Certificate of Analysis
Work Order : SU1700827
[Report File No.: 0000011911]

Date: September 28, 2017

To: **Richard Zemoroz**
NEW AGE METALS INC
3064 Brunet Cres.
Val Caron ON
ON P3N 1E6

P.O. No.: -
Project No.: RIVER VALLEY PGM
Samples: 70
Received: Sep 12, 2017
Pages: Page 1 to 12
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
70	SHIP	Shipping
70	G_WGH79	Weighing of samples and reporting of weights
68	G_PRP92	Weigh, Dry, to 3kg, Crush 90% -2mm, Split to 500g, Pulverise to 85% -75µm
70	GE_FAI313	@Au, Pt, Pd, FAS, ICP-AES, 30g - 5ml
70	GE_ICP14B	2 acid digest for non-organic or low sulphide <10% - ICP-OES

Storage: Pulp & Reject

REJECT STORAGE	:	RETURN
PULP STORAGE	:	RETURN

Comments:

Preparation of samples was performed at the SGS Sudbury site
Assays not suitable for commercial exchange.

Certified By : Sarah Thyret-Auber
Sarah Thyret
Project Coordinator

SGS Minerals Services (Lakefield) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at http://www.scc.ca/en/programs/lab/mineral.shtml

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the **@** symbol (e.g. @Cu) denote assays performed using accredited test methods

This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was (were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativity of the goods and strictly relate to the sample (s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law .

Element	WtKg	@Au	Pt	Pd	Ag	Al	As	Ba
Method	G_WGH79	GE_FAI313	GE_FAI313	GE_FAI313	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B
Det.Lim.	0.001	1	10	1	2	0.01	3	5
Units	kg	ppb	ppb	ppb	ppm	%	ppm	ppm
RV2017-0662	1.051	2	<10	1	<2	2.51	7	852
RV2017-0663	1.971	2	<10	1	<2	1.79	5	597
RV2017-0664	1.967	2	<10	3	<2	2.98	6	812
RV2017-0665	1.188	1	<10	<1	<2	0.04	<3	6
RV2017-0666	1.895	2	<10	2	<2	2.73	5	383
RV2017-0667	2.112	2	<10	1	<2	2.31	5	507
RV2017-0668	1.980	2	<10	1	<2	2.56	5	358
RV2017-0669	2.006	2	<10	2	<2	2.41	4	304
RV2017-0670	1.997	2	<10	1	<2	2.43	3	144
RV2017-0671	2.001	2	<10	3	<2	2.36	5	326
RV2017-0672	2.188	2	<10	3	<2	2.56	<3	420
RV2017-0673	1.991	3	<10	2	<2	2.52	4	269
RV2017-0674	1.899	2	<10	3	<2	2.83	4	367
RV2017-0675	2.161	2	<10	2	<2	2.88	4	298
RV2017-0676	2.298	4	<10	3	<2	1.87	3	352
RV2017-0677	2.113	3	<10	3	<2	2.64	4	510
RV2017-0678	2.000	2	<10	3	<2	2.49	4	567
RV2017-0679	2.028	3	<10	2	<2	3.21	4	362
RV2017-0680	2.096	2	<10	2	<2	3.14	4	399
RV2017-0681	1.884	2	<10	1	<2	2.59	6	964
RV2017-0682	1.833	4	<10	<1	<2	1.51	4	446
RV2017-0683	2.175	2	<10	2	<2	3.05	5	460
RV2017-0684	1.766	2	<10	<1	<2	1.28	4	113
RV2017-0685	0.067	20	153	351	<2	3.70	<3	40
RV2017-0686	1.752	2	<10	<1	<2	1.46	5	125
RV2017-0687	2.177	2	<10	4	<2	3.73	6	165
RV2017-0688	1.572	2	<10	1	<2	1.94	3	357
RV2017-0689	1.982	2	<10	1	<2	2.45	4	196
RV2017-0690	1.967	2	<10	3	<2	3.11	4	350
RV2017-0691	2.035	2	<10	2	<2	2.60	<3	477
RV2017-0692	2.223	3	<10	2	<2	2.83	5	381
RV2017-0693	1.857	2	<10	1	<2	2.19	6	395
RV2017-0694	2.234	3	<10	2	<2	2.31	6	500
RV2017-0695	1.880	2	<10	<1	<2	1.81	15	326
*Dup RV2017-0695	<0.001	2	<10	1	<2	1.87	14	318
RV2017-0696	2.077	2	<10	2	<2	2.54	4	392
RV2017-0697	1.640	2	<10	2	<2	2.16	6	325
RV2017-0698	2.252	2	<10	<1	<2	1.75	6	220
RV2017-0699	1.978	3	<10	2	<2	2.63	4	320
RV2017-0700	1.812	1	<10	1	<2	2.71	5	197

This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was (were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativity of the goods and strictly relate to the sample (s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law .

