Certificate of Analysis
Work Order : SU1700785
[Report File No.: 0000011679]

Date: September 12, 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: Aug 24, 2017
Pages: Page 1 to 11
(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	I.S.	= Insufficient Sample
n.a.	= Not applicable	--	= 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

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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
RV2017-0483	2.245	1	<10	5	<2	1.78	<3	272
RV2017-0484	2.307	2	<10	1	<2	0.75	<3	88
RV2017-0485	0.068	74	465	1485	<2	2.15	<3	71
RV2017-0486	2.104	<1	<10	<1	<2	0.61	<3	64
RV2017-0487	2.242	<1	<10	<1	<2	1.05	3	92
RV2017-0488	2.182	<1	<10	<1	<2	0.26	<3	26
RV2017-0489	2.175	<1	<10	<1	<2	0.48	3	50
RV2017-0490	2.074	<1	<10	2	<2	0.35	<3	30
RV2017-0491	2.202	<1	<10	2	<2	2.04	<3	337
RV2017-0492	2.409	<1	<10	2	<2	2.75	<3	434
RV2017-0493	2.272	<1	<10	4	<2	3.07	<3	349
RV2017-0494	2.208	<1	<10	<1	<2	0.56	<3	51
RV2017-0495	2.052	<1	<10	5	<2	1.48	<3	237
RV2017-0496	2.437	<1	<10	<1	<2	1.07	<3	90
RV2017-0497	2.122	<1	<10	<1	<2	0.64	<3	73
RV2017-0498	1.937	<1	<10	<1	<2	0.47	<3	44
RV2017-0499	2.170	<1	<10	<1	<2	0.84	<3	81
RV2017-0500	2.186	<1	<10	<1	<2	1.09	<3	86
RV2017-0501	2.024	<1	<10	<1	<2	0.82	<3	94
RV2017-0502	2.107	<1	<10	<1	<2	0.52	<3	9
RV2017-0503	2.529	9	42	81	<2	2.15	<3	259
RV2017-0504	2.127	6	30	66	<2	2.93	<3	634
RV2017-0505	0.721	1	<10	1	<2	0.06	<3	<5
RV2017-0506	2.328	4	51	139	<2	2.78	5	416
RV2017-0507	2.268	4	13	11	<2	2.84	<3	544
RV2017-0508	2.444	7	27	29	<2	2.41	<3	221
RV2017-0509	2.309	11	49	90	<2	2.53	<3	379
RV2017-0510	2.466	11	30	55	<2	2.68	<3	419
RV2017-0511	2.056	2	10	11	<2	2.68	<3	280
RV2017-0512	1.937	3	68	192	<2	2.84	<3	213
RV2017-0513	2.266	3	13	26	<2	2.61	<3	194
RV2017-0514	1.821	2	<10	2	<2	2.01	3	273
RV2017-0515	2.281	<1	<10	2	<2	2.13	<3	156
RV2017-0516	2.339	<1	<10	<1	<2	2.35	<3	364
*Dup RV2017-0516	<0.001	<1	<10	2	<2	2.35	<3	357
RV2017-0517	2.284	<1	<10	2	<2	2.07	<3	236
RV2017-0518	1.849	1	<10	3	<2	2.75	4	238
RV2017-0519	2.388	14	51	139	<2	2.71	<3	190
RV2017-0520	2.327	16	74	231	<2	2.69	<3	159
RV2017-0521	2.313	5	35	63	<2	2.72	<3	223

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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
RV2017-0522	2.231	3	20	20	<2	3.02	<3	43
RV2017-0523	2.040	18	97	258	<2	2.61	4	33
RV2017-0524	2.185	25	87	219	<2	2.43	4	23
RV2017-0525	0.069	74	271	630	<2	1.60	<3	51
