Certificate of Analysis
Work Order : SU1700717
[Report File No.: 0000011507]

Date: August 25, 2017

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

P.O. No.: RV2017-0071-0140
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	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
RV2017-0071	1.920	5	<10	<1	<2	0.92	<3	83
RV2017-0072	2.964	2	<10	<1	<2	0.61	<3	51
RV2017-0073	1.806	2	<10	<1	<2	0.77	<3	61
RV2017-0074	2.176	3	<10	3	<2	2.40	<3	163
RV2017-0075	2.164	2	<10	<1	<2	0.64	<3	52
RV2017-0076	1.836	2	<10	<1	<2	1.07	<3	120
RV2017-0077	1.899	2	<10	<1	<2	1.19	<3	154
RV2017-0078	2.202	3	<10	2	<2	3.18	4	225
RV2017-0079	1.924	3	<10	<1	<2	0.89	<3	65
RV2017-0080	1.916	2	<10	<1	<2	2.00	<3	212
RV2017-0081	2.100	2	<10	1	<2	2.33	<3	97
RV2017-0082	1.991	3	<10	1	<2	1.08	<3	19
RV2017-0083	2.122	7	27	78	<2	2.53	<3	82
RV2017-0084	1.856	29	172	386	<2	2.53	<3	33
RV2017-0085	0.069	27	254	320	<2	3.81	<3	43
RV2017-0086	1.951	5	24	33	<2	3.98	<3	57
RV2017-0087	2.153	7	17	27	<2	3.90	11	33
RV2017-0088	2.336	4	32	26	<2	3.70	<3	18
RV2017-0089	1.666	3	22	23	<2	2.48	<3	9
RV2017-0090	4.547	5	25	17	<2	2.27	<3	6
RV2017-0091	0.868	3	18	16	<2	2.04	<3	<5
RV2017-0092	1.353	3	21	15	<2	2.87	<3	<5
RV2017-0093	2.254	5	28	26	<2	3.05	<3	7
RV2017-0094	2.252	8	39	38	<2	3.11	<3	10
RV2017-0095	2.008	12	66	64	<2	3.17	<3	9
RV2017-0096	2.034	15	54	61	<2	2.10	<3	<5
RV2017-0097	2.057	12	54	63	<2	2.70	<3	<5
RV2017-0098	2.037	14	45	63	<2	3.95	<3	6
RV2017-0099	2.287	35	55	58	<2	3.76	<3	<5
RV2017-0100	2.074	49	84	62	<2	3.83	<3	8
RV2017-0101	2.056	35	35	36	<2	3.45	<3	19
RV2017-0102	1.834	8	<10	2	<2	1.16	<3	59
RV2017-0103	1.986	3	<10	1	<2	1.01	<3	53
RV2017-0104	1.960	4	<10	<1	<2	0.89	<3	36
*Dup RV2017-0104	<0.001	3	<10	<1	<2	1.00	<3	46
RV2017-0105	1.366	2	<10	<1	<2	0.11	<3	<5
RV2017-0106	2.042	6	<10	2	<2	0.80	<3	42
RV2017-0107	1.961	3	22	15	<2	0.89	4	60
RV2017-0108	1.942	3	<10	<1	<2	0.65	<3	42
RV2017-0109	1.881	4	<10	<1	<2	0.67	<3	49

