<0.0001	0.00025	0.003	<0.01	6.4	7.9	<0.05	1.8	0.14	0.229	<0.5	36	35	10
B625121		<0.0001	<0.00001	<0.001	<0.01	896	6.5	<0.3	<3	<0.1	0.564	856	1110	1420	5
B625123		<0.0001	0.00002	0.002	<0.01	17.2	7.3	<0.05	0.5	0.09	0.021	<0.5	28	21	9
B625124		<0.0001	0.00011	0.003	<0.01	2.0	7.7	<0.05	0.9	0.15	0.030	<0.5	25	21	7
B625126		<0.0001	<0.00001	<0.001	<0.01	17.5	7.1	<0.05	1.3	0.08	0.037	12.4	33	56	8
B625127		<0.0001	<0.00001	<0.001	<0.01	66.3	6.8	<0.2	1.7	0.05	0.043	55.5	89	154	6
B625128		<0.0001	0.00002	0.001	<0.01	9.2	7.4	<0.05	0.7	0.09	0.054	1.3	19	24	8
B625129		<0.0001	0.00001	<0.001	<0.01	19.0	7.3	<0.05	1.3	0.12	0.033	11.3	34	58	9
B625130		<0.0001	<0.00001	<0.001	<0.01	19.4	7.0	<0.05	0.9	0.06	0.062	6.6	24	44	7
B625131		<0.0001	<0.00001	<0.001	<0.01	27.8	7.0	<0.05	1.6	0.09	0.049	9.9	31	57	8
B625132		<0.0001	<0.00001	<0.001	<0.01	12.9	7.1	<0.05	1.1	0.09	0.039	4.4	23	40	7
B625133		<0.0001	<0.00001	<0.001	<0.01	21.8	7.0	<0.05	1.2	0.05	0.069	8.4	33	55	8
B625134		<0.0001	0.00001	<0.001	<0.01	42.3	6.9	<0.05	1.4	0.17	0.105	18.9	48	85	8
B625135		<0.0001	<0.00001	<0.001	<0.01	14.4	7.3	<0.05	1.1	0.09	0.089	5.8	25	39	9
B625136		<0.0001	0.00032	0.004	<0.01	3.8	8.1	<0.05	0.8	0.15	0.033	0.9	40	45	16
B625137		<0.0001	0.00018	0.004	<0.01	2.2	8.2	<0.05	<0.5	0.15	0.025	<0.5	35	30	11
B625138		<0.0001	0.00072	0.005	<0.01	3.1	8.1	<0.05	<0.5	0.13	0.035	1.1	38	34	11
B625139		<0.0001	0.00032	0.001	<0.01	6.6	7.6	<0.05	0.5	0.09	0.161	1.1	29	30	11
B625140		<0.0001	0.00007	0.001	<0.01	6.4	7.2	<0.05	0.8	0.09	0.237	2.1	24	33	7
B625141		<0.0001	0.00024	0.005	<0.01	2.1	8.0	<0.05	<0.5	0.15	0.021	1.4	35	31	11
B625142		<0.0001	0.00100	0.004	<0.01	2.7	8.0	<0.05	0.7	0.12	0.034	<0.5	36	26	10
B625143		<0.0001	0.00002	<0.001	<0.01	40.4	6.9	<0.05	0.7	0.11	0.038	22.5	61	86	8
B625144		<0.0001	0.00032	0.003	0.03	13.3	7.0	<0.05	0.9	0.10	0.464	<0.5	51	30	7
B625145		<0.0001	<0.00001	<0.001	<0.01	12.7	7.2	<0.05	0.7	0.09	0.025	2.9	22	36	9
B625146		<0.0001	<0.00001	<0.001	<0.01	21.2	7.2	<0.05	0.6	0.13	0.048	4.4	29	46	11
B625147		<0.0001	0.00056	0.005	<0.01	8.8	7.2	<0.05	0.7	0.27	0.057	0.7	62	34	9
B625148		<0.0001	0.00055	0.003	<0.01	23.1	8.5	<0.05	1.2	0.33	0.020	0.7	59	88	36
B625149		<0.0001	0.00024	0.003	<0.01	7.0	7.0	<0.05	0.7	0.27	0.106	0.7	41	29	7
B625150		<0.0001	0.00168	0.005	<0.01	8.0	8.4	<0.05	2.4	0.26	0.020	1.0	51	59	22
B625151		<0.0001	0.00031	0.005	<0.01	6.1	7.3	<0.05	2.0	0.36	0.065	1.0	38	35	8
B625152		<0.0001	0.00085	0.006	0.01	15.1	7.5	<0.05	0.8	0.28	0.040	0.6	53	25	9
B625153		<0.0001	0.00002	<0.001	<0.01	14.4	7.5	<0.05	2.7	0.18	0.062	2.0	26	42	12