RV2017-0526	1.720	8	56	124	<2	3.26	<3	100
RV2017-0527	2.399	5	11	9	<2	1.18	5	64
RV2017-0528	1.660	2	<10	2	<2	1.13	3	78
RV2017-0529	2.036	7	<10	9	<2	2.44	12	151
RV2017-0530	2.005	19	25	25	<2	3.54	17	57
RV2017-0531	2.199	10	56	99	<2	3.98	14	41
RV2017-0532	2.475	14	41	68	<2	3.48	4	9
RV2017-0533	2.462	3	12	15	<2	3.62	<3	12
RV2017-0534	2.314	2	20	20	<2	3.53	<3	25
RV2017-0535	2.184	1	31	32	<2	2.85	5	13
RV2017-0536	2.445	3	28	33	<2	2.76	3	8
RV2017-0537	2.296	4	26	33	<2	2.85	<3	8
RV2017-0538	2.411	2	31	31	<2	3.02	3	6
RV2017-0539	2.172	4	28	30	<2	3.61	6	47
RV2017-0540	2.635	11	37	36	<2	4.13	16	115
RV2017-0541	2.057	11	19	20	<2	4.11	7	143
RV2017-0542	2.127	4	<10	13	<2	3.80	10	34
RV2017-0543	2.450	2	10	17	<2	4.10	4	13
RV2017-0544	2.200	47	<10	2	<2	1.39	19	100
RV2017-0545	0.941	<1	<10	<1	<2	0.04	<3	<5
RV2017-0546	1.923	15	<10	<1	<2	0.93	8	79
RV2017-0547	2.223	22	<10	<1	<2	0.89	8	75
RV2017-0548	2.330	25	<10	<1	<2	0.83	10	77
RV2017-0549	2.870	32	<10	1	<2	0.86	10	89
RV2017-0550	2.070	8	<10	<1	<2	0.79	6	94
RV2017-0551	2.530	9	<10	<1	<2	0.67	5	55
RV2017-0552	1.854	35	<10	<1	<2	0.78	10	83
*Rep RV2017-0488		<1	<10	<1				
*Rep RV2017-0520		15	73	241				
*Rep RV2017-0513					<2	2.61	<3	201
*Rep RV2017-0519					<2	2.77	<3	198

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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	%
RV2017-0483	<0.5	<5	0.80	<1	18	74	52.5	2.87
RV2017-0484	<0.5	<5	0.53	<1	5	25	22.8	1.09
RV2017-0485	<0.5	<5	1.43	<1	45	140	1260	3.19
RV2017-0486	<0.5	<5	0.52	<1	3	31	28.7	1.05
RV2017-0487	<0.5	<5	0.46	<1	6	52	13.1	1.89
RV2017-0488	<0.5	<5	0.20	<1	1	36	7.0	0.48
RV2017-0489	<0.5	<5	0.36	<1	2	30	8.8	0.77
RV2017-0490	<0.5	<5	0.47	<1	2	36	12.0	0.61
RV2017-0491	<0.5	<5	0.37	<1	21	155	36.9	3.72
RV2017-0492	<0.5	<5	0.63	<1	30	275	57.5	4.89
RV2017-0493	<0.5	<5	0.68	<1	33	305	60.4	5.56
RV2017-0494	<0.5	<5	0.24	<1	5	47	42.3	1.13
RV2017-0495	<0.5	<5	0.72	<1	11	79	41.7	2.42
RV2017-0496	<0.5	<5	0.50	<1	8	39	19.4	1.54
RV2017-0497	<0.5	<5	0.42	<1	4	35	12.4	1.12
RV2017-0498	<0.5	<5	0.47	<1	2	41	5.0	0.77
RV2017-0499	<0.5	<5	0.50	<1	4	30	7.2	1.19
RV2017-0500	<0.5	<5	0.47	<1	6	28	7.5	1.48
RV2017-0501	<0.5	<5	0.57	<1	4	32	7.7	1.26
RV2017-0502	<0.5	<5	0.19	<1	3	42	8.0	1.04
RV2017-0503	<0.5	<5	1.52	<1	32	64	334	4.21
RV2017-0504	<0.5	<5	1.57	<1	39	139	227	5.90
RV2017-0505	<0.5	<5	0.02	<1	1	139	6.1	0.43
RV2017-0506	<0.5	<5	1.23	<1	51	164	205	6.25
