Certificate of Analysis
Work Order : SU1700716
[Report File No.: 0000011479]

Date: August 23, 2017

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

P.O. No.: RV2017-001 RV2017-0070
Project No.: RIVER VALLEY PGM
Samples: 70
Received: Aug 2, 2017
Pages: Page 1 to 11
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
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

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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
RV2017-0001	2.423	2	<10	3	<2	3.88	<3	213
RV2017-0002	2.113	2	<10	2	<2	4.07	<3	313
RV2017-0003	2.292	2	<10	2	<2	2.78	<3	397
RV2017-0004	2.108	2	<10	2	<2	3.24	<3	575
RV2017-0005	0.063	89	430	1426	<2	2.36	<3	76
RV2017-0006	2.410	5	<10	<1	<2	1.71	<3	241
RV2017-0007	1.595	2	<10	<1	<2	1.01	<3	106
RV2017-0008	2.174	2	<10	<1	<2	1.98	<3	223
RV2017-0009	1.660	2	<10	<1	<2	0.77	<3	76
RV2017-0010	1.582	1	<10	<1	<2	0.60	<3	71
RV2017-0011	2.125	1	<10	<1	<2	1.47	<3	113
RV2017-0012	1.937	2	<10	<1	<2	0.57	<3	54
RV2017-0013	1.729	2	<10	<1	<2	0.79	<3	76
RV2017-0014	1.896	2	<10	<1	<2	1.33	<3	123
RV2017-0015	1.729	2	<10	<1	<2	1.15	<3	120
RV2017-0016	2.230	2	<10	<1	<2	1.72	<3	148
RV2017-0017	2.184	2	<10	<1	<2	1.46	<3	154
RV2017-0018	1.879	2	<10	<1	<2	1.01	<3	52
RV2017-0019	1.782	3	<10	2	<2	1.63	<3	54
RV2017-0020	1.707	3	<10	<1	<2	1.64	4	39
RV2017-0021	1.896	7	40	82	<2	2.90	<3	28
RV2017-0022	2.203	8	37	39	<2	2.85	<3	19
RV2017-0023	2.213	12	33	32	<2	3.56	<3	26
RV2017-0024	2.150	11	49	36	<2	3.81	3	24
RV2017-0025	1.458	2	<10	<1	<2	0.06	<3	11
RV2017-0026	2.069	7	35	26	<2	3.27	4	19
RV2017-0027	2.421	10	43	40	<2	3.36	<3	24
RV2017-0028	2.121	10	46	44	<2	2.44	<3	19
RV2017-0029	2.308	13	32	45	<2	2.77	3	23
RV2017-0030	2.208	8	22	30	<2	2.25	<3	26
RV2017-0031	2.176	7	20	22	<2	2.26	<3	23
RV2017-0032	2.276	9	23	31	<2	2.51	9	15
RV2017-0033	1.942	5	13	11	<2	2.38	3	13
RV2017-0034	2.362	10	12	20	<2	2.98	<3	19
*Dup RV2017-0034	<0.001	11	16	19	<2	3.10	<3	22
RV2017-0035	1.748	16	20	20	<2	3.06	<3	22
RV2017-0036	2.544	14	18	17	<2	2.79	<3	15
RV2017-0037	2.179	26	36	27	<2	3.43	3	15
RV2017-0038	2.090	19	26	29	<2	3.98	6	56
RV2017-0039	2.109	6	<10	10	<2	1.91	<3	47

