



BUREAU VERITAS MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

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

Client: **Norwest Italia s.r.l.**
Corso Umberto I, 74
Napoli 80138 Italy

Submitted By: Alessandra Sava
Receiving Lab: Canada-Vancouver
Received: August 26, 2019
Report Date: September 05, 2019
Page: 1 of 2

CERTIFICATE OF ANALYSIS

VAN19002379.1

CLIENT JOB INFORMATION

Project: NW19/13
Shipment ID:
P.O. Number
Number of Samples: 4

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
BAT01	1	Batch charge of <20 samples			VAN
SLBHP	4	Sorting, labeling & boxing samples received as water/soluti			VAN
Split Solution	4	Analysis sample split/packet			VAN
SO200	4	Water analysis by ICP-MS. Solutions >0.1% TDS run by IC	1	Completed	VAN

ADDITIONAL COMMENTS

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

Invoice To: **Norwest Italia s.r.l.**
Corso Umberto I, 74
Napoli 80138
Italy

CC: Giorgio Santoriello


JEFFREY CANNON
Geochemistry Department Supervisor

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 VERITAS MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: **Norwest Italia s.r.l.**
Corso Umberto I, 74
Napoli 80138 Italy

Project: NW19/13
Report Date: September 05, 2019

Page: 2 of 2

Part: 1 of 4

CERTIFICATE OF ANALYSIS

VAN19002379.1

Method		SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200
Analyte	Dilution	Ag	Al	As	Au	B	Ba	Be	Bi	Br	Ca	Cd	Ce	Cl	Co	Cr	Cs	Cu	Dy	Er	
Unit		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	
MDL	1	0.05	1	0.5	0.05	5	0.05	0.05	0.05	5	0.05	0.05	0.01	1	0.02	0.5	0.01	0.1	0.01	0.01	
LIL	Water	1	<0.05	<1	3.0	<0.05	99	121.21	0.08	<0.05	54	33.64	<0.05	<0.01	14	<0.02	8.1	0.05	0.1	<0.01	<0.01
SVE	Water	1	<0.05	8	1.7	0.10	562	40.74	0.89	<0.05	63	200.80	<0.05	<0.01	20	<0.02	100.2	0.14	0.4	<0.01	<0.01
PAN	Water	1	<0.05	<1	1.0	<0.05	613	37.07	<0.05	<0.05	942	156.85	<0.05	<0.01	242	<0.02	23.6	<0.01	1.9	<0.01	<0.01
FRI	Water	1	<0.05	<1	0.5	<0.05	<5	60.37	<0.05	<0.05	17	51.59	<0.05	<0.01	3	<0.02	5.7	0.01	8.7	<0.01	<0.01



BUREAU VERITAS MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: **Norwest Italia s.r.l.**

Corso Umberto I, 74

Napoli 80138 Italy

Project: NW19/13

Report Date: September 05, 2019

Page: 2 of 2

Part: 2 of 4

CERTIFICATE OF ANALYSIS

VAN19002379.1

Method	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	
Analyte	Eu	Fe	Ga	Gd	Ge	Hf	Hg	Ho	In	K	La	Li	Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	
Unit	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppm	ppb	ppb	ppm	ppb	ppb	ppb	
MDL	0.01	10	0.05	0.01	0.05	0.02	0.1	0.01	0.01	0.05	0.01	0.1	0.01	0.05	0.05	0.1	0.05	0.01	0.01	0.2	
LIL	Water	<0.01	<10	<0.05	<0.01	<0.05	<0.02	<0.1	<0.01	<0.01	31.14	<0.01	73.9	<0.01	10.58	0.07	12.6	59.32	<0.01	0.12	<0.2
SVE	Water	<0.01	<10	<0.05	<0.01	<0.05	<0.02	<0.1	<0.01	<0.01	54.18	<0.01	218.6	<0.01	31.24	2.30	13.1	202.14	0.03	0.09	<0.2
PAN	Water	<0.01	<10	<0.05	<0.01	<0.05	<0.02	<0.1	<0.01	<0.01	16.92	<0.01	65.8	<0.01	94.63	0.47	2.8	365.91	<0.01	0.02	<0.2
FRI	Water	<0.01	<10	<0.05	<0.01	<0.05	<0.02	<0.1	<0.01	<0.01	0.54	<0.01	0.4	<0.01	16.49	<0.05	9.5	2.63	<0.01	<0.01	0.2