Element	WtKg	@Au	Pt	Pd	Ag	Al	As	Ba
Method	G_WGH79	GE_FAI313	GE_FAI313	GE_FAI313	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B
Det.Lim.	0.001	1	10	1	2	0.01	3	5
Units	kg	ppb	ppb	ppb	ppm	%	ppm	ppm
RV2017-0701	1.607	2	<10	1	<2	2.41	6	116
RV2017-0702	1.958	3	<10	2	<2	2.49	3	212
RV2017-0703	1.916	1	<10	1	<2	3.39	5	57
RV2017-0704	1.954	2	<10	2	<2	2.43	3	21
RV2017-0705	0.621	1	<10	2	<2	0.04	<3	<5
RV2017-0706	1.940	1	<10	<1	<2	2.75	6	211
RV2017-0707	1.875	2	<10	2	<2	2.46	6	359
RV2017-0708	1.977	2	<10	1	<2	1.09	6	194
RV2017-0709	1.816	2	<10	<1	<2	1.75	5	403
RV2017-0710	2.155	2	15	17	<2	1.83	3	115
RV2017-0711	1.784	2	<10	2	<2	1.99	5	364
RV2017-0712	1.962	2	<10	2	<2	2.56	5	288
RV2017-0713	1.880	2	<10	2	<2	2.52	4	194
RV2017-0714	1.969	2	<10	2	<2	1.89	5	95
RV2017-0715	2.148	2	<10	2	<2	3.13	5	61
RV2017-0716	1.878	1	<10	<1	<2	1.55	5	80
RV2017-0717	1.857	2	<10	<1	<2	1.50	7	326
RV2017-0718	1.788	3	<10	<1	<2	1.46	7	407
RV2017-0719	1.773	2	<10	2	<2	2.83	4	437
RV2017-0720	1.927	3	<10	2	<2	2.47	3	310
RV2017-0721	2.146	3	<10	3	<2	2.76	4	665
RV2017-0722	1.787	2	<10	2	<2	3.23	6	573
RV2017-0723	1.848	2	<10	<1	<2	2.38	9	353
RV2017-0724	1.733	2	<10	2	<2	3.28	5	204
RV2017-0725	0.068	84	482	1581	<2	2.69	3	72
RV2017-0726	2.249	2	<10	2	<2	2.72	5	199
RV2017-0727	1.836	2	<10	2	<2	2.52	3	290
RV2017-0728	2.037	2	<10	2	<2	2.25	4	66
RV2017-0729	1.829	2	<10	2	<2	2.51	4	266
RV2017-0730	1.972	2	<10	2	<2	3.59	4	407
RV2017-0731	2.086	2	<10	4	<2	4.28	5	745
*Rep RV2017-0663		2	<10	1				
*Rep RV2017-0722		2	<10	2				
*Std CDN-PGMS-28		194	1630	1902				
*Std OREAS-13B		214	201	133				
*Std CDN-PGMS-25		492	437	1861				
*Blk BLANK		5	<10	<1				
*Rep RV2017-0702					<2	2.47	5	213

This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was (were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativity of the goods and strictly relate to the sample (s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law .

Final : SU1700827 Order:

Report File No.: 0000011911

Element	Ag	Al	As	Ba
Method	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B
Det.Lim.	2	0.01	3	5
Units	ppm	%	ppm	ppm
*Std OREAS-902	<2	0.52	553	16
*Std OREAS-901	<2	1.01	66	89
*Std OREAS-903	<2	0.51	48	64
*Blk BLANK	<2	<0.01	<3	<5

This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was (were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativity of the goods and strictly relate to the sample (s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law .