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To: BAFFINLAND IRON MINES CORPORATION
2275 UPPER MIDDLE ROAD EAST
SUITE 300
OAKVILLE ON L6H 0C3

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Project: Pulps for ABA

CERTIFICATE OF ANALYSIS VA22028806

Sample Description	Method Analyte Units LOD	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	OA-SFE01	MS14L-ANPH	MS14L-ANPH	MS14L-ANPH	MS14L-ANPH	MS14L-ANPH	MS14L-ANPH	MS14L-ANPH	MS14L-ANPH
		TI	U	V	Zn	Hardness	Final pH	Br	Cl	F	NO3 (as	SO4	TDS	Conducti	Alkalini
		ppm	mg/L	mg/L	mg/L	mg/L CaCO3e	Unity	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	uS/cm	mg/L CaCO3e
		0.0001	0.00001	0.001	0.01	0.6	0.1	0.05	0.5	0.02	0.005	0.5	3	2	1
B625154		<0.0001	0.00044	0.002	<0.01	5.1	7.6	<0.05	0.7	0.15	0.103	13.5	56	62	7
B625155		<0.0001	<0.00001	<0.001	<0.01	20.4	6.9	<0.05	0.5	0.13	0.045	4.6	23	44	8
B625156		<0.0001	0.00006	0.002	<0.01	17.7	7.1	<0.05	0.8	0.14	0.039	1.2	32	26	8
B625157		<0.0001	<0.00001	<0.001	<0.01	34.7	7.0	<0.05	1.6	0.10	0.040	33.5	66	110	6
B625158		<0.0001	0.00003	<0.001	<0.01	20.7	7.6	<0.05	1.3	0.21	0.083	0.8	32	52	19
B625159		<0.0002	0.00128	0.018	<0.02	25.7	7.9	<0.05	2.1	0.81	0.508	7.3	211	180	35
B625160		<0.0001	0.00048	0.004	<0.01	12.3	8.0	<0.05	2.6	0.87	0.266	4.9	102	174	36
B625161		<0.0001	0.00401	0.008	0.03	9.1	8.2	<0.05	1.4	0.55	0.055	0.6	56	33	13
B625162		<0.0001	0.01110	<0.001	0.06	3.3	7.6	<0.05	1.8	0.93	0.309	1.3	50	37	10
B625163		<0.0001	0.01900	0.002	<0.01	33.1	7.9	<0.05	6.7	1.36	0.189	1.2	59	101	30



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To: **BAFFINLAND IRON MINES CORPORATION**
2275 UPPER MIDDLE ROAD EAST
SUITE 300
OAKVILLE ON L6H 0C3

Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 30-MAR-2022
Account: BIMCIO

Project: Pulps for ABA

CERTIFICATE OF ANALYSIS VA22028806

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
FND-02 SND-01

Applies to Method: Processed at ALSE Vancouver, Burnaby, BC, Canada.
MS14L-ANPH OA-SFE01



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Page: 1
Total # Pages: 2 (A)
Plus Appendix Pages
Finalized Date: 22-DEC-2022
Account: BIMCIO

CERTIFICATE VA22313226

Project: Pulps for ABA & Shake Flask

P.O. No.: 4500111469

This report is for 28 samples of Crushed Rock submitted to our lab in Vancouver, BC, Canada on 26-OCT-2022.

The following have access to data associated with this certificate:

TREVOR BRISCO
SIMON FLEURY
HAYLEY POTHIER
MELISSA ROSE

PAUL BRYDEN
FRED LAWRENCE
JACOB PRINCE
JHON SUAREZ

JASON DUFF
SHAHE NACCASHIAN
ROBERT ROBERTSON

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
PUL-32p	Pulverize 400 g – 85%<75um
SPL-34X	Pulp Split – For send out
LOG-21	Sample logging – ClientBarCode
PUL-QC	Pulverizing QC Test
LOG-23	Pulp Login – Rcvd with Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
S-GRA06a	Sulfate Sulfur (HCl leachable)	WST-SEQ
OA-VOL08	Basic Acid Base Accounting	
S-IR08	Total Sulphur (IR Spectroscopy)	LECO
OA-ELE07	Paste pH	
S-CAL06	Sulfide Sulfur (calculated)	LECO
S-GRA06	Sulfate Sulfur-carbonate leach	WST-SEQ
C-GAS05	Inorganic Carbon (CO2)	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Saa Traxler, Director, North Vancouver Operations



