Certificate of Analysis
Work Order : SU1700719
[Report File No.: 0000011493]

Date: August 24, 2017

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

P.O. No.: RV2017-0211-0280
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
69	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
RV2017-0211	2.214	3	<10	<1	<2	2.33	<3	669
RV2017-0212	2.066	2	<10	<1	<2	1.16	<3	166
RV2017-0213	2.179	3	<10	<1	<2	1.82	<3	193
RV2017-0214	1.698	1	<10	<1	<2	1.94	<3	236
RV2017-0215	2.304	3	<10	<1	<2	2.40	<3	148
RV2017-0216	1.682	2	<10	<1	<2	2.53	<3	216
RV2017-0217	2.122	2	<10	<1	<2	3.18	<3	290
RV2017-0218	2.055	3	<10	2	<2	4.01	<3	528
RV2017-0219	2.084	2	<10	2	<2	2.67	<3	297
RV2017-0220	2.205	2	<10	5	<2	3.88	<3	314
RV2017-0221	2.083	2	<10	2	<2	3.26	<3	280
RV2017-0222	2.019	3	<10	<1	<2	3.09	<3	176
RV2017-0223	1.932	3	<10	1	<2	3.12	<3	245
RV2017-0224	2.112	3	<10	3	<2	3.45	<3	121
RV2017-0225	1.395	1	<10	<1	<2	0.04	<3	<5
RV2017-0226	2.300	1	<10	3	<2	4.71	<3	98
RV2017-0227	1.911	2	<10	3	<2	4.23	<3	62
RV2017-0228	2.293	5	<10	2	<2	3.74	<3	141
RV2017-0229	2.190	5	<10	4	<2	4.04	<3	402
RV2017-0230	2.094	3	<10	4	<2	3.43	5	509
RV2017-0231	1.920	3	<10	2	<2	3.67	<3	463
RV2017-0232	1.990	2	<10	3	<2	3.53	<3	798
RV2017-0233	2.024	2	<10	3	<2	3.78	<3	841
RV2017-0234	2.088	2	<10	2	<2	3.37	3	403
RV2017-0235	1.895	2	<10	2	<2	3.04	<3	374
RV2017-0236	1.797	7	<10	3	<2	3.73	<3	540
RV2017-0237	2.233	2	<10	1	<2	2.27	4	569
RV2017-0238	2.229	2	<10	<1	<2	2.24	<3	664
RV2017-0239	2.113	2	<10	1	<2	2.20	4	820
RV2017-0240	2.177	2	<10	2	<2	1.70	5	408
RV2017-0241	2.016	2	<10	2	<2	2.59	<3	657
RV2017-0242	2.104	2	<10	3	<2	3.61	<3	698
RV2017-0243	2.118	2	<10	2	<2	2.76	<3	314
RV2017-0244	1.741	2	<10	<1	<2	0.29	<3	17
*Dup RV2017-0244	<0.001	2	<10	<1	<2	0.27	<3	16
RV2017-0245	0.070	89	468	1469	<2	2.58	<3	74
RV2017-0246	1.830	3	<10	<1	<2	0.32	<3	12
RV2017-0247	2.001	3	<10	1	<2	1.36	<3	82
RV2017-0248	2.116	2	<10	2	<2	3.26	<3	676
RV2017-0249	2.155	2	<10	4	<2	3.32	<3	954