Element	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
Method	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B
Det.Lim.	0.5	5	0.01	1	1	1	0.5	0.01
Units	ppm	ppm	%	ppm	ppm	ppm	ppm	%
RV2017-0662	<0.5	<5	0.40	<1	24	167	81.7	4.29
RV2017-0663	<0.5	<5	0.30	<1	19	142	57.7	3.08
RV2017-0664	<0.5	<5	0.38	<1	31	261	89.0	5.00
RV2017-0665	<0.5	<5	0.01	<1	1	108	8.8	0.56
RV2017-0666	<0.5	<5	0.22	<1	21	213	45.0	4.15
RV2017-0667	<0.5	<5	0.40	<1	23	173	71.6	3.79
RV2017-0668	<0.5	<5	0.72	<1	23	174	60.1	3.95
RV2017-0669	<0.5	<5	0.78	<1	29	212	83.3	3.95
RV2017-0670	<0.5	<5	0.82	<1	25	143	74.8	3.84
RV2017-0671	<0.5	<5	0.48	<1	33	240	98.5	4.03
RV2017-0672	<0.5	<5	0.47	<1	34	241	100	4.31
RV2017-0673	<0.5	<5	0.41	<1	26	173	63.8	3.93
RV2017-0674	<0.5	<5	0.35	<1	32	231	100	4.48
RV2017-0675	<0.5	<5	0.55	<1	30	297	69.2	4.58
RV2017-0676	<0.5	<5	0.44	<1	25	161	75.7	3.23
RV2017-0677	<0.5	<5	0.39	<1	35	248	108	4.65
RV2017-0678	<0.5	<5	0.33	<1	31	228	108	4.44
RV2017-0679	<0.5	<5	0.19	<1	30	236	75.6	4.99
RV2017-0680	<0.5	<5	0.32	<1	24	263	56.2	4.79
RV2017-0681	<0.5	<5	0.48	<1	24	201	84.8	4.54
RV2017-0682	<0.5	<5	0.37	<1	22	89	99.3	2.97
RV2017-0683	<0.5	<5	0.16	<1	24	221	60.8	4.88
RV2017-0684	<0.5	<5	0.15	<1	11	81	26.2	1.97
RV2017-0685	<0.5	<5	2.20	<1	39	79	194	3.66
RV2017-0686	<0.5	<5	0.13	<1	10	85	16.9	2.32
RV2017-0687	<0.5	<5	0.15	<1	27	301	34.1	5.46
RV2017-0688	<0.5	<5	0.15	<1	18	164	49.4	3.17
RV2017-0689	<0.5	<5	0.10	<1	19	182	35.2	3.79
RV2017-0690	<0.5	<5	0.31	<1	27	216	57.3	4.89
RV2017-0691	<0.5	<5	0.35	<1	27	204	103	4.35
RV2017-0692	<0.5	<5	0.42	<1	31	199	99.1	4.84
RV2017-0693	<0.5	<5	0.35	<1	18	128	49.5	3.59
RV2017-0694	<0.5	<5	0.47	<1	23	163	68.2	3.91
RV2017-0695	<0.5	<5	0.53	<1	17	91	60.4	2.97
*Dup RV2017-0695	<0.5	<5	0.56	<1	17	90	58.6	3.08
RV2017-0696	<0.5	<5	0.53	<1	25	181	75.9	4.30
RV2017-0697	<0.5	<5	0.45	<1	23	143	78.8	3.70
RV2017-0698	<0.5	<5	0.55	<1	18	75	56.9	2.91
RV2017-0699	<0.5	<5	0.38	<1	27	186	72.9	4.23
RV2017-0700	<0.5	<5	0.20	<1	22	211	38.2	4.10

This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was (were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativity of the goods and strictly relate to the sample (s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law .