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2275 UPPER MIDDLE ROAD EAST
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OAKVILLE ON L6H 0C3

Page: 2 - A
Total # Pages: 2 (A)
Plus Appendix Pages
Finalized Date: 22-DEC-2022
Account: BIMCIO

Project: Pulps for ABA & Shake Flask

CERTIFICATE OF ANALYSIS VA22313226

Sample Description	Method Analyte Units LOD	WEI-21	OA-VOL08	OA-VOL08	OA-VOL08	OA-VOL08	OA-ELE07	OA-VOL08	S-IR08	S-GRA06	S-GRA06a	S-CAL06	C-GAS05	C-GAS05
		Recvd Wt. kg 0.02	MPA tCaCO ₃ /1Kt 0.3	FIZZ RAT Unity 1	NNP tCaCO ₃ /1Kt 1	NP tCaCO ₃ /1Kt 1	pH Unity 0.1	Ratio (N) Unity 0.01	S % 0.01	S % 0.01	S % 0.01	S % 0.01	C % 0.05	CO ₂ % 0.2
B625265		0.35	1.3	1	13	14	10.0	11.20	0.04	<0.01	0.02	0.04	<0.05	<0.2
B625266		0.34	3.4	1	19	22	9.2	6.40	0.11	<0.01	0.03	0.11	<0.05	<0.2
B625267		0.35	0.3	1	23	23	8.5	73.60	0.01	<0.01	0.01	0.01	0.17	0.6
B625268		0.35	0.3	1	19	19	8.6	60.80	0.01	<0.01	0.03	0.01	0.07	0.3
B625269		0.38	<0.3	1	20	20	8.4	128.00	<0.01	<0.01	0.02	<0.01	<0.05	0.2
B625270		0.36	0.3	1	20	20	8.8	64.00	0.01	<0.01	0.02	0.01	0.09	0.3
B625271		0.35	0.6	2	59	60	8.7	96.00	0.02	<0.01	0.01	0.02	0.61	2.2
B625272		0.36	6.3	1	21	27	7.7	4.32	0.20	<0.01	0.05	0.20	<0.05	<0.2
B625274		0.35	10.9	1	13	24	7.9	2.19	0.35	<0.01	0.03	0.35	<0.05	<0.2
B625275		0.36	2.8	1	16	19	8.8	6.76	0.09	<0.01	0.04	0.09	<0.05	<0.2
B625276		0.36	0.3	1	8	8	9.0	25.60	0.01	<0.01	0.02	0.01	<0.05	<0.2
B625277		0.36	0.3	1	13	13	8.8	41.60	0.01	<0.01	0.03	0.01	<0.05	<0.2
B625278		0.38	0.6	1	15	16	9.7	25.60	0.02	<0.01	0.03	0.02	<0.05	<0.2
B625279		0.39	0.9	1	13	14	9.3	14.93	0.03	<0.01	0.02	0.03	<0.05	<0.2
B625280		0.36	1.3	1	23	24	8.1	19.20	0.04	<0.01	0.05	0.04	<0.05	<0.2
B625281		0.38	0.3	1	14	14	9.6	44.80	0.01	<0.01	0.02	0.01	<0.05	<0.2
B625282		0.35	1.3	1	9	10	9.5	8.00	0.04	<0.01	0.01	0.04	<0.05	<0.2
B625283		0.35	0.3	1	20	20	8.9	64.00	0.01	<0.01	0.02	0.01	<0.05	<0.2
B625284		0.34	<0.3	1	12	12	9.0	76.80	<0.01	<0.01	0.01	<0.01	<0.05	<0.2
B625285		0.36	0.3	1	13	13	8.7	41.60	0.01	<0.01	0.01	0.01	<0.05	<0.2
B625286		0.37	<0.3	1	18	18	9.1	115.20	<0.01	<0.01	0.02	<0.01	<0.05	<0.2
B625287		0.37	0.3	1	14	14	9.9	44.80	0.01	<0.01	0.02	0.01	<0.05	<0.2
B625288		0.39	2.2	1	16	18	8.9	8.23	0.07	<0.01	0.02	0.07	<0.05	<0.2
B625289		0.38	1.9	1	12	14	7.4	7.47	0.06	<0.01	0.08	0.06	<0.05	<0.2
B625290		0.38	0.6	1	13	14	9.6	22.40	0.02	<0.01	0.02	0.02	<0.05	<0.2
B625291		0.39	3.1	1	10	13	9.5	4.16	0.10	<0.01	0.03	0.10	<0.05	<0.2
B625292		0.37	2.2	1	15	17	8.9	7.77	0.07	<0.01	0.04	0.07	<0.05	<0.2
B625293		0.37	0.3	1	14	14	8.6	44.80	0.01	<0.01	0.02	0.01	<0.05	<0.2