RV2017-0507	<0.5	<5	0.82	<1	57	232	218	6.66
RV2017-0508	<0.5	<5	1.81	<1	36	71	222	5.23
RV2017-0509	<0.5	<5	1.77	<1	35	94	247	5.21
RV2017-0510	<0.5	<5	2.05	<1	33	65	233	5.32
RV2017-0511	<0.5	<5	1.17	<1	30	185	90.5	5.21
RV2017-0512	<0.5	<5	0.88	<1	33	172	152	4.60
RV2017-0513	<0.5	<5	0.62	<1	42	308	181	4.60
RV2017-0514	<0.5	<5	0.72	<1	36	182	160	3.85
RV2017-0515	<0.5	<5	0.52	<1	25	230	58.7	3.78
RV2017-0516	<0.5	<5	0.85	<1	34	157	69.0	4.50
*Dup RV2017-0516	<0.5	<5	0.86	<1	34	150	69.3	4.55
RV2017-0517	<0.5	<5	0.69	<1	31	260	111	4.14
RV2017-0518	<0.5	<5	0.77	<1	37	336	129	5.09
RV2017-0519	<0.5	<5	1.06	<1	40	174	515	4.98
RV2017-0520	<0.5	<5	1.24	<1	47	290	554	5.14
RV2017-0521	<0.5	<5	2.06	<1	35	57	194	5.12

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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	%
RV2017-0522	<0.5	<5	2.12	<1	36	44	119	4.83
RV2017-0523	<0.5	<5	1.67	<1	33	96	381	3.89
RV2017-0524	0.7	<5	2.04	<1	35	113	340	4.29
RV2017-0525	<0.5	<5	1.00	<1	48	154	1307	3.06
RV2017-0526	<0.5	<5	1.03	<1	30	90	193	4.12
RV2017-0527	<0.5	<5	0.39	<1	16	47	58.8	1.74
RV2017-0528	<0.5	<5	0.16	<1	20	57	53.5	2.31
RV2017-0529	0.5	<5	0.23	<1	25	61	76.5	4.70
RV2017-0530	<0.5	<5	1.52	<1	66	44	76.4	7.53
RV2017-0531	<0.5	<5	2.25	<1	37	89	132	6.28
RV2017-0532	<0.5	<5	2.68	<1	23	54	98.7	4.08
RV2017-0533	<0.5	<5	2.77	<1	29	35	84.3	3.94
RV2017-0534	<0.5	<5	1.88	<1	35	34	28.9	4.84
RV2017-0535	<0.5	<5	1.54	<1	28	18	16.2	4.14
RV2017-0536	<0.5	<5	1.74	<1	22	20	30.6	3.56
RV2017-0537	<0.5	<5	1.92	<1	24	29	68.4	3.50
RV2017-0538	<0.5	<5	2.44	<1	21	35	47.2	3.35
RV2017-0539	<0.5	<5	1.70	<1	33	39	97.2	5.35
RV2017-0540	<0.5	<5	2.17	<1	39	58	150	6.32
RV2017-0541	<0.5	<5	1.65	<1	33	52	99.8	6.25
RV2017-0542	<0.5	<5	2.30	<1	43	21	147	5.40
RV2017-0543	<0.5	<5	2.82	<1	41	39	56.5	4.69
RV2017-0544	<0.5	<5	0.15	<1	19	68	34.1	2.79
RV2017-0545	<0.5	<5	0.01	<1	<1	80	3.1	0.33
RV2017-0546	<0.5	<5	0.07	<1	13	53	33.8	2.11
RV2017-0547	<0.5	<5	0.06	<1	12	51	30.2	1.98
RV2017-0548	<0.5	<5	0.06	<1	13	57	25.2	1.86
RV2017-0549	<0.5	<5	0.07	<1	13	50	33.2	1.80
RV2017-0550	<0.5	<5	0.14	<1	8	61	24.1	1.89
RV2017-0551	<0.5	<5	0.09	<1	9	55	25.9	1.70
RV2017-0552	<0.5	<5	0.06	<1	12	56	26.7	1.50
*Rep RV2017-0513	<0.5	<5	0.62	<1	42	319	183	4.59
*Rep RV2017-0519	<0.5	<5	1.12	<1	42	178	525	5.11

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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	%