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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
RV2017-0040	1.567	11	<10	<1	<2	1.19	5	68
RV2017-0041	2.186	16	<10	<1	<2	1.06	6	68
RV2017-0042	1.906	14	<10	<1	<2	0.76	<3	57
RV2017-0043	1.996	10	<10	<1	<2	0.62	3	46
RV2017-0044	2.609	3	<10	<1	<2	0.68	3	48
RV2017-0045	0.062	55	250	606	<2	1.80	<3	62
RV2017-0046	1.777	6	<10	<1	<2	0.63	<3	42
RV2017-0047	1.852	5	<10	<1	<2	0.55	<3	46
RV2017-0048	1.999	4	<10	<1	<2	0.62	<3	52
RV2017-0049	1.870	8	<10	<1	<2	0.47	5	50
RV2017-0050	2.049	4	<10	<1	<2	0.45	<3	54
RV2017-0051	2.058	3	<10	<1	<2	0.40	<3	45
RV2017-0052	2.049	17	<10	<1	<2	0.33	4	39
RV2017-0053	1.852	5	<10	<1	<2	0.79	3	74
RV2017-0054	2.103	7	<10	1	<2	1.18	<3	118
RV2017-0055	1.628	10	<10	<1	<2	1.24	3	143
RV2017-0056	2.074	7	<10	<1	<2	1.09	<3	177
RV2017-0057	1.815	18	<10	<1	<2	0.38	5	86
RV2017-0058	1.936	6	<10	<1	<2	0.72	<3	96
RV2017-0059	1.911	8	<10	<1	<2	0.70	5	87
RV2017-0060	1.998	11	<10	<1	<2	0.73	<3	85
RV2017-0061	1.607	4	<10	<1	<2	0.79	<3	90
RV2017-0062	2.396	2	<10	2	<2	3.12	<3	670
RV2017-0063	2.172	2	<10	<1	<2	2.69	<3	558
RV2017-0064	1.116	3	<10	2	<2	3.77	<3	758
RV2017-0065	0.612	2	<10	<1	<2	0.05	<3	10
RV2017-0066	2.283	2	<10	<1	<2	3.23	<3	702
RV2017-0067	2.317	4	<10	<1	<2	0.92	<3	329
RV2017-0068	2.193	2	<10	1	<2	2.07	<3	481
RV2017-0069	2.055	2	<10	3	<2	4.32	<3	885
RV2017-0070	1.347	3	<10	1	<2	3.01	<3	562
*Rep RV2017-0003		2	<10	2				
*Rep RV2017-0062		3	<10	2				
*Rep RV2017-0018					<2	1.00	<3	52
*Rep RV2017-0061					<2	0.80	<3	88

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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	%
RV2017-0001	<0.5	<5	0.48	<1	34	277	70.6	5.45
RV2017-0002	<0.5	<5	0.50	<1	36	246	55.9	5.79
RV2017-0003	<0.5	<5	0.44	1	23	194	67.6	3.98
RV2017-0004	<0.5	<5	0.39	<1	32	252	86.9	4.71
RV2017-0005	<0.5	<5	1.10	<1	44	126	1337	2.78
RV2017-0006	<0.5	<5	0.29	<1	14	88	58.6	2.51
RV2017-0007	<0.5	<5	0.31	<1	6	26	30.0	1.52
RV2017-0008	<0.5	<5	0.43	<1	15	52	32.2	2.92
RV2017-0009	<0.5	<5	0.31	<1	4	17	10.1	1.08
RV2017-0010	<0.5	<5	0.33	<1	3	17	14.6	0.77
RV2017-0011	<0.5	<5	0.43	<1	8	45	12.1	2.04
RV2017-0012	<0.5	<5	0.23	<1	3	21	6.4	0.84
RV2017-0013	<0.5	<5	0.25	<1	4	22	10.2	1.11
RV2017-0014	<0.5	<5	0.41	<1	7	26	15.3	1.79
RV2017-0015	<0.5	<5	0.25	<1	7	24	5.6	1.71
RV2017-0016	<0.5	<5	0.31	<1	11	107	13.6	2.46
RV2017-0017	<0.5	<5	0.33	<1	8	76	14.1	1.99
RV2017-0018	<0.5	<5	0.31	<1	6	36	18.3	1.55
RV2017-0019	<0.5	<5	0.39	<1	12	81	20.2	2.50
RV2017-0020	<0.5	<5	0.91	<1	11	93	16.2	2.46
RV2017-0021	<0.5	<5	0.93	<1	30	183	118	3.85
RV2017-0022	<0.5	<5	1.06	<1	26	48	77.6	3.25
RV2017-0023	<0.5	<5	1.45	<1	31	68	291	3.67
RV2017-0024	<0.5	<5	1.73	<1	30	69	145	3.55
RV2017-0025	<0.5	<5	0.01	<1	<1	51	3.5	0.35
RV2017-0026	<0.5	<5	1.25	<1	30	40	93.2	3.21
RV2017-0027	<0.5	<5	1.16	<1	35	33	94.2	3.53
RV2017-0028	<0.5	<5	1.14	<1	20	42	76.3	2.31
RV2017-0029	<0.5	<5	0.99	<1	26	48	128	2.93
RV2017-0030	<0.5	<5	0.99	<1	19	32	81.5	2.23
RV2017-0031	<0.5	<5	1.08	<1	19	36	65.9	2.25
RV2017-0032	<0.5	<5	1.05	<1	28	37	123	2.69
RV2017-0033	<0.5	<5	0.87	<1	21	72	66.9	2.85
RV2017-0034	<0.5	<5	1.00	<1	24	41	66.1	3.48
*Dup RV2017-0034	<0.5	<5	1.09	<1	26	44	66.4	3.54
RV2017-0035	<0.5	<5	1.16	<1	25	30	90.6	3.35
RV2017-0036	<0.5	<5	1.09	<1	23	38	143	3.16
RV2017-0037	<0.5	<5	1.34	<1	27	37	74.7	3.94
RV2017-0038	<0.5	<5	1.38	<1	29	49	66.8	4.46
RV2017-0039	<0.5	<5	0.60	<1	17	52	35.3	2.30