Element	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
Method	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B
Det.Lim.	0.5	5	0.01	1	1	1	0.5	0.01
Units	ppm	ppm	%	ppm	ppm	ppm	ppm	%
RV2017-0701	<0.5	<5	0.23	<1	24	192	61.9	3.93
RV2017-0702	<0.5	<5	0.33	<1	25	200	46.4	3.99
RV2017-0703	<0.5	<5	0.32	<1	36	210	56.8	5.03
RV2017-0704	<0.5	<5	0.11	<1	16	162	9.6	3.38
RV2017-0705	<0.5	<5	<0.01	<1	1	133	3.7	0.49
RV2017-0706	<0.5	<5	0.18	<1	20	177	31.8	4.18
RV2017-0707	<0.5	<5	0.41	<1	24	223	69.5	4.17
RV2017-0708	<0.5	<5	0.17	<1	8	56	16.0	1.84
RV2017-0709	<0.5	<5	0.21	<1	18	135	65.1	3.12
RV2017-0710	<0.5	<5	1.13	<1	21	78	65.9	3.17
RV2017-0711	<0.5	<5	0.64	<1	25	126	89.8	3.47
RV2017-0712	<0.5	<5	0.52	<1	29	226	82.4	4.15
RV2017-0713	<0.5	<5	0.54	<1	26	198	67.2	4.11
RV2017-0714	<0.5	<5	0.53	<1	20	140	56.9	3.28
RV2017-0715	<0.5	<5	0.40	<1	31	241	85.0	4.96
RV2017-0716	<0.5	<5	0.20	<1	12	106	23.0	2.45
RV2017-0717	<0.5	<5	0.16	<1	12	88	36.0	2.51
RV2017-0718	<0.5	<5	0.31	<1	11	80	33.2	2.43
RV2017-0719	<0.5	<5	0.60	<1	29	299	75.1	4.26
RV2017-0720	<0.5	<5	0.65	<1	24	380	34.5	3.50
RV2017-0721	<0.5	<5	0.96	<1	36	195	122	5.11
RV2017-0722	<0.5	<5	1.17	<1	31	230	71.7	5.37
RV2017-0723	<0.5	<5	0.69	<1	22	147	58.2	3.84
RV2017-0724	<0.5	<5	0.49	<1	28	208	55.6	4.88
RV2017-0725	<0.5	<5	1.24	<1	43	132	1385	3.08
RV2017-0726	<0.5	<5	0.47	<1	29	207	77.4	4.20
RV2017-0727	<0.5	<5	0.62	<1	27	228	86.6	4.10
RV2017-0728	<0.5	<5	0.68	<1	19	171	37.7	3.43
RV2017-0729	<0.5	<5	0.78	<1	23	203	57.0	3.81
RV2017-0730	<0.5	<5	0.38	<1	27	321	52.3	5.19
RV2017-0731	<0.5	<5	0.22	<1	37	374	91.4	6.58
*Rep RV2017-0702	<0.5	<5	0.33	<1	25	202	46.6	3.97
Element	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
Method	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B
Det.Lim.	0.5	5	0.01	1	1	1	0.5	0.01
Units	ppm	ppm	%	ppm	ppm	ppm	ppm	%
*Std OREAS-902	1.0	13	4.00	<1	937	22	3123	3.10
*Std OREAS-901	4.9	6	0.09	<1	75	23	1459	3.85
*Std OREAS-903	2.8	15	0.61	<1	133	26	6841	4.05
*Blk BLANK	<0.5	<5	<0.01	<1	<1	<1	<0.5	<0.01

This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was (were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativity of the goods and strictly relate to the sample (s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law .

Element	Hg	K	La	Li	Mg	Mn	Mo	Na
Method	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B
Det.Lim.	1	0.01	0.5	1	0.01	2	1	0.01
Units	ppm	%	ppm	ppm	%	ppm	ppm	%
RV2017-0662	<1	1.36	100	24	2.12	315	2	0.13
RV2017-0663	<1	0.96	56.7	15	1.50	230	4	0.11
RV2017-0664	<1	1.41	52.0	22	2.78	394	3	0.13
RV2017-0665	<1	0.02	1.6	<1	<0.01	48	4	0.03
RV2017-0666	<1	0.71	52.0	20	2.63	349	6	0.09
RV2017-0667	<1	0.85	53.6	16	2.09	280	3	0.12
RV2017-0668	<1	0.56	56.0	15	2.37	338	3	0.14
RV2017-0669	<1	0.46	30.4	14	2.29	341	2	0.14
RV2017-0670	<1	0.23	17.3	12	2.24	353	1	0.15
RV2017-0671	<1	0.49	41.7	13	2.18	311	5	0.12
RV2017-0672	<1	0.68	25.6	14	2.41	328	2	0.12
RV2017-0673	<1	0.47	36.8	16	2.38	332	4	0.13
RV2017-0674	<1	0.61	32.6	17	2.81	350	2	0.09
RV2017-0675	<1	0.49	25.1	15	2.88	402	2	0.11
RV2017-0676	<1	0.56	24.4	11	1.67	254	2	0.11
RV2017-0677	<1	0.81	23.2	14	2.40	353	2	0.13
RV2017-0678	<1	0.95	38.1	16	2.29	317	4	0.11
RV2017-0679	<1	0.67	39.7	16	3.17	406	8	0.09
RV2017-0680	<1	0.73	42.9	18	3.16	413	5	0.07
RV2017-0681	<1	1.61	70.5	23	2.20	300	5	0.16
RV2017-0682	<1	0.80	54.1	12	1.24	189	2	0.12
RV2017-0683	<1	0.97	51.6	25	2.94	389	2	0.10
RV2017-0684	<1	0.27	58.4	12	1.18	169	6	0.07
RV2017-0685	<1	0.11	0.9	3	2.87	386	<1	0.54
RV2017-0686	<1	0.29	73.8	15	1.38	205	3	0.08
RV2017-0687	<1	0.42	26.4	44	4.02	428	3	0.05
RV2017-0688	<1	0.78	33.1	13	1.80	271	2	0.11
RV2017-0689	<1	0.43	32.5	17	2.43	328	5	0.07
RV2017-0690	<1	0.71	31.4	23	2.99	419	2	0.11
RV2017-0691	<1	0.90	34.0	22	2.40	325	2	0.12
RV2017-0692	<1	0.74	37.8	38	2.76	320	2	0.09
RV2017-0693	<1	0.75	68.5	19	1.76	283	2	0.13
RV2017-0694	<1	0.90	70.5	18	1.89	297	2	0.12
RV2017-0695	<1	0.58	226	12	1.44	235	2	0.12
*Dup RV2017-0695	<1	0.58	225	13	1.46	250	2	0.13
RV2017-0696	<1	0.69	45.3	19	2.28	335	2	0.13
RV2017-0697	<1	0.59	99.1	16	1.85	282	3	0.12
RV2017-0698	<1	0.40	100	12	1.49	233	2	0.11
RV2017-0699	<1	0.73	50.6	17	2.54	359	1	0.12
RV2017-0700	<1	0.44	54.4	17	2.74	354	29	0.07