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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
RV2017-0250	2.243	3	<10	3	<2	3.36	<3	598
RV2017-0251	2.310	3	<10	2	<2	3.52	<3	417
RV2017-0252	2.147	3	<10	3	<2	3.82	<3	600
RV2017-0253	1.790	4	<10	3	<2	2.58	<3	269
RV2017-0254	2.241	4	<10	3	<2	2.83	<3	445
RV2017-0255	1.820	2	<10	3	<2	2.69	<3	680
RV2017-0256	2.083	13	43	118	<2	2.88	<3	115
RV2017-0257	2.204	8	44	127	<2	2.13	<3	42
RV2017-0258	2.009	8	30	83	<2	2.93	<3	149
RV2017-0259	2.329	78	549	1491	<2	2.47	<3	158
RV2017-0260	2.220	97	403	1462	<2	2.27	<3	71
RV2017-0261	1.703	25	117	333	<2	2.31	<3	12
RV2017-0262	2.674	125	648	1861	<2	2.44	<3	56
RV2017-0263	2.024	62	187	511	<2	2.73	<3	43
RV2017-0264	2.007	78	317	1058	<2	2.86	<3	99
RV2017-0265	1.035	2	<10	2	<2	0.05	<3	<5
RV2017-0266	2.052	125	710	2466	<2	3.26	<3	82
RV2017-0267	1.926	35	135	252	<2	2.73	<3	55
RV2017-0268	2.104	57	296	542	<2	2.46	<3	75
RV2017-0269	2.527	16	138	224	<2	2.28	<3	101
RV2017-0270	1.967	14	27	24	<2	1.65	<3	61
RV2017-0271	2.168	14	49	100	<2	3.16	<3	120
RV2017-0272	2.000	3	<10	3	<2	3.07	<3	714
RV2017-0273	1.845	4	<10	3	<2	2.61	<3	560
RV2017-0274	2.036	3	<10	4	<2	2.96	<3	343
RV2017-0275	1.990	3	<10	3	<2	2.83	<3	294
RV2017-0276	2.097	3	<10	4	<2	3.64	<3	493
RV2017-0277	1.944	3	<10	4	<2	3.68	<3	452
RV2017-0278	1.957	3	<10	2	<2	2.76	<3	456
RV2017-0279	1.964	3	<10	3	<2	3.12	<3	600
RV2017-0280	2.125	4	<10	2	<2	2.74	<3	418
*Rep RV2017-0239		2	<10	1				
*Rep RV2017-0270		16	25	25				
*Rep RV2017-0229					<2	4.03	<3	404
*Rep RV2017-0267					<2	2.73	<3	55

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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	%
RV2017-0211	<0.5	<5	1.06	<1	21	47	26.2	3.76
RV2017-0212	<0.5	<5	0.62	<1	11	27	17.9	1.81
RV2017-0213	<0.5	<5	0.85	<1	17	73	17.4	2.90
RV2017-0214	<0.5	<5	1.02	<1	21	77	34.8	3.18
RV2017-0215	<0.5	<5	1.30	<1	23	102	22.0	3.90
RV2017-0216	<0.5	<5	1.20	<1	25	122	39.3	4.15
RV2017-0217	<0.5	<5	1.08	<1	29	174	27.7	4.86
RV2017-0218	<0.5	<5	0.59	<1	42	258	80.7	6.35
RV2017-0219	<0.5	<5	0.45	<1	25	163	56.8	4.11
RV2017-0220	<0.5	<5	0.58	<1	37	327	77.3	6.04
RV2017-0221	<0.5	<5	0.56	<1	36	188	52.2	5.08
RV2017-0222	<0.5	<5	0.42	<1	34	116	37.4	4.75
RV2017-0223	<0.5	<5	0.38	<1	28	163	62.9	4.81
RV2017-0224	0.5	<5	0.32	<1	39	249	77.8	5.48
RV2017-0225	<0.5	<5	<0.01	<1	<1	67	4.0	0.39
RV2017-0226	0.5	<5	0.45	<1	47	599	80.5	7.65
RV2017-0227	0.6	<5	0.40	<1	36	399	47.1	6.60
RV2017-0228	<0.5	<5	0.34	<1	41	327	116	6.16
RV2017-0229	<0.5	<5	0.39	<1	38	332	64.7	6.47
RV2017-0230	<0.5	<5	0.42	<1	31	330	65.8	5.32
RV2017-0231	<0.5	<5	0.55	<1	36	199	72.8	5.81
RV2017-0232	<0.5	<5	0.37	<1	39	312	93.8	5.98
RV2017-0233	<0.5	<5	0.47	<1	53	279	101	6.64
RV2017-0234	<0.5	<5	0.64	<1	32	337	21.8	5.50
RV2017-0235	<0.5	<5	0.69	<1	35	229	55.6	4.89
RV2017-0236	<0.5	<5	0.78	<1	47	337	261	6.19
RV2017-0237	<0.5	<5	1.27	<1	24	186	91.2	3.60
RV2017-0238	<0.5	<5	1.34	<1	29	157	64.1	3.49
RV2017-0239	<0.5	<5	1.81	<1	24	342	21.3	3.25
RV2017-0240	<0.5	<5	1.91	<1	19	218	50.6	2.48
RV2017-0241	<0.5	<5	0.51	<1	25	185	27.1	3.76
RV2017-0242	<0.5	<5	0.46	<1	37	268	40.2	5.52
RV2017-0243	<0.5	<5	0.70	<1	28	182	69.8	3.95
RV2017-0244	<0.5	<5	0.19	<1	<1	26	4.7	0.33
*Dup RV2017-0244	<0.5	<5	0.19	<1	<1	28	4.4	0.38
RV2017-0245	<0.5	<5	1.52	<1	47	153	1284	3.31
RV2017-0246	<0.5	<5	0.24	<1	<1	25	4.4	0.41
RV2017-0247	<0.5	<5	0.47	<1	16	138	27.1	2.24
RV2017-0248	<0.5	<5	0.72	<1	31	402	9.6	5.32
RV2017-0249	<0.5	<5	0.84	<1	32	343	1.3	5.53