BUREAU VERITAS MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: **Norwest Italia s.r.l.**

Corso Umberto I, 74

Napoli 80138 Italy

Project: NW19/13

Report Date: September 05, 2019

Page: 2 of 2

Part: 3 of 4

CERTIFICATE OF ANALYSIS

VAN19002379.1

Method	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200
Analyte	P	Pb	Pd	Pr	Pt	Rb	Re	Rh	Ru	S	Sb	Sc	Se	Si	Sm	Sn	Sr	Ta	Tb	Te	
Unit	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
MDL	10	0.2	0.01	0.01	0.01	0.01	0.01	0.01	0.05	1	0.05	1	0.5	40	0.02	0.05	0.01	0.02	0.01	0.05	
LIL	Water	238	<0.2	0.02	0.01	<0.01	36.87	<0.01	<0.01	<0.05	4	0.82	<1	0.5	36795	0.23	<0.05	347.67	<0.02	<0.01	0.59
SVE	Water	29	<0.2	0.01	<0.01	<0.01	106.45	<0.01	0.04	<0.05	34	0.93	<1	0.8	31201	0.13	<0.05	2208.23	<0.02	<0.01	0.53
PAN	Water	17	<0.2	0.03	<0.01	<0.01	1.98	0.06	0.04	<0.05	139	0.11	<1	26.5	5452	0.06	<0.05	1482.39	<0.02	<0.01	0.12
FRI	Water	<10	0.2	<0.01	<0.01	<0.01	0.57	0.04	0.05	<0.05	4	0.28	<1	0.8	1560	<0.02	<0.05	2351.24	<0.02	<0.01	<0.05



BUREAU VERITAS MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: **Norwest Italia s.r.l.**

Corso Umberto I, 74

Napoli 80138 Italy

Project: NW19/13

Report Date: September 05, 2019

Page: 2 of 2

Part: 4 of 4

CERTIFICATE OF ANALYSIS

VAN19002379.1

Method		SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200
Analyte		Th	Ti	Tl	Tm	U	V	W	Y	Yb	Zn	Zr
Unit		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
MDL		0.05	10	0.01	0.01	0.02	0.2	0.02	0.01	0.01	0.5	0.02
LIL	Water	<0.05	<10	<0.01	<0.01	0.02	0.2	0.07	<0.01	<0.01	<0.5	<0.02
SVE	Water	<0.05	<10	0.05	<0.01	3.05	<0.2	0.07	<0.01	<0.01	0.9	0.44
PAN	Water	<0.05	<10	<0.01	<0.01	4.92	0.6	<0.02	<0.01	<0.01	12.4	0.03
FRI	Water	<0.05	<10	0.04	<0.01	1.08	0.2	<0.02	<0.01	<0.01	13.4	<0.02



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

Client: **Norwest Italia s.r.l.**
Corso Umberto I, 74
Napoli 80138 Italy

Project: NW19/13
Report Date: September 05, 2019

Page: 1 of 1

Part: 1 of 4

QUALITY CONTROL REPORT

VAN19002379.1

Method	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200
Analyte	Dilution	Ag	Al	As	Au	B	Ba	Be	Bi	Br	Ca	Cd	Ce	Cl	Co	Cr	Cs	Cu	Dy	Er	
Unit		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	
MDL	1	0.05	1	0.5	0.05	5	0.05	0.05	0.05	5	0.05	0.05	0.01	1	0.02	0.5	0.01	0.1	0.01	0.01	
Reference Materials																					
STD TMDA-70.2	Standard	1	9.75	470	44.5	<0.05	32	335.82	15.90	12.05	20	23.08	149.28	<0.01	18	281.40	376.8	<0.01	384.2	<0.01	<0.01
STD TMDA-70.2 Expected			8.7	424	42.2		36.3	320	16.3	12.7		22.7	139		15	288	397		408		
BLK	Blank	1	<0.05	<1	<0.5	<0.05	<5	<0.05	<0.05	<0.05	<5	<0.05	<0.05	<0.01	<1	<0.02	<0.5	<0.01	<0.1	<0.01	<0.01
BLK	Blank	1	<0.05	<1	<0.5	<0.05	<5	<0.05	<0.05	<0.05	<5	<0.05	<0.05	<0.01	<1	<0.02	<0.5	<0.01	<0.1	<0.01	<0.01