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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	%
RV2017-0040	<0.5	<5	0.17	<1	13	53	56.7	1.86
RV2017-0041	<0.5	<5	0.15	<1	12	50	37.8	1.56
RV2017-0042	<0.5	<5	0.22	<1	9	38	36.5	1.16
RV2017-0043	<0.5	<5	0.15	<1	7	44	23.9	0.99
RV2017-0044	<0.5	<5	0.20	<1	8	45	22.3	1.08
RV2017-0045	<0.5	<5	0.77	<1	45	134	1304	2.70
RV2017-0046	<0.5	<5	0.15	<1	8	50	22.3	1.11
RV2017-0047	<0.5	<5	0.13	1	12	47	35.4	1.12
RV2017-0048	<0.5	<5	0.27	<1	8	35	43.8	1.00
RV2017-0049	<0.5	<5	0.21	<1	7	38	53.8	0.79
RV2017-0050	<0.5	<5	0.24	<1	7	45	37.4	0.78
RV2017-0051	<0.5	<5	0.20	<1	8	39	12.5	0.83
RV2017-0052	<0.5	<5	0.22	<1	8	61	22.1	0.82
RV2017-0053	<0.5	<5	0.17	<1	18	50	28.5	1.31
RV2017-0054	<0.5	<5	0.23	<1	16	60	71.7	1.63
RV2017-0055	<0.5	<5	0.16	<1	13	51	124	1.86
RV2017-0056	<0.5	<5	0.21	<1	14	52	81.4	1.62
RV2017-0057	<0.5	<5	0.39	<1	9	36	59.9	0.81
RV2017-0058	<0.5	<5	0.24	<1	9	42	59.1	1.06
RV2017-0059	<0.5	<5	0.32	<1	12	44	65.9	1.20
RV2017-0060	<0.5	<5	0.23	<1	10	44	74.7	1.17
RV2017-0061	<0.5	<5	0.18	<1	8	43	45.5	1.37
RV2017-0062	<0.5	<5	0.43	<1	38	272	115	4.82
RV2017-0063	<0.5	<5	0.56	<1	17	126	40.4	3.61
RV2017-0064	0.7	<5	0.63	<1	30	188	49.2	5.16
RV2017-0065	<0.5	<5	<0.01	<1	<1	27	2.9	0.33
RV2017-0066	0.6	<5	0.78	<1	21	440	14.7	4.21
RV2017-0067	<0.5	<5	0.28	<1	11	23	74.8	1.16
RV2017-0068	<0.5	<5	0.28	<1	17	87	33.6	2.76
RV2017-0069	<0.5	<5	0.42	<1	41	312	71.5	6.06
RV2017-0070	<0.5	<5	0.72	<1	26	290	26.2	3.82
*Rep RV2017-0018	<0.5	<5	0.31	<1	6	37	18.5	1.61
*Rep RV2017-0061	<0.5	<5	0.18	<1	8	41	45.2	1.36