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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	%
RV2017-0250	<0.5	<5	0.73	<1	35	458	24.0	5.51
RV2017-0251	<0.5	<5	0.62	<1	40	539	64.9	5.57
RV2017-0252	<0.5	<5	0.69	<1	40	314	63.7	5.97
RV2017-0253	<0.5	<5	0.76	<1	27	266	53.4	4.25
RV2017-0254	<0.5	<5	0.68	<1	25	307	18.9	4.46
RV2017-0255	<0.5	<5	0.60	<1	26	265	49.8	4.35
RV2017-0256	<0.5	<5	1.06	<1	38	228	363	4.88
RV2017-0257	<0.5	<5	1.43	<1	28	126	176	3.94
RV2017-0258	<0.5	<5	1.18	<1	37	331	229	4.97
RV2017-0259	<0.5	<5	1.09	<1	72	131	1647	4.99
RV2017-0260	<0.5	<5	0.90	<1	42	94	2106	3.84
RV2017-0261	<0.5	<5	1.33	<1	22	75	567	2.89
RV2017-0262	<0.5	<5	1.14	<1	55	148	1645	4.12
RV2017-0263	<0.5	<5	1.38	<1	30	92	848	3.17
RV2017-0264	<0.5	<5	0.96	<1	43	168	1229	3.89
RV2017-0265	<0.5	<5	0.01	<1	<1	128	6.2	0.43
RV2017-0266	<0.5	<5	1.07	<1	66	115	2194	4.62
RV2017-0267	<0.5	<5	1.51	<1	29	67	740	2.75
RV2017-0268	<0.5	<5	1.29	<1	70	66	1554	3.56
RV2017-0269	<0.5	<5	1.33	<1	27	69	370	3.08
RV2017-0270	<0.5	<5	1.14	<1	19	52	347	2.31
RV2017-0271	<0.5	<5	1.60	<1	34	179	215	4.06
RV2017-0272	<0.5	<5	0.54	<1	25	342	29.6	4.92
RV2017-0273	<0.5	<5	0.65	<1	39	266	114	4.37
RV2017-0274	<0.5	<5	0.71	<1	49	365	130	5.53
RV2017-0275	<0.5	<5	0.81	<1	50	331	155	5.25
RV2017-0276	<0.5	<5	0.69	<1	57	452	139	6.70
RV2017-0277	<0.5	<5	0.78	<1	41	359	25.7	6.00
RV2017-0278	<0.5	<5	0.63	<1	31	260	18.1	4.53
RV2017-0279	<0.5	<5	0.76	<1	33	373	21.6	5.23
RV2017-0280	<0.5	<5	0.87	<1	26	230	35.0	4.46
*Rep RV2017-0229	<0.5	<5	0.38	<1	38	335	65.9	6.46
*Rep RV2017-0267	<0.5	<5	1.52	<1	29	68	736	2.74