RV2017-0483	<1	1.15	17.0	22	1.58	397	<1	0.05
RV2017-0484	<1	0.29	26.2	10	0.44	144	<1	0.08
RV2017-0485	<1	0.19	4.4	10	2.11	279	<1	0.27
RV2017-0486	<1	0.29	28.3	10	0.47	165	2	0.07
RV2017-0487	<1	0.70	21.4	16	0.87	281	1	0.07
RV2017-0488	<1	0.14	9.2	4	0.08	61	2	0.07
RV2017-0489	<1	0.24	27.3	8	0.19	104	1	0.07
RV2017-0490	<1	0.18	15.9	6	0.13	89	2	0.07
RV2017-0491	<1	1.44	17.5	25	1.77	431	1	0.06
RV2017-0492	<1	1.46	18.7	32	2.66	596	3	0.06
RV2017-0493	<1	0.88	14.4	39	3.13	673	6	0.05
RV2017-0494	<1	0.21	14.6	10	0.40	128	2	0.06
RV2017-0495	<1	0.88	26.3	24	1.29	303	1	0.07
RV2017-0496	<1	0.36	28.6	15	0.83	197	1	0.09
RV2017-0497	<1	0.35	21.4	10	0.50	146	1	0.08
RV2017-0498	<1	0.17	19.1	6	0.31	104	1	0.09
RV2017-0499	<1	0.40	22.5	10	0.60	158	<1	0.09
RV2017-0500	<1	0.53	24.5	15	0.90	200	<1	0.12
RV2017-0501	<1	0.41	22.1	10	0.53	176	<1	0.10
RV2017-0502	<1	0.22	20.8	8	0.46	123	1	0.14
RV2017-0503	<1	1.00	5.6	27	2.00	471	<1	0.12
RV2017-0504	<1	1.60	2.7	31	2.43	669	1	0.12
RV2017-0505	<1	0.02	1.4	<1	0.02	37	2	0.02
RV2017-0506	<1	1.05	5.5	30	2.36	669	2	0.13
RV2017-0507	<1	1.24	6.5	36	2.39	633	1	0.10
RV2017-0508	<1	0.54	4.5	24	2.01	688	1	0.14
RV2017-0509	<1	0.80	2.5	22	2.04	649	<1	0.12
RV2017-0510	<1	0.86	3.2	25	2.15	690	1	0.16
RV2017-0511	<1	0.73	12.4	28	2.59	660	1	0.13
RV2017-0512	<1	0.69	13.6	35	3.03	573	<1	0.14
RV2017-0513	<1	0.65	11.3	35	2.90	550	<1	0.09
RV2017-0514	<1	0.83	16.9	29	2.14	417	1	0.09
RV2017-0515	<1	0.46	14.9	38	2.48	452	13	0.08
RV2017-0516	<1	0.88	10.3	30	2.38	529	<1	0.09
*Dup RV2017-0516	<1	0.88	10.0	31	2.39	540	<1	0.09
RV2017-0517	<1	0.66	9.7	29	2.13	478	<1	0.08
RV2017-0518	<1	0.70	10.5	36	3.02	629	<1	0.08
RV2017-0519	<1	0.76	5.6	35	2.85	582	<1	0.09
RV2017-0520	<1	0.75	4.1	34	2.85	610	<1	0.10
RV2017-0521	<1	0.80	2.1	19	1.95	622	<1	0.22

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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	%
RV2017-0522	<1	0.27	3.2	25	2.31	625	<1	0.29
RV2017-0523	<1	0.42	6.3	27	2.43	526	<1	0.21
RV2017-0524	<1	0.29	10.2	68	3.76	482	1	0.07
RV2017-0525	<1	0.15	2.4	9	2.25	281	<1	0.15
RV2017-0526	<1	0.67	7.0	72	2.87	470	<1	0.15
RV2017-0527	<1	0.46	7.8	17	0.69	201	1	0.02
RV2017-0528	<1	0.32	9.8	15	0.74	228	2	0.02
RV2017-0529	<1	0.51	11.5	34	1.77	538	2	0.02
RV2017-0530	<1	0.26	4.3	56	2.69	918	<1	0.04
RV2017-0531	<1	0.40	3.9	43	2.93	889	<1	0.10
RV2017-0532	<1	0.24	3.3	34	1.96	574	<1	0.09
RV2017-0533	<1	0.17	1.6	31	2.06	568	<1	0.07