This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was (were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativity of the goods and strictly relate to the sample (s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law .

Element	Hg	K	La	Li	Mg	Mn	Mo	Na
Method	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B
Det.Lim.	1	0.01	0.5	1	0.01	2	1	0.01
Units	ppm	%	ppm	ppm	%	ppm	ppm	%
RV2017-0701	<1	0.28	56.7	18	2.44	323	8	0.11
RV2017-0702	<1	0.48	45.0	20	2.60	328	6	0.10
RV2017-0703	<1	0.16	48.8	23	3.67	413	11	0.07
RV2017-0704	<1	0.08	36.3	14	2.58	272	5	0.07
RV2017-0705	<1	0.01	1.4	<1	0.01	39	2	0.03
RV2017-0706	<1	0.46	82.5	16	2.71	327	6	0.08
RV2017-0707	<1	0.78	65.3	17	2.32	394	2	0.11
RV2017-0708	<1	0.40	68.7	12	0.86	167	2	0.10
RV2017-0709	<1	0.75	54.0	13	1.41	245	6	0.11
RV2017-0710	<1	0.22	40.0	10	1.52	348	1	0.21
RV2017-0711	<1	0.51	55.3	14	1.70	265	2	0.13
RV2017-0712	<1	0.49	42.8	15	2.38	374	3	0.12
RV2017-0713	<1	0.37	49.8	14	2.27	367	2	0.16
RV2017-0714	<1	0.19	46.3	12	1.71	295	2	0.15
RV2017-0715	<1	0.15	53.0	16	3.14	399	2	0.11
RV2017-0716	<1	0.17	53.5	10	1.53	214	4	0.08
RV2017-0717	<1	0.63	89.9	12	1.21	191	<1	0.10
RV2017-0718	<1	0.78	106	13	1.14	182	1	0.10
RV2017-0719	<1	0.87	31.8	18	3.00	363	2	0.12
RV2017-0720	<1	0.54	27.0	12	2.79	335	4	0.07
RV2017-0721	<1	1.10	28.4	16	2.32	449	3	0.22
RV2017-0722	<1	0.95	61.8	17	2.87	475	1	0.16
RV2017-0723	<1	0.61	124	13	1.97	337	2	0.17
RV2017-0724	<1	0.41	46.3	16	3.29	435	2	0.10
RV2017-0725	<1	0.26	4.8	10	2.28	239	<1	0.26
RV2017-0726	<1	0.43	55.7	15	2.71	389	2	0.13
RV2017-0727	<1	0.56	35.2	14	2.46	343	2	0.14
RV2017-0728	<1	0.15	43.3	13	2.27	336	1	0.12
RV2017-0729	<1	0.63	35.6	15	2.46	386	2	0.16
RV2017-0730	<1	0.98	33.6	18	3.66	505	1	0.09
RV2017-0731	<1	1.85	31.8	22	4.27	632	2	0.11
*Rep RV2017-0702	<1	0.48	46.1	20	2.58	330	3	0.10
Element	Hg	K	La	Li	Mg	Mn	Mo	Na
Method	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B
Det.Lim.	1	0.01	0.5	1	0.01	2	1	0.01
Units	ppm	%	ppm	ppm	%	ppm	ppm	%
*Std OREAS-902	<1	0.27	13.6	3	2.37	468	12	0.02
*Std OREAS-901	<1	0.53	36.6	3	0.14	296	3	0.02
*Std OREAS-903	<1	0.32	21.1	2	0.23	698	4	0.02
*Blk BLANK	<1	<0.01	<0.5	<1	<0.01	<2	<1	0.01

This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was (were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativity of the goods and strictly relate to the sample (s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law .