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To: **BAFFINLAND IRON MINES CORPORATION**
2275 UPPER MIDDLE ROAD EAST
SUITE 300
OAKVILLE ON L6H 0C3

Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 22-DEC-2022
Account: BIMCIO

Project: Pulps for ABA & Shake Flask

CERTIFICATE OF ANALYSIS	VA22313226
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	CERTIFICATE COMMENTS																
Applies to Method:	<p style="text-align: center;">LABORATORY ADDRESSES</p> <p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table><tr><td>C-GAS05</td><td>LOG-21</td><td>LOG-23</td><td>OA-ELE07</td></tr><tr><td>OA-VOL08</td><td>PUL-32p</td><td>PUL-QC</td><td>S-CAL06</td></tr><tr><td>S-GRA06</td><td>S-GRA06a</td><td>S-IR08</td><td>SPL-34X</td></tr><tr><td>WEI-21</td><td></td><td></td><td></td></tr></table>	C-GAS05	LOG-21	LOG-23	OA-ELE07	OA-VOL08	PUL-32p	PUL-QC	S-CAL06	S-GRA06	S-GRA06a	S-IR08	SPL-34X	WEI-21			
C-GAS05	LOG-21	LOG-23	OA-ELE07														
OA-VOL08	PUL-32p	PUL-QC	S-CAL06														
S-GRA06	S-GRA06a	S-IR08	SPL-34X														
WEI-21																	



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To: **BAFFINLAND IRON MINES CORPORATION**
2275 UPPER MIDDLE ROAD EAST
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Page: 1
Total # Pages: 3 (A)
Plus Appendix Pages
Finalized Date: 30-JAN-2023
Account: BIMCIO

CERTIFICATE VA22317803

Project: Pulps for ABA & Shake Flask

P.O. No.: 4500111469

This report is for 50 samples of Crushed Rock submitted to our lab in Vancouver, BC, Canada on 26-OCT-2022.

The following have access to data associated with this certificate:

TREVOR BRISCO
SIMON FLEURY
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MELISSA ROSE

PAUL BRYDEN
FRED LAWRENCE
JACOB PRINCE
JHON SUAREZ

JASON DUFF
SHAHE NACCASHIAN
ROBERT ROBERTSON

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
PUL-32p	Pulverize 400 g – 85%<75um
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PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
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S-IR08	Total Sulphur (IR Spectroscopy)	LECO
OA-ELE07	Paste pH	
S-CAL06	Sulfide Sulfur (calculated)	LECO
S-GRA06	Sulfate Sulfur-carbonate leach	WST-SEQ
C-GAS05	Inorganic Carbon (CO2)	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Saa Traxler, Director, North Vancouver Operations



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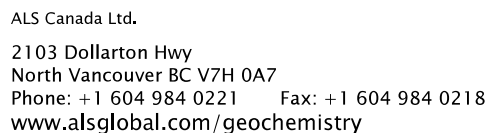
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Page: 2 - A
 Total # Pages: 3 (A)
 Plus Appendix Pages
 Finalized Date: 30-JAN-2023
 Account: BIMCIO