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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
RV2017-0110	2.057	6	<10	<1	<2	0.98	5	58
RV2017-0111	1.804	5	<10	<1	<2	1.36	<3	127
RV2017-0112	2.530	6	<10	1	<2	1.05	10	92
RV2017-0113	1.702	6	<10	1	<2	1.09	<3	113
RV2017-0114	2.016	3	<10	1	<2	1.18	<3	108
RV2017-0115	1.939	2	<10	<1	<2	1.19	7	120
RV2017-0116	2.038	2	<10	<1	<2	0.81	10	88
RV2017-0117	2.131	2	<10	3	<2	1.04	7	89
RV2017-0118	2.390	7	<10	1	<2	1.45	8	134
RV2017-0119	2.251	3	<10	1	<2	1.00	10	66
RV2017-0120	1.614	18	<10	<1	<2	0.62	3	58
RV2017-0121	2.153	7	<10	<1	<2	0.62	5	56
RV2017-0122	2.169	5	<10	<1	<2	0.70	4	68
RV2017-0123	1.770	15	<10	<1	<2	0.28	4	29
RV2017-0124	1.805	3	<10	<1	<2	0.40	<3	45
RV2017-0125	0.065	81	513	1495	<2	2.38	<3	70
RV2017-0126	1.955	3	<10	3	<2	2.93	<3	406
RV2017-0127	1.329	3	<10	10	<2	3.77	<3	162
RV2017-0128	1.775	3	<10	9	<2	3.69	<3	226
RV2017-0129	1.682	3	<10	3	<2	3.33	<3	161
RV2017-0130	1.785	3	<10	4	<2	3.24	<3	386
RV2017-0131	1.687	3	<10	5	<2	2.72	<3	289
RV2017-0132	2.154	2	<10	3	<2	2.90	<3	444
RV2017-0133	1.733	3	<10	<1	<2	3.25	<3	260
RV2017-0134	2.028	4	<10	<1	<2	3.13	<3	412
RV2017-0135	1.954	2	<10	<1	<2	2.15	<3	275
RV2017-0136	1.875	2	<10	<1	<2	2.27	<3	551
RV2017-0137	1.885	2	<10	<1	<2	3.63	<3	809
RV2017-0138	1.933	2	<10	<1	<2	2.70	<3	463
RV2017-0139	2.017	2	<10	<1	<2	2.52	<3	444
RV2017-0140	1.959	2	<10	<1	<2	2.51	<3	585
*Rep RV2017-0092		3	21	15				
*Rep RV2017-0109		5	<10	<1				
*Std CDN-PGMS-28		199	1478	1781				
*Rep RV2017-0099					<2	3.70	<3	<5
*Rep RV2017-0114					<2	1.22	<3	117

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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	%
RV2017-0071	<0.5	<5	0.59	<1	5	49	9.8	1.31
RV2017-0072	<0.5	<5	0.40	<1	3	17	12.3	0.99
RV2017-0073	<0.5	<5	0.84	<1	4	19	13.0	1.23
RV2017-0074	<0.5	<5	0.55	<1	18	135	50.9	3.85
RV2017-0075	<0.5	<5	0.31	<1	3	15	19.5	0.91
RV2017-0076	<0.5	<5	0.54	<1	7	74	17.3	1.67
RV2017-0077	<0.5	<5	0.33	<1	9	20	29.8	1.81
RV2017-0078	<0.5	<5	0.75	<1	21	159	35.2	4.62
RV2017-0079	<0.5	<5	0.37	<1	5	32	40.6	1.24
RV2017-0080	<0.5	<5	0.31	<1	12	148	13.4	2.99
RV2017-0081	<0.5	<5	0.55	<1	16	124	12.5	3.53
RV2017-0082	<0.5	<5	0.21	<1	8	62	17.5	1.95
RV2017-0083	<0.5	<5	0.77	<1	29	189	183	4.44
RV2017-0084	<0.5	<5	1.43	<1	20	66	428	2.53
RV2017-0085	<0.5	<5	2.63	<1	38	96	193	3.85
RV2017-0086	<0.5	<5	2.23	<1	23	24	64.6	3.03
RV2017-0087	<0.5	<5	2.62	<1	34	45	86.8	4.35
RV2017-0088	<0.5	<5	1.99	<1	28	64	83.7	3.91
RV2017-0089	<0.5	<5	1.66	<1	17	85	22.1	2.62
RV2017-0090	<0.5	<5	1.55	<1	15	72	17.8	2.27
RV2017-0091	<0.5	<5	1.42	<1	13	72	22.0	2.02
RV2017-0092	<0.5	<5	1.61	<1	21	67	20.3	3.03
RV2017-0093	<0.5	<5	1.20	<1	28	54	38.7	3.72
RV2017-0094	<0.5	<5	1.46	<1	25	53	35.1	3.57
RV2017-0095	<0.5	<5	1.48	<1	26	40	44.8	3.82
RV2017-0096	<0.5	<5	1.62	<1	12	31	29.0	2.29
RV2017-0097	<0.5	<5	1.53	<1	22	67	177	3.34
RV2017-0098	<0.5	<5	1.68	<1	33	27	28.5	5.14
RV2017-0099	<0.5	<5	1.60	<1	30	38	31.5	4.91
RV2017-0100	<0.5	<5	1.58	<1	28	45	85.5	5.07
RV2017-0101	<0.5	<5	1.94	<1	21	51	78.3	4.29
RV2017-0102	0.6	<5	0.29	<1	9	56	20.1	1.70
RV2017-0103	0.6	<5	0.18	<1	8	45	28.7	1.55
RV2017-0104	<0.5	<5	0.21	<1	10	51	22.9	1.63
*Dup RV2017-0104	<0.5	<5	0.23	<1	10	51	24.2	1.71
RV2017-0105	<0.5	<5	0.01	<1	<1	34	3.7	0.38
RV2017-0106	<0.5	<5	0.23	<1	6	51	16.6	1.37
RV2017-0107	<0.5	<5	0.25	<1	8	70	12.9	1.38
RV2017-0108	<0.5	<5	0.15	<1	6	49	20.4	1.13
RV2017-0109	<0.5	<5	0.17	<1	8	61	36.4	1.35