RV2017-0534	<1	0.19	1.2	41	2.72	684	<1	0.07
RV2017-0535	<1	0.11	1.1	40	2.36	580	<1	0.06
RV2017-0536	<1	0.06	1.4	34	1.92	520	<1	0.06
RV2017-0537	<1	0.08	1.4	32	1.93	504	<1	0.05
RV2017-0538	<1	0.07	1.7	33	1.74	503	<1	0.06
RV2017-0539	<1	0.35	2.0	54	2.80	777	<1	0.10
RV2017-0540	<1	0.63	4.9	56	3.07	900	<1	0.17
RV2017-0541	<1	0.52	5.8	56	3.11	863	<1	0.20
RV2017-0542	<1	0.28	7.4	42	2.86	743	1	0.13
RV2017-0543	<1	0.13	1.3	52	2.97	694	<1	0.09
RV2017-0544	<1	0.74	14.3	21	0.79	294	2	0.02
RV2017-0545	<1	0.02	1.3	<1	0.01	29	2	0.01
RV2017-0546	<1	0.59	4.3	15	0.53	208	2	0.01
RV2017-0547	<1	0.59	7.1	14	0.49	193	2	<0.01
RV2017-0548	<1	0.58	7.8	13	0.43	180	3	0.01
RV2017-0549	<1	0.59	5.5	13	0.41	167	2	<0.01
RV2017-0550	<1	0.51	18.6	14	0.44	201	2	0.02
RV2017-0551	<1	0.44	12.5	11	0.37	172	2	0.01
RV2017-0552	<1	0.56	4.7	12	0.35	135	2	0.02
*Rep RV2017-0513	<1	0.64	11.3	36	2.89	552	<1	0.09
*Rep RV2017-0519	<1	0.78	5.9	37	2.93	600	<1	0.10

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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
RV2017-0483	63	0.08	4	0.09	<5	4.9	<10	105
RV2017-0484	11	0.02	6	0.02	<5	1.7	<10	109
RV2017-0485	371	0.01	4	0.40	<5	6.4	<10	48.9
RV2017-0486	8	0.09	5	0.02	<5	2.2	<10	59.9
RV2017-0487	12	0.06	12	0.04	<5	3.3	<10	70.8
RV2017-0488	3	0.01	19	0.01	<5	0.7	<10	31.4
RV2017-0489	4	0.02	21	0.03	<5	1.2	<10	81.7
RV2017-0490	5	0.02	11	0.03	<5	0.9	<10	45.5
RV2017-0491	95	0.02	8	0.16	<5	8.4	<10	81.0
RV2017-0492	130	0.05	23	0.19	<5	9.0	<10	96.9
RV2017-0493	142	0.09	4	0.20	<5	8.0	<10	87.8
RV2017-0494	14	0.02	7	0.08	<5	2.0	<10	34.4
RV2017-0495	33	0.08	3	0.05	<5	5.1	<10	69.2
RV2017-0496	25	0.04	4	<0.01	<5	2.3	<10	71.3
RV2017-0497	6	0.04	3	0.02	<5	1.5	<10	57.9
RV2017-0498	5	0.03	7	<0.01	<5	1.3	<10	121
RV2017-0499	4	0.03	5	<0.01	<5	1.2	<10	141
RV2017-0500	6	0.03	3	0.02	<5	1.5	<10	116
RV2017-0501	6	0.06	4	<0.01	<5	1.8	<10	141
RV2017-0502	6	0.02	3	0.02	<5	1.4	<10	33.2
RV2017-0503	87	0.03	3	0.13	<5	11.4	<10	79.4
RV2017-0504	108	0.05	<2	0.16	<5	11.7	<10	88.3
RV2017-0505	4	<0.01	<2	<0.01	<5	<0.5	<10	2.7
RV2017-0506	140	0.04	7	0.58	<5	8.5	<10	78.9
RV2017-0507	141	0.04	6	0.73	<5	6.3	<10	67.8
RV2017-0508	83	0.05	3	0.22	<5	11.4	<10	102
RV2017-0509	82	0.05	2	0.14	<5	12.0	<10	108
RV2017-0510	74	0.05	2	0.15	<5	13.6	<10	155
RV2017-0511	88	0.07	4	0.20	<5	10.7	<10	90.2
RV2017-0512	153	0.08	4	0.22	<5	8.6	<10	81.0
RV2017-0513	167	0.04	5	0.35	<5	6.9	<10	61.5
RV2017-0514	110	0.06	7	0.45	<5	8.3	<10	68.1