Project: Pulps for ABA & Shake Flask

CERTIFICATE OF ANALYSIS VA22317803

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	OA-VOL08 MPA tCaCO ₃ /1Kt 0.3	OA-VOL08 FIZZ RAT Unity 1	OA-VOL08 NNP tCaCO ₃ /1Kt 1	OA-VOL08 NP tCaCO ₃ /1Kt 1	OA-ELE07 pH Unity 0.1	OA-VOL08 Ratio (N) Unity 0.01	S-IR08 S % 0.01	S-GRA06 S % 0.01	S-GRA06a S % 0.01	S-CAL06 S % 0.01	C-GAS05 C % 0.05	C-GAS05 CO ₂ % 0.2
B625164		0.47	0.9	1	2	3	9.2	3.20	0.03	0.01	<0.01	0.02	<0.05	<0.2
B625165		0.44	3.1	1	14	17	9.2	5.44	0.10	0.01	0.03	0.09	<0.05	<0.2
B625166		0.38	2.5	1	20	22	9.4	8.80	0.08	<0.01	0.04	0.08	<0.05	<0.2
B625167		0.43	0.9	1	18	19	8.8	20.27	0.03	<0.01	0.01	0.03	<0.05	<0.2
B625168		0.36	0.9	1	13	14	9.0	14.93	0.03	0.01	0.02	0.02	<0.05	<0.2
B625169		0.38	3.1	1	14	17	8.5	5.44	0.10	0.01	0.03	0.09	<0.05	<0.2
B625170		0.43	13.8	1	0	14	7.8	1.02	0.44	0.02	0.07	0.42	<0.05	<0.2
B625171		0.38	0.6	1	11	12	9.3	19.20	0.02	<0.01	0.02	0.02	<0.05	<0.2
B625172		0.38	0.6	1	9	10	9.0	16.00	0.02	<0.01	<0.01	0.02	<0.05	<0.2
B625173		0.47	10.6	1	10	21	8.3	1.98	0.34	<0.01	0.17	0.34	<0.05	<0.2
B625174		0.38	5.9	1	9	15	7.9	2.53	0.19	0.01	0.04	0.18	<0.05	<0.2
B625175		0.50	11.9	1	4	16	8.0	1.35	0.38	0.01	0.03	0.37	<0.05	<0.2
B625176		0.35	3.8	1	11	15	8.2	4.00	0.12	<0.01	0.04	0.12	<0.05	<0.2
B625177		0.37	5.6	1	17	23	8.4	4.09	0.18	<0.01	0.02	0.18	<0.05	<0.2
B625178		0.38	0.6	1	12	13	8.9	20.80	0.02	0.01	0.01	0.01	<0.05	<0.2
B625179		0.43	1.3	1	17	18	9.0	14.40	0.04	<0.01	0.02	0.04	<0.05	<0.2
B625180		0.44	16.3	1	-5	11	7.8	0.68	0.52	0.01	0.05	0.51	<0.05	<0.2
B625181		0.41	4.7	1	9	14	8.2	2.99	0.15	<0.01	0.05	0.15	<0.05	<0.2
B625182		0.39	0.6	1	10	11	8.7	17.60	0.02	0.01	0.01	0.01	<0.05	<0.2
B625183		0.38	0.9	1	16	17	9.1	18.13	0.03	<0.01	0.03	0.03	<0.05	<0.2
B625184		0.47	0.9	2	75	76	9.0	81.07	0.03	0.01	0.03	0.02	0.76	2.8
B625185		0.40	0.3	1	15	15	8.9	48.00	0.01	<0.01	0.03	0.01	<0.05	<0.2
B625186		0.40	0.9	1	23	24	9.2	25.60	0.03	0.01	<0.01	0.02	<0.05	<0.2
B625187		0.37	0.6	1	14	15	8.8	24.00	0.02	0.01	0.04	0.01	<0.05	<0.2
B625188		0.40	2.5	1	20	22	8.1	8.80	0.08	<0.01	0.03	0.08	<0.05	<0.2
B625189		0.42	0.6	1	19	20	8.9	32.00	0.02	<0.01	0.02	0.02	<0.05	0.2
B625190		0.42	0.9	1	3	4	9.4	4.27	0.03	0.01	<0.01	0.02	<0.05	<0.2
B625191		0.54	2.5	1	15	17	9.2	6.80	0.08	0.01	0.04	0.07	<0.05	<0.2
B625192		0.41	0.6	1	4	5	9.2	8.00	0.02	0.02	0.02	<0.01	<0.05	<0.2
B625193		0.49	4.1	1	19	23	9.0	5.66	0.13	0.01	0.02	0.12	0.08	0.3
B625194		0.41	3.4	1	19	22	7.5	6.40	0.11	0.01	0.03	0.10	<0.05	<0.2
B625195		0.41	2.8	1	14	17	7.0	6.04	0.09	0.06	0.03	0.03	<0.05	<0.2
B625196		0.43	1.6	1	20	22	7.6	14.08	0.05	0.01	0.04	0.04	<0.05	<0.2
B625197		0.38	0.6	1	23	24	8.0	38.40	0.02	0.01	0.03	0.01	<0.05	<0.2
B625199		0.40	2.8	1	21	24	8.0	8.53	0.09	<0.01	0.01	0.09	<0.05	<0.2
B625200		0.45	1.6	1	16	18	7.9	11.52	0.05	0.01	0.04	0.04	<0.05	<0.2
B625201		0.37	1.3	1	17	18	8.9	14.40	0.04	0.03	0.01	0.01	<0.05	<0.2
B625202		0.38	0.6	1	30	31	8.7	49.60	0.02	0.01	0.01	0.01	0.19	0.7
B625203		0.54	0.9	1	17	18	8.7	19.20	0.03	0.01	0.02	0.02	<0.05	<0.2
B625204		0.39	0.6	1	14	15	9.2	24.00	0.02	0.01	0.01	0.01	<0.05	<0.2