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

Client: **Norwest Italia s.r.l.**
Corso Umberto I, 74
Napoli 80138 Italy

Project: NW19/13
Report Date: September 05, 2019

Page: 1 of 1

Part: 2 of 4

QUALITY CONTROL REPORT

VAN19002379.1

Method	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200
Analyte	Eu	Fe	Ga	Gd	Ge	Hf	Hg	Ho	In	K	La	Li	Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	
Unit	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppm	ppb	ppb	ppm	ppb	ppb	ppb	
MDL	0.01	10	0.05	0.01	0.05	0.02	0.1	0.01	0.01	0.05	0.01	0.1	0.01	0.05	0.05	0.1	0.05	0.01	0.01	0.2	
Reference Materials																					
STD TMDA-70.2	Standard	<0.01	374	0.09	<0.01	<0.05	<0.02	<0.1	<0.01	<0.01	0.97	<0.01	20.4	<0.01	6.14	296.96	262.4	9.22	<0.01	<0.01	302.8
STD TMDA-70.2 Expected			376							1.04		22		5.64	312	265	9.34				331
BLK	Blank	<0.01	<10	<0.05	<0.01	<0.05	<0.02	<0.1	<0.01	<0.01	<0.05	<0.01	<0.1	<0.01	<0.05	<0.05	<0.1	<0.05	<0.01	<0.01	<0.2
BLK	Blank	<0.01	<10	<0.05	<0.01	<0.05	<0.02	<0.1	<0.01	<0.01	<0.05	<0.01	<0.1	<0.01	<0.05	<0.05	<0.1	<0.05	<0.01	0.01	<0.2



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

Client: **Norwest Italia s.r.l.**
Corso Umberto I, 74
Napoli 80138 Italy

Project: NW19/13
Report Date: September 05, 2019

Page: 1 of 1

Part: 3 of 4

QUALITY CONTROL REPORT

VAN19002379.1

Method	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200
Analyte	P	Pb	Pd	Pr	Pt	Rb	Re	Rh	Ru	S	Sb	Sc	Se	Si	Sm	Sn	Sr	Ta	Tb	Te	
Unit	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
MDL	10	0.2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.05	1	0.05	1	0.5	40	0.02	0.05	0.01	0.02	0.01	
Reference Materials																					
STD TMDA-70.2	Standard	<10	421.1	<0.01	<0.01	<0.01	0.76	<0.01	0.02	<0.05	7	23.02	<1	28.4	300	<0.02	<0.05	438.68	<0.02	<0.01	<0.05
STD TMDA-70.2 Expected			452				0.7				6.79	22		27.8	360			448			
BLK	Blank	<10	<0.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<1	<0.05	<1	<0.5	<40	<0.02	<0.05	<0.01	<0.02	<0.01	<0.05
BLK	Blank	<10	<0.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<1	<0.05	<1	<0.5	<40	0.03	<0.05	<0.01	<0.02	<0.01	<0.05



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

Client: **Norwest Italia s.r.l.**
Corso Umberto I, 74
Napoli 80138 Italy

Project: NW19/13
Report Date: September 05, 2019

Page: 1 of 1

Part: 4 of 4

QUALITY CONTROL REPORT

VAN19002379.1

Method	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200	SO200
Analyte	Th	Ti	Tl	Tm	U	V	W	Y	Yb	Zn	Zr	
Unit	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
MDL	0.05	10	0.01	0.01	0.02	0.2	0.02	0.01	0.01	0.5	0.02	
Reference Materials												
STD TMDA-70.2	Standard	<0.05	<10	21.81	<0.01	57.24	313.1	0.11	<0.01	<0.01	550.0	<0.02
STD TMDA-70.2 Expected				20.9		58.1	315				494	
BLK	Blank	<0.05	<10	<0.01	<0.01	<0.02	<0.2	<0.02	<0.01	<0.01	<0.5	<0.02
BLK	Blank	<0.05	<10	<0.01	<0.01	<0.02	<0.2	<0.02	<0.01	<0.01	<0.5	<0.02