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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	%
RV2017-0110	<0.5	<5	0.32	<1	9	64	70.0	1.67
RV2017-0111	0.5	<5	0.35	<1	13	70	78.0	2.08
RV2017-0112	<0.5	<5	0.36	<1	25	74	257	2.03
RV2017-0113	<0.5	<5	0.25	<1	14	50	113	1.76
RV2017-0114	0.5	<5	0.24	<1	9	52	36.9	1.88
RV2017-0115	0.5	<5	0.33	<1	7	56	8.3	1.65
RV2017-0116	0.5	<5	0.36	<1	8	48	3.4	1.01
RV2017-0117	<0.5	<5	0.35	<1	7	55	15.0	1.49
RV2017-0118	0.6	<5	0.27	<1	10	60	13.6	2.09
RV2017-0119	0.5	<5	0.39	<1	9	53	12.2	1.44
RV2017-0120	<0.5	<5	0.31	<1	7	54	17.1	1.20
RV2017-0121	<0.5	<5	0.38	<1	9	39	22.1	1.12
RV2017-0122	<0.5	<5	0.22	<1	9	45	21.6	1.22
RV2017-0123	<0.5	<5	0.26	<1	9	33	22.3	0.85
RV2017-0124	<0.5	<5	0.20	<1	7	48	24.1	0.91
RV2017-0125	<0.5	<5	1.26	<1	39	136	1336	3.07
RV2017-0126	<0.5	<5	0.47	<1	30	265	97.7	4.97
RV2017-0127	<0.5	<5	1.16	<1	32	394	69.2	6.15
RV2017-0128	0.6	<5	0.81	<1	31	378	32.8	6.04
RV2017-0129	0.6	<5	0.42	<1	27	290	25.5	5.33
RV2017-0130	0.5	<5	0.49	<1	22	296	36.1	5.08
RV2017-0131	0.5	<5	0.67	<1	21	137	25.5	4.49
RV2017-0132	<0.5	<5	1.08	<1	22	51	30.4	4.89
RV2017-0133	0.7	<5	1.08	<1	25	113	41.0	5.58
RV2017-0134	<0.5	<5	0.77	<1	25	97	81.1	5.15
RV2017-0135	<0.5	<5	0.96	<1	18	50	26.1	3.44
RV2017-0136	<0.5	<5	0.69	<1	12	58	9.9	3.52
RV2017-0137	<0.5	<5	1.06	<1	26	98	24.3	5.88
RV2017-0138	<0.5	<5	0.85	<1	24	92	19.8	4.45
RV2017-0139	<0.5	<5	0.78	<1	24	98	32.7	4.22
RV2017-0140	<0.5	<5	1.07	<1	19	71	23.6	4.06
*Rep RV2017-0099	<0.5	<5	1.61	<1	30	37	32.4	4.84
*Rep RV2017-0114	0.5	<5	0.25	<1	9	56	37.2	1.89