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CERTIFICATE OF ANALYSIS VA22317803

***** See Appendix Page for comments regarding this certificate *****



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To: **BAFFINLAND IRON MINES CORPORATION**
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OAKVILLE ON L6H 0C3

Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 30-JAN-2023
Account: BIMCIO

Project: Pulps for ABA & Shake Flask

CERTIFICATE OF ANALYSIS VA22317803

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: NSS is non-sufficient sample.
ALL METHODS

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

C-GAS05	LOG-21	OA-ELE07	OA-VOL08
PUL-32p	PUL-QC	S-CAL06	S-GRA06
S-GRA06a	S-IR08	SPL-34X	WEI-21



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Page: 1
Total # Pages: 3 (A)
Plus Appendix Pages
Finalized Date: 22-DEC-2022
Account: BIMCIO

CERTIFICATE VA22323721

Project: Pulps for ABA & Shake Flask

P.O. No.: 4500111469

This report is for 52 samples of Crushed Rock submitted to our lab in Vancouver, BC, Canada on 26-OCT-2022.

The following have access to data associated with this certificate:

TREVOR BRISCO
SIMON FLEURY
HAYLEY POTHIER
MELISSA ROSE

PAUL BRYDEN
FRED LAWRENCE
JACOB PRINCE
JHON SUAREZ

JASON DUFF
SHAHE NACCASHIAN
ROBERT ROBERTSON

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
PUL-32p	Pulverize 400 g - 85%<75um
SPL-34X	Pulp Split - For send out
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
S-GRA06a	Sulfate Sulfur (HCl leachable)	WST-SEQ
OA-VOL08	Basic Acid Base Accounting	
S-IR08	Total Sulphur (IR Spectroscopy)	LECO
OA-ELE07	Paste pH	
S-CAL06	Sulfide Sulfur (calculated)	LECO
S-GRA06	Sulfate Sulfur-carbonate leach	WST-SEQ
C-GAS05	Inorganic Carbon (CO2)	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Saa Traxler, Director, North Vancouver Operations



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To: BAFFINLAND IRON MINES CORPORATION
 2275 UPPER MIDDLE ROAD EAST
 SUITE 300
 OAKVILLE ON L6H 0C3

Page: 2 - A
 Total # Pages: 3 (A)
 Plus Appendix Pages
 Finalized Date: 22-DEC-2022
 Account: BIMCIO