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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	%
RV2017-0211	<1	0.90	17.6	34	2.29	371	<1	0.09
RV2017-0212	<1	0.23	17.0	20	1.04	180	<1	0.11
RV2017-0213	<1	0.38	15.6	32	1.89	286	<1	0.11
RV2017-0214	<1	0.44	11.5	23	1.82	357	<1	0.11
RV2017-0215	<1	0.30	12.7	26	2.52	468	<1	0.12
RV2017-0216	<1	0.44	9.2	26	2.64	474	<1	0.11
RV2017-0217	<1	0.57	9.8	32	3.28	558	1	0.10
RV2017-0218	<1	0.95	10.3	41	4.05	652	2	0.08
RV2017-0219	<1	0.56	15.3	30	2.54	434	1	0.09
RV2017-0220	<1	0.63	11.4	35	3.87	688	2	0.09
RV2017-0221	<1	0.59	16.8	39	3.24	502	1	0.09
RV2017-0222	<1	0.37	10.7	28	3.04	543	1	0.09
RV2017-0223	<1	0.41	10.4	33	3.09	526	2	0.08
RV2017-0224	<1	0.24	8.5	37	3.54	622	1	0.07
RV2017-0225	<1	0.02	1.4	<1	<0.01	38	2	0.01
RV2017-0226	<1	0.18	14.0	39	5.14	881	2	0.06
RV2017-0227	<1	0.16	13.0	53	4.50	769	3	0.05
RV2017-0228	<1	0.25	9.8	43	3.84	675	1	0.06
RV2017-0229	<1	0.57	8.2	36	3.96	703	2	0.07
RV2017-0230	<1	0.74	7.3	34	3.14	562	1	0.09
RV2017-0231	<1	0.67	5.3	31	3.38	642	1	0.10
RV2017-0232	<1	1.13	7.4	32	3.29	624	<1	0.08
RV2017-0233	<1	1.28	8.4	34	3.50	680	<1	0.08
RV2017-0234	<1	0.67	8.5	31	3.37	672	<1	0.09
RV2017-0235	<1	0.56	12.8	31	2.86	569	1	0.11
RV2017-0236	<1	0.98	17.2	42	3.93	651	1	0.09
RV2017-0237	<1	1.10	22.8	24	2.23	429	<1	0.12
RV2017-0238	<1	1.29	19.4	29	2.09	393	<1	0.10
RV2017-0239	<1	1.46	22.5	33	2.35	414	<1	0.06
RV2017-0240	<1	0.84	18.1	18	1.53	310	<1	0.05
RV2017-0241	<1	1.66	16.0	30	2.27	414	1	0.09
RV2017-0242	<1	1.93	13.6	45	3.49	612	2	0.07
RV2017-0243	<1	1.30	15.4	32	2.49	446	1	0.07
RV2017-0244	<1	0.14	3.1	4	0.08	39	<1	0.09
*Dup RV2017-0244	<1	0.12	3.0	4	0.08	44	<1	0.09
RV2017-0245	<1	0.22	4.9	11	2.31	306	<1	0.31
RV2017-0246	<1	0.09	4.1	5	0.07	46	1	0.07
RV2017-0247	<1	0.35	10.4	22	1.20	243	2	0.10
RV2017-0248	<1	1.49	13.3	43	3.40	562	<1	0.08
RV2017-0249	<1	1.86	19.2	42	3.18	595	<1	0.12

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Final : SU1700719 Order: RV2017-0211-0280