Element	Ni	P	Pb	S	Sb	Sc	Sn	Sr
Method	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B
Det.Lim.	1	0.01	2	0.01	5	0.5	10	0.5
Units	ppm	%	ppm	%	ppm	ppm	ppm	ppm
RV2017-0662	82	0.03	5	0.33	<5	7.3	<10	47.3
RV2017-0663	67	0.02	4	0.29	<5	5.6	<10	29.5
RV2017-0664	131	0.03	3	0.42	<5	9.2	<10	26.8
RV2017-0665	9	<0.01	<2	<0.01	<5	<0.5	<10	2.0
RV2017-0666	96	0.06	3	0.19	<5	10.7	<10	22.5
RV2017-0667	95	0.07	2	0.35	<5	6.9	<10	30.8
RV2017-0668	94	0.15	3	0.29	<5	7.1	<10	41.9
RV2017-0669	112	0.11	<2	0.42	<5	7.6	<10	23.2
RV2017-0670	87	0.13	<2	0.29	<5	7.4	<10	26.8
RV2017-0671	141	0.04	<2	0.49	<5	6.9	<10	24.3
RV2017-0672	136	0.03	<2	0.50	<5	7.3	<10	20.6
RV2017-0673	105	0.05	<2	0.30	<5	6.8	<10	30.1
RV2017-0674	136	0.06	2	0.42	<5	9.0	<10	20.8
RV2017-0675	195	0.08	<2	0.36	<5	6.8	<10	18.6
RV2017-0676	99	0.05	<2	0.39	<5	5.3	<10	23.1
RV2017-0677	137	0.03	<2	0.56	<5	7.4	<10	19.8
RV2017-0678	122	0.03	2	0.57	<5	7.7	<10	22.5
RV2017-0679	114	0.05	2	0.37	<5	11.9	<10	20.3
RV2017-0680	116	0.10	3	0.29	<5	8.7	<10	20.4
RV2017-0681	88	0.09	3	0.41	<5	7.9	<10	39.1
RV2017-0682	65	0.07	3	0.50	<5	4.8	<10	29.4
RV2017-0683	92	0.03	5	0.30	<5	14.0	<10	18.1
RV2017-0684	37	0.02	9	0.11	<5	6.0	<10	20.1
RV2017-0685	242	0.01	<2	0.05	<5	1.8	<10	146
RV2017-0686	28	0.03	5	0.07	<5	6.3	<10	16.0
RV2017-0687	115	0.04	<2	0.16	<5	15.8	<10	10.0
RV2017-0688	73	0.02	3	0.24	<5	7.1	<10	17.2
RV2017-0689	79	0.02	11	0.16	<5	9.8	<10	12.5
RV2017-0690	97	0.06	32	0.27	<5	11.6	<10	18.6
RV2017-0691	95	0.02	23	0.33	<5	9.3	<10	19.6
RV2017-0692	104	0.03	10	0.36	<5	10.8	<10	22.9
RV2017-0693	64	0.03	30	0.24	<5	7.5	<10	38.2
RV2017-0694	79	0.09	5	0.33	<5	7.6	<10	38.2
RV2017-0695	52	0.09	10	0.29	<5	5.3	<10	53.1
*Dup RV2017-0695	51	0.09	9	0.29	<5	5.5	<10	54.5
RV2017-0696	89	0.08	3	0.37	<5	7.3	<10	33.5
RV2017-0697	80	0.06	5	0.36	<5	6.7	<10	41.1
RV2017-0698	49	0.12	4	0.27	<5	5.2	<10	42.3
RV2017-0699	100	0.08	3	0.33	<5	8.6	<10	24.4
RV2017-0700	95	0.04	2	0.19	<5	10.3	<10	17.6

This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was (were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativity of the goods and strictly relate to the sample (s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law .