RV2017-0515	113	0.03	6	0.21	<5	7.3	<10	57.6
RV2017-0516	84	0.10	3	0.38	<5	7.4	<10	74.1
*Dup RV2017-0516	83	0.10	3	0.37	<5	7.3	<10	74.1
RV2017-0517	128	0.05	4	0.38	<5	5.6	<10	67.8
RV2017-0518	144	0.08	4	0.34	<5	6.4	<10	59.2
RV2017-0519	181	0.02	4	0.24	<5	8.8	<10	88.3
RV2017-0520	241	0.04	6	0.31	<5	9.2	<10	74.0
RV2017-0521	91	0.04	6	0.13	<5	11.1	<10	85.4

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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
RV2017-0522	117	0.02	4	0.05	<5	8.4	<10	63.5
RV2017-0523	128	0.01	4	0.09	<5	9.5	<10	78.8
RV2017-0524	126	0.02	<2	0.08	<5	14.0	<10	43.2
RV2017-0525	325	<0.01	3	0.35	<5	6.9	<10	24.8
RV2017-0526	86	0.02	<2	0.07	<5	10.7	<10	60.6
RV2017-0527	42	0.02	6	0.16	<5	3.0	<10	23.8
RV2017-0528	44	0.02	7	0.33	<5	2.1	<10	5.0
RV2017-0529	50	0.04	7	0.06	<5	6.4	<10	7.3
RV2017-0530	170	0.02	3	0.71	<5	9.3	<10	46.2
RV2017-0531	100	0.02	3	0.07	<5	12.5	<10	104
RV2017-0532	58	0.02	4	0.08	<5	9.8	<10	95.3
RV2017-0533	58	0.02	3	0.03	<5	7.9	<10	94.5
RV2017-0534	71	0.07	6	0.02	<5	5.6	<10	68.8
RV2017-0535	47	0.02	3	0.01	<5	4.9	<10	56.8
RV2017-0536	36	0.02	<2	<0.01	<5	4.9	<10	76.0
RV2017-0537	37	0.02	4	0.02	<5	4.9	<10	77.8
RV2017-0538	33	0.02	3	0.02	<5	6.6	<10	106
RV2017-0539	58	0.02	3	0.05	<5	10.3	<10	62.1
RV2017-0540	80	0.03	2	0.09	<5	14.2	<10	61.8
RV2017-0541	79	0.03	3	0.10	<5	11.5	<10	60.1
RV2017-0542	87	0.08	2	0.03	<5	7.6	<10	93.0
RV2017-0543	122	0.01	3	0.01	<5	5.2	<10	138
RV2017-0544	60	0.04	8	0.25	<5	1.9	<10	10.9
RV2017-0545	4	<0.01	<2	<0.01	<5	<0.5	<10	2.7
RV2017-0546	45	0.02	5	0.21	<5	1.0	<10	7.1
RV2017-0547	41	0.03	5	0.25	<5	1.0	<10	6.5
RV2017-0548	35	0.02	4	0.17	<5	0.8	<10	5.7
RV2017-0549	40	0.03	5	0.27	<5	0.9	<10	6.8
RV2017-0550	27	0.02	5	0.15	<5	0.7	<10	6.4
RV2017-0551	28	0.02	4	0.17	<5	0.7	<10	6.2
RV2017-0552	33	0.02	5	0.20	<5	0.7	<10	6.7
*Rep RV2017-0513	172	0.04	4	0.36	<5	6.9	<10	61.0
*Rep RV2017-0519	186	0.03	4	0.26	<5	9.2	<10	92.9

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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
RV2017-0483	0.16	40	<10	5.9	63	3.7
RV2017-0484	0.07	10	<10	4.4	17	2.8
RV2017-0485	0.06	37	<10	1.8	55	1.7
RV2017-0486	0.06	13	<10	12.6	16	7.1
RV2017-0487	0.10	23	<10	13.3	48	7.4
RV2017-0488	0.03	3	<10	10.1	22	8.9
RV2017-0489	0.05	5	<10	6.1	23	3.4
RV2017-0490	0.04	4	<10	8.0	12	5.0
RV2017-0491	0.19	56	<10	9.9	83	5.3
RV2017-0492	0.25	90	<10	10.2	104	2.8