Report File No.: 0000011493

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	%
RV2017-0250	<1	1.27	13.1	37	3.46	590	1	0.09
RV2017-0251	<1	1.31	9.2	39	3.78	630	1	0.08
RV2017-0252	<1	2.07	16.0	42	3.73	563	<1	0.09
RV2017-0253	<1	0.69	18.5	28	2.35	470	<1	0.13
RV2017-0254	<1	0.67	13.2	36	2.92	503	1	0.08
RV2017-0255	<1	0.97	23.2	29	2.39	488	1	0.13
RV2017-0256	<1	0.29	5.9	27	2.72	585	1	0.12
RV2017-0257	<1	0.14	4.2	18	2.07	529	<1	0.16
RV2017-0258	<1	0.31	2.7	26	3.02	624	<1	0.13
RV2017-0259	<1	0.31	3.4	19	2.47	558	<1	0.13
RV2017-0260	<1	0.17	3.5	20	2.15	446	<1	0.14
RV2017-0261	<1	0.06	1.0	18	1.79	415	<1	0.26
RV2017-0262	<1	0.16	2.1	17	2.26	491	<1	0.18
RV2017-0263	<1	0.12	1.2	19	1.96	463	<1	0.34
RV2017-0264	<1	0.24	1.1	19	2.45	499	<1	0.23
RV2017-0265	<1	0.02	2.4	<1	0.01	38	2	0.02
RV2017-0266	<1	0.20	1.4	21	2.68	538	<1	0.26
RV2017-0267	<1	0.14	1.3	17	1.78	393	<1	0.36
RV2017-0268	<1	0.16	1.9	14	1.79	379	<1	0.26
RV2017-0269	<1	0.24	5.4	15	1.82	434	<1	0.20
RV2017-0270	<1	0.16	7.5	11	1.27	330	1	0.15
RV2017-0271	<1	0.32	6.7	20	2.50	528	<1	0.32
RV2017-0272	<1	1.33	12.9	25	2.73	492	2	0.14
RV2017-0273	<1	0.94	13.4	23	2.25	447	1	0.15
RV2017-0274	<1	0.47	6.5	26	2.95	598	<1	0.12
RV2017-0275	<1	0.40	6.1	25	2.67	562	<1	0.18
RV2017-0276	<1	0.59	6.8	28	3.64	750	1	0.12
RV2017-0277	<1	0.83	13.5	31	3.53	650	<1	0.16
RV2017-0278	<1	0.88	11.6	26	2.68	477	<1	0.11
RV2017-0279	<1	0.99	12.0	29	3.10	570	<1	0.14
RV2017-0280	<1	0.73	8.5	29	2.67	490	<1	0.14
*Rep RV2017-0229	<1	0.57	8.0	36	3.95	704	2	0.07
*Rep RV2017-0267	<1	0.14	1.3	16	1.78	395	<1	0.37