Element	Ni	P	Pb	S	Sb	Sc	Sn	Sr
Method	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B
Det.Lim.	1	0.01	2	0.01	5	0.5	10	0.5
Units	ppm	%	ppm	%	ppm	ppm	ppm	ppm
RV2017-0701	89	0.03	8	0.31	<5	7.3	<10	21.2
RV2017-0702	113	0.04	9	0.24	<5	8.4	<10	18.1
RV2017-0703	88	0.08	15	0.30	<5	13.1	<10	14.3
RV2017-0704	65	0.03	<2	0.04	<5	8.6	<10	14.2
RV2017-0705	5	<0.01	<2	<0.01	<5	<0.5	<10	1.9
RV2017-0706	77	0.05	6	0.15	<5	12.1	<10	21.3
RV2017-0707	71	0.11	5	0.30	<5	6.5	<10	23.5
RV2017-0708	18	0.03	10	0.06	<5	4.4	<10	22.2
RV2017-0709	60	0.02	10	0.26	<5	5.8	<10	24.8
RV2017-0710	63	0.06	2	0.24	<5	8.7	<10	33.6
RV2017-0711	66	0.10	5	0.34	<5	6.4	<10	34.6
RV2017-0712	114	0.06	3	0.33	<5	7.6	<10	22.6
RV2017-0713	105	0.04	3	0.27	<5	8.3	<10	28.4
RV2017-0714	73	0.03	5	0.24	<5	7.2	<10	25.2
RV2017-0715	117	0.07	4	0.35	<5	9.8	<10	21.6
RV2017-0716	39	0.03	5	0.10	<5	4.6	<10	14.9
RV2017-0717	28	0.03	7	0.16	<5	7.5	<10	31.4
RV2017-0718	27	0.05	11	0.16	<5	6.4	<10	39.6
RV2017-0719	171	0.13	4	0.33	<5	6.9	<10	24.6
RV2017-0720	248	0.17	<2	0.19	<5	4.6	<10	18.1
RV2017-0721	138	0.06	<2	0.55	<5	9.8	<10	20.3
RV2017-0722	117	0.29	<2	0.37	<5	8.4	<10	27.2
RV2017-0723	86	0.10	5	0.29	<5	8.1	<10	49.2
RV2017-0724	93	0.11	<2	0.26	<5	8.9	<10	19.5
RV2017-0725	354	0.01	4	0.40	<5	5.5	<10	47.3
RV2017-0726	93	0.09	4	0.32	<5	8.3	<10	25.0
RV2017-0727	112	0.09	3	0.37	<5	7.9	<10	22.7
RV2017-0728	87	0.14	<2	0.18	<5	6.1	<10	18.8
RV2017-0729	103	0.21	<2	0.22	<5	6.4	<10	23.3
RV2017-0730	126	0.14	<2	0.24	<5	9.2	<10	15.8
RV2017-0731	172	0.05	<2	0.43	<5	13.4	<10	14.1
*Rep RV2017-0702	112	0.04	9	0.24	<5	8.2	<10	18.3
Element	Ni	P	Pb	S	Sb	Sc	Sn	Sr
Method	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B
Det.Lim.	1	0.01	2	0.01	5	0.5	10	0.5
Units	ppm	%	ppm	%	ppm	ppm	ppm	ppm
*Std OREAS-902	162	0.07	11	1.87	<5	2.6	<10	21.4
*Std OREAS-901	34	0.06	15	0.03	<5	5.1	<10	21.3
*Std OREAS-903	49	0.11	9	0.52	<5	2.9	<10	16.9
*Blk BLANK	<1	<0.01	<2	<0.01	<5	<0.5	<10	<0.5

This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was (were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativity of the goods and strictly relate to the sample (s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law .