RV2017-0493	0.21	98	<10	6.1	119	1.0
RV2017-0494	0.04	12	<10	6.7	30	9.8
RV2017-0495	0.12	34	<10	9.8	46	6.9
RV2017-0496	0.06	12	<10	9.8	21	5.6
RV2017-0497	0.04	8	<10	3.7	16	3.4
RV2017-0498	0.05	7	<10	3.7	10	3.7
RV2017-0499	0.07	12	<10	3.3	19	3.5
RV2017-0500	0.06	15	<10	3.6	25	3.4
RV2017-0501	0.07	12	<10	3.7	21	2.9
RV2017-0502	0.05	11	<10	4.4	12	5.4
RV2017-0503	0.31	121	<10	6.5	42	2.7
RV2017-0504	0.31	116	<10	5.6	70	0.9
RV2017-0505	<0.01	1	<10	<0.5	1	0.7
RV2017-0506	0.18	73	<10	4.8	84	0.9
RV2017-0507	0.21	100	<10	3.1	71	0.9
RV2017-0508	0.28	108	<10	6.9	61	1.6
RV2017-0509	0.28	119	<10	5.8	67	0.7
RV2017-0510	0.30	124	<10	6.1	63	1.0
RV2017-0511	0.21	90	<10	6.4	84	1.4
RV2017-0512	0.16	61	<10	6.5	77	3.7
RV2017-0513	0.12	53	<10	4.3	78	1.2
RV2017-0514	0.20	73	<10	5.9	58	1.8
RV2017-0515	0.14	57	<10	4.7	171	2.3
RV2017-0516	0.23	89	<10	5.6	92	1.0
*Dup RV2017-0516	0.23	88	<10	5.6	95	0.9
RV2017-0517	0.17	71	<10	3.1	63	0.6
RV2017-0518	0.18	83	<10	3.7	100	0.7
RV2017-0519	0.19	78	<10	4.3	101	1.1
RV2017-0520	0.21	80	<10	5.2	81	1.9
RV2017-0521	0.28	124	<10	5.8	68	1.1

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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
RV2017-0522	0.14	87	<10	4.8	65	2.9
RV2017-0523	0.11	56	<10	5.5	60	3.5
RV2017-0524	0.09	66	<10	12.7	27	11.1
RV2017-0525	0.05	31	<10	1.4	39	1.3
RV2017-0526	0.13	55	<10	7.9	44	4.6
RV2017-0527	0.06	14	<10	4.6	46	8.1
RV2017-0528	0.05	11	<10	6.5	45	14.9
RV2017-0529	0.14	37	<10	9.1	94	13.5
RV2017-0530	0.11	69	<10	5.8	76	1.0
RV2017-0531	0.20	91	<10	5.9	78	2.6
RV2017-0532	0.17	69	<10	4.8	49	2.9
RV2017-0533	0.21	65	<10	3.4	48	1.5
RV2017-0534	0.12	45	<10	3.5	68	0.8
RV2017-0535	0.20	45	<10	2.7	55	1.2
RV2017-0536	0.24	73	<10	2.7	44	1.6
RV2017-0537	0.19	56	<10	2.5	48	1.2
RV2017-0538	0.18	60	<10	3.1	43	1.7
RV2017-0539	0.25	92	<10	5.0	74	2.4
RV2017-0540	0.24	105	<10	8.3	81	6.3
RV2017-0541	0.20	77	<10	9.7	76	10.5
RV2017-0542	0.27	51	<10	12.5	87	3.9
RV2017-0543	0.15	45	<10	3.2	77	1.6
RV2017-0544	0.06	16	<10	7.6	30	19.4
RV2017-0545	<0.01	<1	<10	<0.5	<1	1.6
RV2017-0546	0.05	10	<10	3.7	22	10.3
RV2017-0547	0.05	9	<10	3.6	22	9.7
RV2017-0548	0.05	8	<10	3.6	49	9.0
RV2017-0549	0.04	8	<10	3.9	40	9.4
RV2017-0550	0.04	8	<10	10.2	41	7.3
RV2017-0551	0.04	6	<10	6.2	54	7.1
RV2017-0552	0.03	7	<10	2.9	17	9.2
*Rep RV2017-0513	0.12	54	<10	4.4	79	1.2
*Rep RV2017-0519	0.20	80	<10	4.6	101	1.1

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