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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
RV2017-0211	18	0.23	<2	0.16	<5	5.2	<10	94.0
RV2017-0212	9	0.10	<2	0.14	<5	1.5	<10	86.9
RV2017-0213	25	0.12	<2	0.14	<5	4.2	<10	97.8
RV2017-0214	26	0.17	<2	0.27	<5	4.1	<10	90.8
RV2017-0215	33	0.25	<2	0.16	<5	7.1	<10	79.4
RV2017-0216	42	0.21	<2	0.21	<5	5.4	<10	81.6
RV2017-0217	62	0.20	<2	0.17	<5	6.1	<10	83.5
RV2017-0218	131	0.10	<2	0.43	<5	6.1	<10	74.3
RV2017-0219	104	0.01	<2	0.20	<5	6.6	<10	83.9
RV2017-0220	198	0.01	<2	0.27	<5	9.9	<10	84.0
RV2017-0221	125	0.01	<2	0.36	<5	9.7	<10	86.3
RV2017-0222	82	0.02	<2	0.31	<5	5.8	<10	59.0
RV2017-0223	90	0.02	<2	0.30	<5	8.4	<10	60.6
RV2017-0224	135	<0.01	<2	0.41	<5	6.8	<10	50.5
RV2017-0225	4	<0.01	<2	<0.01	<5	<0.5	<10	2.0
RV2017-0226	220	0.06	<2	0.38	<5	9.6	<10	38.9
RV2017-0227	147	0.04	<2	0.19	<5	9.1	<10	36.3
RV2017-0228	140	0.05	<2	0.36	<5	7.6	<10	41.9
RV2017-0229	208	0.01	<2	0.30	<5	9.1	<10	58.3
RV2017-0230	167	0.01	2	0.23	<5	10.4	<10	73.4
RV2017-0231	133	0.06	<2	0.36	<5	7.6	<10	79.4
RV2017-0232	154	0.02	<2	0.48	<5	6.2	<10	63.5
RV2017-0233	163	0.02	<2	0.89	<5	6.5	<10	82.6
RV2017-0234	138	0.07	<2	0.50	<5	5.1	<10	66.9
RV2017-0235	126	0.04	2	0.22	<5	7.0	<10	98.0
RV2017-0236	132	0.13	<2	0.26	<5	9.9	<10	67.0
RV2017-0237	54	0.24	3	0.13	<5	6.8	<10	113
RV2017-0238	58	0.30	4	0.31	<5	4.7	<10	146
RV2017-0239	98	0.41	<2	0.09	<5	5.9	<10	185
RV2017-0240	43	0.36	3	0.12	<5	6.4	<10	251
RV2017-0241	105	0.03	4	0.18	<5	5.9	<10	111
RV2017-0242	157	0.04	<2	0.20	<5	7.1	<10	90.6
RV2017-0243	99	0.05	36	0.25	<5	6.6	<10	116
RV2017-0244	2	<0.01	4	<0.01	<5	1.3	<10	29.5
*Dup RV2017-0244	2	<0.01	4	<0.01	<5	1.3	<10	27.8
RV2017-0245	367	<0.01	3	0.43	<5	7.0	<10	53.1
RV2017-0246	2	<0.01	12	<0.01	<5	0.9	<10	39.8
RV2017-0247	51	0.02	19	0.10	<5	4.8	<10	71.5
RV2017-0248	184	0.10	<2	0.05	<5	6.7	<10	60.8
RV2017-0249	159	0.16	<2	0.01	<5	8.5	<10	75.8

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Final : SU1700719 Order: RV2017-0211-0280

Report File No.: 0000011493

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
RV2017-0250	216	0.09	<2	0.06	<5	7.3	<10	63.8
RV2017-0251	249	0.07	<2	0.15	<5	6.8	<10	51.4
RV2017-0252	155	0.06	<2	0.15	<5	11.8	<10	88.8
RV2017-0253	123	0.03	2	0.21	<5	9.3	<10	97.4
RV2017-0254	142	0.07	<2	0.04	<5	7.8	<10	58.7
RV2017-0255	127	0.02	5	0.17	<5	9.7	<10	74.4
RV2017-0256	168	0.02	<2	0.25	<5	10.0	<10	59.2
RV2017-0257	112	0.02	<2	0.11	<5	8.6	<10	37.8
RV2017-0258	178	0.01	<2	0.10	<5	8.8	<10	36.8
RV2017-0259	491	0.01	<2	0.81	<5	8.3	<10	40.0
RV2017-0260	323	0.01	3	0.47	<5	5.8	<10	41.6
RV2017-0261	120	<0.01	<2	0.11	<5	7.8	<10	68.9
RV2017-0262	400	<0.01	<2	0.60	<5	7.0	<10	45.3
RV2017-0263	166	<0.01	<2	0.18	<5	6.2	<10	67.8
RV2017-0264	263	<0.01	<2	0.31	<5	5.2	<10	46.2
RV2017-0265	4	<0.01	<2	<0.01	<5	<0.5	<10	5.4
RV2017-0266	557	<0.01	<2	0.74	<5	4.5	<10	55.5
RV2017-0267	139	<0.01	<2	0.20	<5	6.1	<10	81.3
RV2017-0268	437	<0.01	<2	0.77	<5	5.7	<10	58.9
RV2017-0269	106	0.02	<2	0.10	<5	7.0	<10	46.8
RV2017-0270	52	0.03	<2	0.10	<5	5.4	<10	39.1
RV2017-0271	138	<0.01	<2	0.21	<5	10.8	<10	93.2
RV2017-0272	143	0.02	<2	0.08	<5	10.2	<10	56.0
RV2017-0273	136	0.02	5	0.32	<5	9.6	<10	65.8
RV2017-0274	189	<0.01	<2	0.65	<5	10.6	<10	34.9
RV2017-0275	170	<0.01	<2	0.72	<5	9.2	<10	56.1
RV2017-0276	201	<0.01	<2	0.57	<5	12.8	<10	30.4
RV2017-0277	188	0.02	2	0.08	<5	13.1	<10	57.4
RV2017-0278	128	0.03	<2	0.02	<5	7.2	<10	43.7
RV2017-0279	155	0.04	<2	0.02	<5	10.7	<10	43.9
RV2017-0280	113	0.02	<2	0.02	<5	7.4	<10	62.5
*Rep RV2017-0229	210	0.01	<2	0.32	<5	8.9	<10	57.2
*Rep RV2017-0267	140	<0.01	<2	0.20	<5	6.3	<10	81.5