Project: Pulps for ABA & Shake Flask

CERTIFICATE OF ANALYSIS VA22323721

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	OA-VOL08 MPA tCaCO ₃ /1Kt 0.3	OA-VOL08 FIZZ RAT Unity 1	OA-VOL08 NNP tCaCO ₃ /1Kt 1	OA-VOL08 NP tCaCO ₃ /1Kt 1	OA-ELE07 pH Unity 0.1	OA-VOL08 Ratio (N) Unity 0.01	S-IR08 S % 0.01	S-GRA06 S % 0.01	S-GRA06a S % 0.01	S-CAL06 S % 0.01	C-GAS05 C % 0.05	C-GAS05 CO ₂ % 0.2
B625206		0.23	0.6	1	11	12	9.5	19.20	0.02	0.02	0.01	<0.01	<0.05	<0.2
B625207		0.42	0.6	1	13	14	9.1	22.40	0.02	0.01	0.01	0.01	<0.05	<0.2
B625208		0.41	0.6	1	14	15	9.0	24.00	0.02	<0.01	0.02	0.02	<0.05	<0.2
B625209		0.40	0.9	1	13	14	9.2	14.93	0.03	<0.01	0.02	0.03	<0.05	<0.2
B625219		0.33	4.1	1	14	18	8.9	4.43	0.13	<0.01	0.02	0.13	<0.05	<0.2
B625220		0.32	3.1	1	11	14	9.3	4.48	0.10	0.02	0.01	0.08	<0.05	<0.2
B625221		0.41	0.6	1	17	18	8.8	28.80	0.02	0.01	0.01	0.01	<0.05	<0.2
B625222		0.40	1.3	1	15	16	8.3	12.80	0.04	<0.01	0.01	0.04	<0.05	<0.2
B625223		0.41	2.2	1	20	22	8.3	10.06	0.07	0.01	0.01	0.06	<0.05	<0.2
B625224		0.50	0.9	1	11	12	9.6	12.80	0.03	0.01	0.01	0.02	<0.05	<0.2
B625225		0.42	0.3	1	13	13	9.5	41.60	0.01	0.03	<0.01	<0.01	<0.05	<0.2
B625226		0.48	0.3	1	15	15	9.8	48.00	0.01	0.01	0.01	<0.01	<0.05	<0.2
B625227		0.38	0.3	1	15	15	9.6	48.00	0.01	0.01	<0.01	<0.01	<0.05	<0.2
B625228		0.37	0.9	1	18	19	8.2	20.27	0.03	0.05	0.02	<0.01	<0.05	<0.2
B625229		0.38	4.1	1	10	14	7.9	3.45	0.13	0.01	0.01	0.12	<0.05	<0.2
B625230		0.40	3.4	1	13	16	8.1	4.65	0.11	<0.01	0.01	0.11	<0.05	<0.2
B625231		0.61	0.3	1	11	11	8.7	35.20	0.01	<0.01	0.02	0.01	<0.05	<0.2
B625232		0.58	0.3	1	16	16	8.6	51.20	0.01	<0.01	0.02	0.01	<0.05	<0.2
B625233		0.37	1.3	1	15	16	8.7	12.80	0.04	<0.01	0.04	0.04	<0.05	<0.2
B625234		0.35	1.3	1	17	18	9.0	14.40	0.04	<0.01	0.02	0.04	<0.05	<0.2
B625235		0.34	0.3	1	15	15	8.6	48.00	0.01	<0.01	0.01	0.01	<0.05	<0.2
B625236		0.34	0.3	1	26	26	8.5	83.20	0.01	<0.01	0.03	0.01	<0.05	<0.2
B625237		0.33	0.6	1	14	15	8.8	24.00	0.02	<0.01	0.01	0.02	<0.05	<0.2
B625238		0.42	1.3	1	22	23	9.1	18.40	0.04	<0.01	0.02	0.04	<0.05	<0.2
B625239		0.55	1.6	1	12	14	8.3	8.96	0.05	<0.01	0.04	0.05	<0.05	<0.2
B625240		0.41	2.8	1	21	24	8.9	8.53	0.09	<0.01	0.02	0.09	0.07	0.3
B625241		0.26	0.6	1	14	15	9.7	24.00	0.02	<0.01	0.02	0.02	<0.05	<0.2
B625242		0.28	13.4	1	11	24	8.3	1.79	0.43	<0.01	0.03	0.43	<0.05	<0.2
B625243		0.41	16.9	1	-3	14	7.9	0.83	0.54	<0.01	0.03	0.54	<0.05	<0.2
B625244		0.32	8.8	1	9	18	8.0	2.06	0.28	<0.01	0.09	0.28	<0.05	<0.2
B625245		0.35	12.8	1	11	24	8.1	1.87	0.41	<0.01	0.04	0.41	<0.05	<0.2
B625246		0.26	4.4	1	25	29	8.3	6.63	0.14	<0.01	0.06	0.14	<0.05	<0.2
B625247		0.47	4.7	1	14	19	8.1	4.05	0.15	<0.01	0.01	0.15	<0.05	<0.2
B625248		0.50	0.9	1	19	20	8.2	21.33	0.03	<0.01	0.03	0.03	<0.05	<0.2
B625249		0.50	7.2	1	12	19	8.4	2.64	0.23	<0.01	0.01	0.23	<0.05	<0.2
B625250		0.36	6.9	1	12	19	8.4	2.76	0.22	<0.01	0.04	0.22	<0.05	<0.2
B625251		0.36	0.6	1	26	27	8.2	43.20	0.02	<0.01	0.03	0.02	<0.05	<0.2
B625252		0.34	0.9	1	28	29	8.5	30.93	0.03	<0.01	0.03	0.03	<0.05	0.2
B625253		0.34	1.9	1	23	25	8.4	13.33	0.06	<0.01	0.02	0.06	<0.05	<0.2
B625254		0.33	3.4	1	9	12	8.9	3.49	0.11	<0.01	<0.01	0.11	<0.05	<0.2