Element	Ti	V	W	Y	Zn	Zr
Method	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B
Det.Lim.	0.01	1	10	0.5	1	0.5
Units	%	ppm	ppm	ppm	ppm	ppm
RV2017-0662	0.24	86	<10	7.0	70	1.3
RV2017-0663	0.15	62	<10	6.8	49	1.6
RV2017-0664	0.25	125	<10	5.5	81	1.0
RV2017-0665	<0.01	<1	<10	<0.5	3	1.0
RV2017-0666	0.13	90	<10	9.6	80	1.7
RV2017-0667	0.16	87	<10	8.0	60	0.9
RV2017-0668	0.12	77	<10	10.9	62	0.9
RV2017-0669	0.12	86	<10	4.6	61	1.8
RV2017-0670	0.11	76	<10	5.2	61	0.7
RV2017-0671	0.13	79	<10	3.9	59	1.2
RV2017-0672	0.16	89	<10	2.8	64	0.6
RV2017-0673	0.13	85	<10	4.2	66	1.0
RV2017-0674	0.13	106	<10	5.0	80	0.9
RV2017-0675	0.12	81	<10	4.6	81	0.9
RV2017-0676	0.12	69	<10	3.1	47	0.8
RV2017-0677	0.16	93	<10	3.0	69	0.7
RV2017-0678	0.18	98	<10	4.3	66	0.9
RV2017-0679	0.13	118	<10	10.3	87	1.0
RV2017-0680	0.12	80	<10	9.2	86	1.4
RV2017-0681	0.26	96	<10	11.2	67	2.0
RV2017-0682	0.14	57	<10	7.4	39	1.0
RV2017-0683	0.17	123	<10	9.0	89	1.3
RV2017-0684	0.05	42	<10	7.3	60	4.4
RV2017-0685	0.03	32	<10	0.8	15	0.8
RV2017-0686	0.05	45	<10	8.3	57	4.4
RV2017-0687	0.10	151	<10	7.1	89	0.8
RV2017-0688	0.12	79	<10	5.9	60	1.3
RV2017-0689	0.08	92	<10	5.7	141	1.2
RV2017-0690	0.16	134	<10	6.8	291	1.1
RV2017-0691	0.17	111	<10	4.8	269	0.9
RV2017-0692	0.17	124	<10	7.5	85	1.2
RV2017-0693	0.15	76	<10	8.2	235	1.5
RV2017-0694	0.16	82	<10	11.3	87	1.1
RV2017-0695	0.11	58	<10	15.4	44	0.9
*Dup RV2017-0695	0.12	59	<10	15.2	45	1.0
RV2017-0696	0.16	88	<10	8.5	69	0.8
RV2017-0697	0.13	73	<10	9.9	54	0.9
RV2017-0698	0.10	56	<10	12.8	44	1.0
RV2017-0699	0.15	99	<10	8.4	71	0.8
RV2017-0700	0.10	95	<10	7.8	72	2.1

This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was (were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativity of the goods and strictly relate to the sample (s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law .

Element	Ti	V	W	Y	Zn	Zr
Method	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B
Det.Lim.	0.01	1	10	0.5	1	0.5
Units	%	ppm	ppm	ppm	ppm	ppm
RV2017-0701	0.10	77	<10	5.9	79	3.9
RV2017-0702	0.14	90	<10	5.8	107	2.3
RV2017-0703	0.07	121	<10	10.7	196	2.8
RV2017-0704	0.04	80	<10	6.1	66	1.4
RV2017-0705	<0.01	<1	<10	<0.5	<1	0.8
RV2017-0706	0.11	107	<10	12.2	79	1.4
RV2017-0707	0.15	81	<10	11.1	83	1.1
RV2017-0708	0.07	33	<10	8.7	57	4.0
RV2017-0709	0.13	62	<10	5.6	143	2.3
RV2017-0710	0.11	73	<10	6.3	42	0.9
RV2017-0711	0.13	74	<10	8.3	57	1.1
RV2017-0712	0.12	78	<10	6.1	70	1.9
RV2017-0713	0.13	87	<10	5.7	71	1.2
RV2017-0714	0.11	73	<10	7.1	52	2.9
RV2017-0715	0.10	103	<10	8.7	94	1.9
RV2017-0716	0.05	39	<10	10.5	49	4.4
RV2017-0717	0.11	49	<10	17.6	48	4.2
RV2017-0718	0.13	47	<10	18.8	46	5.5
RV2017-0719	0.16	76	<10	8.1	85	1.6
RV2017-0720	0.11	53	<10	6.8	83	1.8
RV2017-0721	0.24	122	<10	4.2	74	0.9
RV2017-0722	0.19	115	<10	9.9	83	1.7
RV2017-0723	0.15	85	<10	12.5	61	1.8
RV2017-0724	0.12	105	<10	10.3	92	1.4
RV2017-0725	0.05	38	<10	1.7	53	1.7
RV2017-0726	0.12	88	<10	10.0	79	1.5
RV2017-0727	0.15	85	<10	7.1	78	1.2
RV2017-0728	0.08	62	<10	9.8	68	1.4
RV2017-0729	0.14	80	<10	12.3	78	1.4
RV2017-0730	0.16	115	<10	12.7	112	1.0
RV2017-0731	0.29	185	<10	7.9	134	0.9
*Rep RV2017-0702	0.14	89	<10	5.7	107	2.2
Element	Ti	V	W	Y	Zn	Zr
Method	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B
Det.Lim.	0.01	1	10	0.5	1	0.5
Units	%	ppm	ppm	ppm	ppm	ppm
*Std OREAS-902	<0.01	8	<10	7.3	6	14.3
*Std OREAS-901	<0.01	21	<10	19.0	22	33.3
*Std OREAS-903	<0.01	12	<10	8.9	22	17.8
*Blk BLANK	<0.01	<1	<10	<0.5	<1	<0.5

This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was (were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativity of the goods and strictly relate to the sample (s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law .