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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	%
RV2017-0071	<1	0.51	28.9	12	0.77	159	2	0.06
RV2017-0072	<1	0.29	20.0	10	0.39	112	1	0.04
RV2017-0073	<1	0.33	14.1	12	0.56	179	1	0.06
RV2017-0074	<1	1.22	24.3	31	2.25	415	2	0.06
RV2017-0075	<1	0.25	27.6	10	0.33	104	1	0.07
RV2017-0076	<1	0.52	25.7	20	1.00	208	1	0.06
RV2017-0077	<1	0.62	27.7	16	0.83	198	<1	0.09
RV2017-0078	<1	1.37	19.0	36	2.97	532	<1	0.07
RV2017-0079	<1	0.42	15.4	12	0.56	146	1	0.08
RV2017-0080	<1	1.40	19.5	20	1.79	380	<1	0.07
RV2017-0081	<1	1.06	22.5	24	2.16	414	<1	0.11
RV2017-0082	<1	0.42	17.9	12	1.10	209	1	0.10
RV2017-0083	<1	1.42	19.6	21	2.34	455	2	0.12
RV2017-0084	<1	0.24	2.7	20	1.54	333	<1	0.20
RV2017-0085	<1	0.11	1.2	4	2.86	392	<1	0.61
RV2017-0086	<1	0.33	3.8	27	1.63	383	<1	0.40
RV2017-0087	<1	0.22	3.8	44	2.63	614	<1	0.14
RV2017-0088	<1	0.10	1.8	42	2.56	538	<1	0.09
RV2017-0089	<1	0.03	1.4	23	1.52	359	1	0.05
RV2017-0090	<1	0.03	1.5	21	1.33	312	<1	0.05
RV2017-0091	<1	0.03	1.3	18	1.15	280	<1	0.04
RV2017-0092	<1	0.04	1.4	28	1.87	412	<1	0.04
RV2017-0093	<1	0.06	0.9	35	2.37	492	<1	0.03
RV2017-0094	<1	0.09	1.3	34	2.20	465	<1	0.04
RV2017-0095	<1	0.10	1.2	35	2.23	487	<1	0.04
RV2017-0096	<1	0.01	2.0	17	1.12	309	<1	0.07
RV2017-0097	<1	0.02	1.8	24	1.71	422	1	0.04
RV2017-0098	<1	0.07	2.2	39	2.81	647	<1	0.04
RV2017-0099	<1	0.05	1.7	39	2.60	614	<1	0.04
RV2017-0100	<1	0.11	2.2	43	2.78	636	<1	0.04
RV2017-0101	<1	0.30	3.8	40	2.07	537	<1	0.09
RV2017-0102	<1	0.47	11.2	21	0.62	174	2	0.03
RV2017-0103	<1	0.44	9.2	18	0.53	154	2	0.02
RV2017-0104	<1	0.32	7.3	18	0.57	167	3	0.02
*Dup RV2017-0104	<1	0.37	7.7	19	0.62	174	2	0.03
RV2017-0105	<1	0.05	10.8	<1	<0.01	36	3	0.03
RV2017-0106	<1	0.28	7.6	16	0.52	164	2	0.02
RV2017-0107	<1	0.31	8.9	17	0.55	168	3	0.03
RV2017-0108	<1	0.22	5.7	14	0.42	133	2	0.03
RV2017-0109	<1	0.23	7.4	13	0.40	146	3	0.03

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Final : SU1700717 Order: RV2017-0071-0140