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To: BAFFINLAND IRON MINES CORPORATION
2275 UPPER MIDDLE ROAD EAST
SUITE 300
OAKVILLE ON L6H 0C3

Page: 3 - A
Total # Pages: 3 (A)
Plus Appendix Pages
Finalized Date: 22-DEC-2022
Account: BIMCIO

Project: Pulps for ABA & Shake Flask

CERTIFICATE OF ANALYSIS VA22323721

Sample Description	Method Analyte Units LOD	WEI-21	OA-VOL08	OA-VOL08	OA-VOL08	OA-VOL08	OA-ELE07	OA-VOL08	S-IR08	S-GRA06	S-GRA06a	S-CAL06	C-GAS05	C-GAS05
		Recvd Wt.	MPA	FIZZ RAT	NNP	NP	pH	Ratio (N	S	S	S	S	C	CO2
		kg	tCaCO3/1Kt	Unity	tCaCO3/1Kt	tCaCO3/1Kt	Unity	Unity	%	%	%	%	%	%
		0.02	0.3	1	1	1	0.1	0.01	0.01	0.01	0.01	0.01	0.05	0.2
B625255		0.33	0.3	1	24	24	8.9	76.80	0.01	<0.01	0.01	0.01	<0.05	<0.2
B625256		0.33	2.5	1	11	13	9.5	5.20	0.08	<0.01	0.01	0.08	<0.05	<0.2
B625257		0.34	2.2	1	12	14	8.4	6.40	0.07	<0.01	0.01	0.07	<0.05	<0.2
B625258		0.35	0.6	1	12	13	8.7	20.80	0.02	<0.01	0.02	0.02	<0.05	<0.2
B625259		0.33	0.3	1	16	16	8.9	51.20	0.01	<0.01	0.03	0.01	<0.05	<0.2
B625260		0.34	0.6	1	16	17	9.6	27.20	0.02	<0.01	0.01	0.02	<0.05	<0.2
B625261		0.34	1.3	1	15	16	8.0	12.80	0.04	<0.01	0.03	0.04	<0.05	<0.2
B625262		0.32	6.9	1	10	17	8.5	2.47	0.22	<0.01	0.03	0.22	<0.05	<0.2
B625263		0.37	0.3	1	13	13	9.1	41.60	0.01	<0.01	0.01	0.01	<0.05	<0.2
B625264		0.32	0.9	1	23	24	8.2	25.60	0.03	<0.01	0.01	0.03	0.17	0.6
S664546		0.34	0.3	1	7	7	9.9	22.40	0.01	<0.01	0.03	0.01	<0.05	<0.2
S664547		0.35	0.3	1	6	6	9.8	19.20	0.01	<0.01	<0.01	0.01	<0.05	<0.2



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Total # Appendix Pages: 1
Finalized Date: 22-DEC-2022
Account: BIMCIO

Project: Pulps for ABA & Shake Flask

CERTIFICATE OF ANALYSIS VA22323721

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

C-GAS05

LOG-21

OA-ELE07

OA-VOL08

PUL-32p

PUL-QC

S-CAL06

S-GRA06

S-GRA06a

S-IR08

SPL-34X

WEI-21



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Plus Appendix Pages
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Account: BIMCIO

CERTIFICATE VA22323758

Project: Pulps for ABA & Shake Flask

P.O. No.: 4500111469

This report is for 28 samples of Pulp submitted to our lab in Vancouver, BC, Canada on 26-OCT-2022.

The following have access to data associated with this certificate:

TREVOR BRISCO
SIMON FLEURY
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MELISSA ROSE

PAUL BRYDEN
FRED LAWRENCE
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JHON SUAREZ

JASON DUFF
SHAHE NACCASHIAN
ROBERT ROBERTSON

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis
SND-01	Send samples to external laboratory

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
OA-SFE01	Shake Flask Analysis at ALSE	
MS14L-ANPH	Anions by ion chromatography	ICP-MS

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Saa Traxler, Director, North Vancouver Operations