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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	%
RV2017-0001	<1	0.93	17.0	39	3.25	639	1	0.09
RV2017-0002	<1	1.15	15.4	40	3.51	665	1	0.08
RV2017-0003	<1	1.41	15.3	32	2.29	467	1	0.08
RV2017-0004	<1	2.14	11.2	34	2.61	531	2	0.06
RV2017-0005	<1	0.22	4.8	10	2.06	218	<1	0.23
RV2017-0006	<1	0.97	23.8	18	1.29	293	1	0.09
RV2017-0007	<1	0.38	19.9	12	0.73	195	1	0.08
RV2017-0008	<1	1.09	26.7	21	1.47	345	1	0.07
RV2017-0009	<1	0.38	33.5	9	0.47	136	2	0.06
RV2017-0010	<1	0.31	24.2	9	0.30	110	2	0.07
RV2017-0011	<1	0.98	26.9	17	1.05	290	2	0.07
RV2017-0012	<1	0.31	28.9	7	0.28	110	4	0.06
RV2017-0013	<1	0.44	21.6	9	0.42	134	1	0.07
RV2017-0014	<1	0.69	27.6	15	0.85	231	1	0.08
RV2017-0015	<1	0.60	25.9	12	0.79	207	1	0.09
RV2017-0016	<1	0.76	20.3	25	1.60	282	1	0.08
RV2017-0017	<1	0.63	24.3	21	1.20	269	2	0.10
RV2017-0018	<1	0.34	25.5	13	0.68	204	1	0.09
RV2017-0019	<1	0.61	30.6	21	1.45	327	2	0.11
RV2017-0020	<1	0.39	37.7	21	1.61	389	2	0.10
RV2017-0021	<1	0.23	11.6	31	2.47	583	1	0.18
RV2017-0022	<1	0.24	1.8	31	2.03	440	1	0.19
RV2017-0023	<1	0.33	4.0	47	2.66	478	<1	0.26
RV2017-0024	<1	0.28	1.3	34	2.46	500	<1	0.11
RV2017-0025	<1	0.02	2.4	<1	<0.01	36	4	0.02
RV2017-0026	<1	0.12	1.5	41	2.53	472	<1	0.06
RV2017-0027	<1	0.09	0.8	45	2.73	504	<1	0.05
RV2017-0028	<1	0.07	0.9	28	1.72	330	<1	0.06
RV2017-0029	<1	0.09	0.6	35	2.18	415	<1	0.05
RV2017-0030	<1	0.08	0.9	25	1.53	323	<1	0.06
RV2017-0031	<1	0.07	1.0	23	1.50	322	<1	0.06
RV2017-0032	<1	0.05	1.0	28	1.80	387	<1	0.05
RV2017-0033	<1	0.05	4.5	30	1.90	410	1	0.05
RV2017-0034	<1	0.10	5.3	45	2.36	476	<1	0.06
*Dup RV2017-0034	<1	0.11	5.6	46	2.40	485	<1	0.06
RV2017-0035	<1	0.10	1.5	37	2.20	470	<1	0.07
RV2017-0036	<1	0.07	1.3	34	2.03	434	<1	0.06
RV2017-0037	<1	0.11	1.1	42	2.44	534	<1	0.07
RV2017-0038	<1	0.58	2.4	47	2.55	549	<1	0.15
RV2017-0039	<1	0.48	7.5	24	1.11	261	2	0.10

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Final : SU1700716 Order: RV2017-001 RV2017-0070