Report File No.: 0000011507

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	%
RV2017-0110	<1	0.38	10.3	18	0.62	210	3	0.03
RV2017-0111	<1	0.71	13.6	25	0.83	275	4	0.04
RV2017-0112	<1	0.54	10.1	21	0.76	233	7	0.03
RV2017-0113	<1	0.72	10.6	19	0.64	195	4	0.03
RV2017-0114	<1	0.74	9.5	24	0.83	238	3	0.03
RV2017-0115	<1	0.74	11.7	21	0.89	207	2	0.04
RV2017-0116	<1	0.45	12.3	15	0.69	109	1	0.03
RV2017-0117	<1	0.61	9.0	17	0.76	170	3	0.04
RV2017-0118	<1	0.90	8.7	25	1.03	267	3	0.03
RV2017-0119	<1	0.48	9.3	21	0.90	193	1	0.01
RV2017-0120	<1	0.25	6.1	13	0.48	162	3	0.03
RV2017-0121	<1	0.32	7.4	13	0.44	136	3	0.02
RV2017-0122	<1	0.42	7.3	12	0.43	137	4	0.03
RV2017-0123	<1	0.15	6.2	5	0.20	91	4	0.02
RV2017-0124	<1	0.23	6.0	7	0.30	109	5	0.03
RV2017-0125	<1	0.23	4.7	10	2.13	234	<1	0.25
RV2017-0126	<1	0.77	5.0	29	2.90	498	1	0.08
RV2017-0127	<1	0.39	6.6	52	4.26	624	<1	0.06
RV2017-0128	<1	0.53	8.4	59	4.16	539	<1	0.04
RV2017-0129	<1	0.47	8.7	51	3.60	460	<1	0.06
RV2017-0130	<1	0.82	11.0	47	3.31	444	<1	0.06
RV2017-0131	<1	0.67	12.2	42	2.72	377	<1	0.07
RV2017-0132	<1	0.92	9.9	37	2.94	440	<1	0.08
RV2017-0133	<1	0.60	10.2	56	3.76	433	<1	0.08
RV2017-0134	<1	0.78	13.0	44	3.15	459	<1	0.06
RV2017-0135	<1	0.59	19.6	29	2.03	319	<1	0.10
RV2017-0136	<1	1.12	20.6	28	2.01	332	1	0.07
RV2017-0137	<1	1.64	18.3	47	3.64	530	<1	0.08
RV2017-0138	<1	1.01	15.6	29	2.53	414	<1	0.08
RV2017-0139	<1	0.97	15.7	29	2.40	367	1	0.08
RV2017-0140	<1	1.28	20.0	26	2.29	390	1	0.10
*Rep RV2017-0099	<1	0.05	1.7	37	2.57	605	<1	0.04
*Rep RV2017-0114	<1	0.75	9.8	24	0.84	242	3	0.03

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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
RV2017-0071	21	0.05	5	0.04	<5	2.2	<10	71.4
RV2017-0072	6	0.03	5	0.04	<5	1.1	<10	62.6
RV2017-0073	10	0.03	3	0.03	<5	1.7	<10	53.4
RV2017-0074	73	0.04	5	0.10	<5	8.5	<10	82.1
RV2017-0075	4	0.03	4	0.03	<5	1.1	<10	61.7
RV2017-0076	25	0.04	3	0.05	<5	3.8	<10	48.0
RV2017-0077	11	0.05	4	0.11	<5	2.3	<10	59.4
RV2017-0078	80	0.08	3	0.09	<5	7.9	<10	126
RV2017-0079	11	0.03	13	0.03	<5	3.3	<10	58.4
RV2017-0080	58	0.05	2	0.02	<5	4.8	<10	47.9
RV2017-0081	63	0.05	6	0.03	<5	5.9	<10	81.4
RV2017-0082	26	0.03	9	0.04	<5	3.9	<10	24.2
RV2017-0083	115	0.05	7	0.27	<5	8.9	<10	46.5
RV2017-0084	102	<0.01	3	0.08	<5	5.4	<10	69.5
RV2017-0085	261	<0.01	<2	0.05	<5	2.3	<10	160
RV2017-0086	70	0.02	3	0.05	<5	4.5	<10	94.5
RV2017-0087	97	0.02	<2	0.03	<5	6.0	<10	86.8
RV2017-0088	82	0.02	<2	0.01	<5	4.9	<10	92.6
RV2017-0089	39	0.02	<2	<0.01	<5	3.7	<10	79.7
RV2017-0090	40	0.02	<2	<0.01	<5	3.6	<10	75.2
RV2017-0091	35	0.02	<2	<0.01	<5	3.1	<10	67.8
RV2017-0092	60	0.01	<2	<0.01	<5	3.5	<10	76.6
RV2017-0093	88	<0.01	<2	<0.01	<5	2.8	<10	58.8
RV2017-0094	72	0.01	<2	<0.01	<5	3.5	<10	68.7
RV2017-0095	71	0.01	<2	<0.01	<5	4.0	<10	68.8
RV2017-0096	28	0.02	<2	<0.01	<5	3.8	<10	58.8
RV2017-0097	55	0.02	9	0.03	<5	3.9	<10	64.1
RV2017-0098	103	0.02	<2	<0.01	<5	3.1	<10	73.8
RV2017-0099	92	0.02	<2	0.03	<5	3.8	<10	73.6
RV2017-0100	76	0.02	<2	0.04	<5	6.0	<10	74.1
RV2017-0101	57	0.02	8	0.11	<5	7.9	<10	89.7
RV2017-0102	32	0.01	15	0.17	<5	3.7	<10	26.3
RV2017-0103	36	0.01	8	0.22	<5	2.8	<10	18.5
RV2017-0104	34	0.01	12	0.20	<5	2.7	<10	17.2
*Dup RV2017-0104	36	0.01	13	0.23	<5	3.0	<10	20.2
RV2017-0105	3	<0.01	<2	<0.01	<5	<0.5	<10	2.9
RV2017-0106	29	0.01	14	0.09	<5	2.8	<10	21.7
RV2017-0107	32	0.01	11	0.09	<5	3.3	<10	28.3
RV2017-0108	24	<0.01	7	0.11	<5	2.4	<10	18.6
RV2017-0109	26	<0.01	20	0.19	<5	2.4	<10	21.3