Report File No.: 0000011479

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	%
RV2017-0040	<1	0.48	9.7	21	0.71	221	3	0.04
RV2017-0041	<1	0.57	6.7	16	0.61	185	3	0.04
RV2017-0042	<1	0.43	6.3	10	0.38	140	3	0.04
RV2017-0043	<1	0.32	6.0	10	0.38	120	3	0.04
RV2017-0044	<1	0.33	5.8	11	0.42	129	3	0.04
RV2017-0045	<1	0.17	2.7	8	2.17	226	<1	0.13
RV2017-0046	<1	0.21	5.6	13	0.45	150	3	0.04
RV2017-0047	<1	0.24	5.0	11	0.39	135	3	0.03
RV2017-0048	<1	0.33	5.4	10	0.40	128	2	0.03
RV2017-0049	<1	0.25	4.7	7	0.30	98	5	0.03
RV2017-0050	<1	0.23	5.1	8	0.30	87	3	0.04
RV2017-0051	<1	0.18	4.3	6	0.28	96	3	0.04
RV2017-0052	<1	0.13	4.0	5	0.23	102	5	0.03
RV2017-0053	<1	0.32	5.2	13	0.52	174	3	0.04
RV2017-0054	<1	0.67	10.1	18	0.63	206	6	0.04
RV2017-0055	<1	0.74	15.8	18	0.78	249	6	0.04
RV2017-0056	<1	0.71	15.7	15	0.62	209	7	0.04
RV2017-0057	<1	0.17	5.6	5	0.24	103	14	0.04
RV2017-0058	<1	0.42	4.3	10	0.43	134	6	0.04
RV2017-0059	<1	0.38	7.5	10	0.44	164	3	0.04
RV2017-0060	<1	0.39	5.2	12	0.47	176	3	0.04
RV2017-0061	<1	0.36	4.0	15	0.55	234	2	0.04
RV2017-0062	<1	1.38	20.0	31	2.56	503	3	0.09
RV2017-0063	<1	1.46	22.5	32	2.36	394	1	0.09
RV2017-0064	<1	1.98	19.4	51	3.58	571	1	0.07
RV2017-0065	<1	0.02	1.8	<1	<0.01	35	2	0.02
RV2017-0066	<1	1.79	22.1	50	3.65	404	2	0.08
RV2017-0067	<1	0.36	19.1	14	0.64	127	<1	0.11
RV2017-0068	<1	0.57	18.7	24	1.67	357	<1	0.09
RV2017-0069	<1	1.74	9.4	46	3.84	749	2	0.06
RV2017-0070	<1	1.65	16.5	34	3.15	494	2	0.06
*Rep RV2017-0018	<1	0.34	25.7	13	0.68	204	2	0.09
*Rep RV2017-0061	<1	0.35	4.0	15	0.54	231	3	0.04

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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
RV2017-0001	134	0.04	4	0.34	<5	7.3	<10	79.3
RV2017-0002	140	0.04	3	0.34	<5	4.7	<10	74.1
RV2017-0003	75	0.07	34	0.33	<5	3.9	<10	63.6
RV2017-0004	95	0.08	8	0.55	<5	4.0	<10	58.3
RV2017-0005	334	0.01	3	0.40	<5	4.8	<10	41.0
RV2017-0006	34	0.05	12	0.22	<5	2.7	<10	41.5
RV2017-0007	12	0.04	7	0.06	<5	1.3	<10	38.9
RV2017-0008	31	0.09	2	0.15	<5	2.9	<10	58.3
RV2017-0009	6	0.03	4	0.05	<5	1.1	<10	49.1
RV2017-0010	5	0.04	9	0.03	<5	0.9	<10	49.3
RV2017-0011	24	0.05	7	0.06	<5	2.2	<10	49.7
RV2017-0012	4	0.02	13	0.02	<5	0.9	<10	41.8
RV2017-0013	5	0.04	4	0.03	<5	0.7	<10	51.0
RV2017-0014	8	0.06	2	0.03	<5	2.1	<10	72.7
RV2017-0015	7	0.04	<2	0.03	<5	2.0	<10	33.7
RV2017-0016	29	0.04	<2	0.03	<5	3.8	<10	42.7
RV2017-0017	32	0.04	<2	0.02	<5	2.8	<10	45.9
RV2017-0018	13	0.04	<2	0.04	<5	2.4	<10	39.1
RV2017-0019	32	0.05	3	0.08	<5	5.4	<10	45.7
RV2017-0020	30	0.08	6	<0.01	<5	5.1	<10	56.2
RV2017-0021	108	0.04	4	0.14	<5	7.1	<10	55.5
RV2017-0022	54	0.02	3	0.08	<5	4.9	<10	47.5
RV2017-0023	56	0.01	<2	0.07	<5	7.6	<10	69.0
RV2017-0024	58	<0.01	<2	0.03	<5	5.4	<10	91.2
RV2017-0025	3	<0.01	<2	<0.01	<5	<0.5	<10	4.0
RV2017-0026	59	0.01	<2	0.01	<5	4.0	<10	68.6
RV2017-0027	79	<0.01	<2	0.01	<5	3.0	<10	63.3
RV2017-0028	37	<0.01	<2	0.01	<5	3.7	<10	63.3
RV2017-0029	53	<0.01	<2	0.02	<5	3.7	<10	52.8
RV2017-0030	34	0.01	<2	0.01	<5	3.0	<10	50.0
RV2017-0031	30	0.01	<2	<0.01	<5	3.4	<10	53.8
RV2017-0032	46	0.01	<2	0.02	<5	3.1	<10	53.3
RV2017-0033	44	0.03	<2	0.01	<5	4.0	<10	46.7
RV2017-0034	47	0.02	<2	0.02	<5	4.5	<10	50.7
*Dup RV2017-0034	49	0.02	<2	0.02	<5	4.8	<10	54.9
RV2017-0035	37	0.01	<2	0.01	<5	4.6	<10	58.5
RV2017-0036	35	0.01	<2	0.02	<5	3.9	<10	54.4
RV2017-0037	52	0.01	<2	0.02	<5	4.7	<10	65.5
RV2017-0038	60	0.01	3	0.07	<5	7.0	<10	86.7
RV2017-0039	34	0.01	13	0.14	<5	4.3	<10	39.3