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Final : SU1700717 Order: RV2017-0071-0140

Report File No.: 0000011507

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
RV2017-0110	40	0.01	12	0.14	<5	3.5	<10	42.3
RV2017-0111	61	0.02	14	0.21	<5	4.1	<10	52.2
RV2017-0112	67	0.02	34	0.48	<5	3.4	<10	29.3
RV2017-0113	62	0.01	17	0.24	<5	3.3	<10	26.1
RV2017-0114	57	0.02	7	0.10	<5	3.2	<10	24.7
RV2017-0115	45	0.01	4	0.02	<5	3.5	<10	37.8
RV2017-0116	37	0.02	8	<0.01	<5	4.0	<10	37.3
RV2017-0117	38	0.01	10	0.02	<5	3.2	<10	61.8
RV2017-0118	56	0.02	3	0.02	<5	4.0	<10	39.1
RV2017-0119	48	0.02	<2	0.04	<5	4.6	<10	22.2
RV2017-0120	33	<0.01	25	0.09	<5	2.1	<10	22.7
RV2017-0121	28	0.01	30	0.13	<5	2.6	<10	24.3
RV2017-0122	32	0.01	24	0.16	<5	2.1	<10	24.6
RV2017-0123	19	<0.01	33	0.17	<5	1.5	<10	21.9
RV2017-0124	25	<0.01	17	0.08	<5	1.8	<10	21.1
RV2017-0125	359	0.01	3	0.39	<5	5.8	<10	46.4
RV2017-0126	147	0.01	<2	0.31	<5	5.7	<10	51.7
RV2017-0127	171	0.03	<2	0.31	<5	9.1	<10	49.4
RV2017-0128	160	0.03	<2	0.31	<5	9.0	<10	47.6
RV2017-0129	114	0.05	<2	0.36	<5	6.8	<10	65.4
RV2017-0130	120	0.02	<2	0.19	<5	7.2	<10	70.8
RV2017-0131	64	0.08	<2	0.21	<5	5.7	<10	84.6
RV2017-0132	25	0.22	<2	0.19	<5	7.2	<10	95.3
RV2017-0133	35	0.20	<2	0.27	<5	9.8	<10	108
RV2017-0134	39	0.15	<2	0.38	<5	6.7	<10	96.9
RV2017-0135	30	0.14	3	0.31	<5	5.2	<10	106
RV2017-0136	30	0.15	4	0.16	<5	5.6	<10	85.2
RV2017-0137	53	0.30	<2	0.41	<5	5.7	<10	88.0
RV2017-0138	50	0.20	<2	0.50	<5	4.5	<10	83.0
RV2017-0139	60	0.14	<2	0.56	<5	6.0	<10	82.3
RV2017-0140	40	0.24	<2	0.31	<5	5.4	<10	97.1
*Rep RV2017-0099	90	0.02	<2	0.02	<5	3.8	<10	73.2
*Rep RV2017-0114	60	0.02	7	0.10	<5	3.4	<10	25.9