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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
RV2017-0040	34	0.02	22	0.18	<5	2.8	<10	11.4
RV2017-0041	32	0.01	23	0.17	<5	2.4	<10	14.2
RV2017-0042	26	<0.01	9	0.16	<5	1.8	<10	14.4
RV2017-0043	22	<0.01	13	0.08	<5	1.6	<10	12.9
RV2017-0044	24	0.01	14	0.11	<5	1.9	<10	14.6
RV2017-0045	293	<0.01	<2	0.37	<5	5.0	<10	21.3
RV2017-0046	23	<0.01	21	0.14	<5	1.9	<10	15.1
RV2017-0047	27	<0.01	43	0.21	<5	1.7	<10	12.9
RV2017-0048	27	<0.01	10	0.14	<5	1.7	<10	18.2
RV2017-0049	40	<0.01	12	0.08	<5	1.5	<10	23.5
RV2017-0050	27	<0.01	12	0.13	<5	1.8	<10	30.9
RV2017-0051	20	<0.01	13	0.15	<5	1.6	<10	21.3
RV2017-0052	16	<0.01	11	0.15	<5	1.5	<10	21.6
RV2017-0053	28	0.01	6	0.22	<5	2.2	<10	20.1
RV2017-0054	36	0.02	5	0.24	<5	3.0	<10	24.9
RV2017-0055	42	0.02	3	0.18	<5	2.5	<10	19.8
RV2017-0056	45	0.01	5	0.23	<5	2.5	<10	26.9
RV2017-0057	27	<0.01	3	0.17	<5	1.3	<10	40.5
RV2017-0058	30	<0.01	3	0.16	<5	2.0	<10	25.1
RV2017-0059	34	0.01	7	0.25	<5	2.0	<10	24.0
RV2017-0060	37	0.01	6	0.16	<5	2.0	<10	21.2
RV2017-0061	36	0.01	4	0.11	<5	1.9	<10	13.3
RV2017-0062	120	0.06	10	0.64	<5	5.4	<10	78.4
RV2017-0063	60	0.13	<2	0.13	<5	4.0	<10	65.8
RV2017-0064	99	0.13	<2	0.30	<5	5.7	<10	61.3
RV2017-0065	3	<0.01	<2	<0.01	<5	<0.5	<10	2.9
RV2017-0066	102	0.19	<2	0.07	<5	8.9	<10	68.5
RV2017-0067	11	0.02	2	0.23	<5	0.9	<10	57.3
RV2017-0068	57	0.02	<2	0.06	<5	2.6	<10	48.6
RV2017-0069	176	0.04	<2	0.24	<5	5.7	<10	35.2
RV2017-0070	160	0.17	<2	0.05	<5	3.7	<10	71.4
*Rep RV2017-0018	14	0.04	<2	0.04	<5	2.3	<10	39.0
*Rep RV2017-0061	36	0.01	4	0.11	<5	1.9	<10	13.2

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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
RV2017-0001	0.19	112	<10	4.5	109	2.2
RV2017-0002	0.19	107	<10	3.7	122	2.3
RV2017-0003	0.18	78	<10	4.9	337	1.9
RV2017-0004	0.21	87	<10	5.4	95	1.8
RV2017-0005	0.04	37	<10	1.5	47	1.8
RV2017-0006	0.12	43	<10	4.7	79	2.7
RV2017-0007	0.07	19	<10	3.2	31	3.2
RV2017-0008	0.13	38	<10	5.6	44	2.8
RV2017-0009	0.05	16	<10	4.7	13	3.2
RV2017-0010	0.05	8	<10	3.3	19	2.8
RV2017-0011	0.11	24	<10	3.4	54	4.0
RV2017-0012	0.04	6	<10	3.7	23	3.6
RV2017-0013	0.06	9	<10	2.5	16	2.2
RV2017-0014	0.10	26	<10	4.2	26	3.7
RV2017-0015	0.08	26	<10	4.5	22	3.5
RV2017-0016	0.09	44	<10	3.7	26	2.9
RV2017-0017	0.09	27	<10	3.6	22	5.1
RV2017-0018	0.08	24	<10	4.3	15	5.8
RV2017-0019	0.12	44	<10	6.7	39	12.6
RV2017-0020	0.14	51	<10	7.5	50	12.1
RV2017-0021	0.15	82	<10	4.0	90	2.9
RV2017-0022	0.09	49	<10	2.3	52	2.2
RV2017-0023	0.10	62	<10	4.2	47	2.8
RV2017-0024	0.09	46	<10	2.3	53	1.8
RV2017-0025	<0.01	<1	<10	<0.5	<1	1.9
RV2017-0026	0.09	38	<10	1.9	46	1.6
RV2017-0027	0.07	30	<10	1.5	49	1.4
RV2017-0028	0.08	33	<10	1.6	31	1.3
RV2017-0029	0.06	30	<10	1.3	42	1.4
RV2017-0030	0.07	28	<10	1.4	31	1.3
RV2017-0031	0.10	36	<10	1.6	32	1.3
RV2017-0032	0.08	32	<10	1.6	39	1.5
RV2017-0033	0.11	39	<10	3.1	42	2.3
RV2017-0034	0.11	46	<10	4.1	45	2.1
*Dup RV2017-0034	0.12	49	<10	4.4	47	2.0
RV2017-0035	0.13	54	<10	2.3	45	1.8
RV2017-0036	0.09	42	<10	2.0	41	1.4
RV2017-0037	0.08	45	<10	1.8	46	1.5
RV2017-0038	0.10	59	<10	3.3	62	3.4
RV2017-0039	0.09	33	<10	6.0	89	8.9

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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
RV2017-0040	0.06	20	<10	6.9	176	14.5
RV2017-0041	0.06	17	<10	4.8	210	8.6
RV2017-0042	0.05	12	<10	4.8	44	8.1
RV2017-0043	0.03	11	<10	3.9	78	6.2
RV2017-0044	0.03	13	<10	4.0	67	7.0
RV2017-0045	0.04	29	<10	1.0	34	1.5
RV2017-0046	0.03	13	<10	3.9	125	5.7
RV2017-0047	0.03	11	<10	3.5	285	8.0
RV2017-0048	0.04	11	<10	3.9	39	6.5
RV2017-0049	0.04	9	<10	3.5	48	5.6
RV2017-0050	0.04	11	<10	3.5	50	5.3
RV2017-0051	0.03	10	<10	3.0	44	4.2
RV2017-0052	0.03	9	<10	3.6	38	4.4
RV2017-0053	0.04	17	<10	3.1	29	6.0
RV2017-0054	0.10	20	<10	5.5	48	14.6
RV2017-0055	0.08	19	<10	6.1	42	15.8
RV2017-0056	0.09	16	<10	5.9	48	14.1
RV2017-0057	0.02	8	<10	4.8	6	6.1
RV2017-0058	0.04	13	<10	4.1	11	9.6
RV2017-0059	0.05	13	<10	4.3	24	6.7
RV2017-0060	0.06	15	<10	4.4	41	9.6
RV2017-0061	0.05	15	<10	3.1	55	9.1
RV2017-0062	0.21	98	<10	6.5	102	1.7
RV2017-0063	0.17	68	<10	6.2	57	2.5
RV2017-0064	0.23	103	<10	7.9	85	2.9
RV2017-0065	<0.01	<1	<10	<0.5	2	1.1
RV2017-0066	0.22	92	<10	8.2	71	4.3
RV2017-0067	0.05	9	<10	1.8	21	1.0
RV2017-0068	0.09	45	<10	2.4	52	0.9
RV2017-0069	0.18	126	<10	4.3	114	1.4
RV2017-0070	0.16	66	<10	4.8	82	3.4
*Rep RV2017-0018	0.08	24	<10	4.3	17	6.1
*Rep RV2017-0061	0.05	15	<10	3.1	52	9.2

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