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Report File No.: 0000011507

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
RV2017-0071	0.09	19	<10	6.8	20	6.0
RV2017-0072	0.05	9	<10	4.7	12	3.2
RV2017-0073	0.05	14	<10	6.1	11	3.7
RV2017-0074	0.20	81	<10	7.3	55	5.5
RV2017-0075	0.05	7	<10	4.9	9	3.5
RV2017-0076	0.08	22	<10	11.9	20	11.2
RV2017-0077	0.09	19	<10	9.0	27	5.3
RV2017-0078	0.24	83	<10	7.3	66	2.9
RV2017-0079	0.08	16	<10	18.3	39	8.3
RV2017-0080	0.15	45	<10	7.0	63	4.1
RV2017-0081	0.21	69	<10	6.5	64	4.8
RV2017-0082	0.11	31	<10	5.2	48	8.8
RV2017-0083	0.21	100	<10	8.8	64	6.6
RV2017-0084	0.08	36	<10	2.5	53	1.8
RV2017-0085	0.03	35	<10	0.9	15	1.2
RV2017-0086	0.11	37	<10	3.8	43	4.6
RV2017-0087	0.17	57	<10	4.2	61	4.3
RV2017-0088	0.13	44	<10	3.1	50	2.9
RV2017-0089	0.20	64	<10	2.9	38	2.3
RV2017-0090	0.17	51	<10	2.6	33	2.3
RV2017-0091	0.14	39	<10	2.3	29	1.8
RV2017-0092	0.13	36	<10	2.3	46	2.2
RV2017-0093	0.13	38	<10	1.4	60	1.7
RV2017-0094	0.16	45	<10	2.1	55	2.1
RV2017-0095	0.16	44	<10	2.1	55	1.8
RV2017-0096	0.20	43	<10	3.4	29	2.4
RV2017-0097	0.16	46	<10	3.0	62	2.3
RV2017-0098	0.19	49	<10	3.2	74	2.6
RV2017-0099	0.15	47	<10	2.6	68	2.3
RV2017-0100	0.17	58	<10	3.6	71	2.4
RV2017-0101	0.18	67	<10	5.0	88	6.0
RV2017-0102	0.10	23	<10	6.3	131	13.6
RV2017-0103	0.09	16	<10	5.3	76	13.4
RV2017-0104	0.08	18	<10	5.5	56	8.8
*Dup RV2017-0104	0.09	20	<10	5.9	65	9.8
RV2017-0105	<0.01	<1	<10	1.0	<1	5.7
RV2017-0106	0.08	18	<10	5.3	88	8.4
RV2017-0107	0.10	22	<10	5.6	94	8.7
RV2017-0108	0.05	17	<10	4.9	49	8.8
RV2017-0109	0.07	16	<10	7.0	116	7.8

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Report File No.: 0000011507

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
RV2017-0110	0.12	24	<10	6.9	80	8.7
RV2017-0111	0.15	28	<10	6.6	77	11.9
RV2017-0112	0.12	23	<10	6.3	56	12.7
RV2017-0113	0.13	20	<10	4.8	36	11.6
RV2017-0114	0.14	22	<10	4.8	116	12.0
RV2017-0115	0.13	23	<10	5.7	22	11.6
RV2017-0116	0.14	22	<10	6.9	13	13.5
RV2017-0117	0.11	22	<10	5.4	19	9.0
RV2017-0118	0.16	26	<10	4.5	27	13.4
RV2017-0119	0.09	24	<10	6.6	22	11.0
RV2017-0120	0.03	14	<10	5.1	98	8.7
RV2017-0121	0.08	14	<10	6.4	109	10.6
RV2017-0122	0.06	13	<10	4.6	185	9.3
RV2017-0123	0.04	8	<10	3.6	62	4.8
RV2017-0124	0.04	11	<10	3.6	38	5.3
RV2017-0125	0.05	38	<10	1.8	54	2.1
RV2017-0126	0.18	98	<10	1.2	85	0.7
RV2017-0127	0.14	117	<10	7.5	101	1.3
RV2017-0128	0.18	143	<10	8.0	97	1.0
RV2017-0129	0.12	97	<10	5.2	80	1.7
RV2017-0130	0.19	115	<10	4.6	83	1.2
RV2017-0131	0.16	85	<10	5.8	67	1.6
RV2017-0132	0.22	102	<10	6.8	76	1.6
RV2017-0133	0.24	115	<10	8.8	75	2.6
RV2017-0134	0.23	88	<10	9.0	87	2.5
RV2017-0135	0.18	64	<10	9.5	54	4.0
RV2017-0136	0.22	69	<10	11.7	65	3.5
RV2017-0137	0.31	110	<10	9.7	106	2.0
RV2017-0138	0.21	77	<10	6.6	74	2.0
RV2017-0139	0.20	79	<10	7.3	66	2.2
RV2017-0140	0.23	79	<10	8.6	70	2.1
*Rep RV2017-0099	0.15	47	<10	2.7	69	2.3
*Rep RV2017-0114	0.14	24	<10	5.0	116	12.7

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