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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
RV2017-0211	0.22	88	<10	7.4	66	2.0
RV2017-0212	0.09	31	<10	2.9	35	1.1
RV2017-0213	0.15	50	<10	5.2	43	1.8
RV2017-0214	0.16	48	<10	4.8	50	1.5
RV2017-0215	0.17	78	<10	7.7	67	1.8
RV2017-0216	0.17	79	<10	5.8	69	1.4
RV2017-0217	0.16	78	<10	6.0	84	1.4
RV2017-0218	0.20	108	<10	4.5	105	1.2
RV2017-0219	0.16	77	<10	3.7	64	1.0
RV2017-0220	0.22	152	<10	3.3	100	1.1
RV2017-0221	0.20	151	<10	5.4	71	1.4
RV2017-0222	0.16	90	<10	2.1	81	1.3
RV2017-0223	0.16	106	<10	2.9	78	1.3
RV2017-0224	0.13	129	<10	2.5	92	1.2
RV2017-0225	<0.01	<1	<10	<0.5	2	2.7
RV2017-0226	0.14	173	<10	4.7	130	2.1
RV2017-0227	0.09	124	<10	4.2	106	1.6
RV2017-0228	0.13	134	<10	3.2	102	1.4
RV2017-0229	0.23	177	<10	2.4	107	1.1
RV2017-0230	0.22	152	<10	1.8	120	1.0
RV2017-0231	0.22	123	<10	2.4	106	1.0
RV2017-0232	0.24	135	<10	1.5	101	1.0
RV2017-0233	0.28	143	<10	1.7	104	1.3
RV2017-0234	0.16	86	<10	3.1	95	1.2
RV2017-0235	0.16	85	<10	2.7	90	1.5
RV2017-0236	0.23	135	<10	8.6	99	3.5
RV2017-0237	0.25	86	<10	10.5	62	5.2
RV2017-0238	0.27	76	<10	8.5	63	3.6
RV2017-0239	0.34	83	<10	12.6	62	6.3
RV2017-0240	0.31	76	<10	12.0	37	5.7
RV2017-0241	0.21	91	<10	3.9	76	2.5
RV2017-0242	0.28	120	<10	4.0	95	2.3
RV2017-0243	0.19	75	<10	6.9	107	3.3
RV2017-0244	0.02	5	<10	14.1	4	4.9
*Dup RV2017-0244	0.02	5	<10	13.8	3	5.0
RV2017-0245	0.07	45	<10	2.1	60	2.4
RV2017-0246	0.01	3	<10	16.5	2	5.2
RV2017-0247	0.12	49	<10	16.7	28	8.6
RV2017-0248	0.24	91	<10	5.3	89	2.9
RV2017-0249	0.30	84	<10	9.1	96	3.3

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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
RV2017-0250	0.23	93	<10	6.0	89	2.5
RV2017-0251	0.24	117	<10	3.5	82	1.7
RV2017-0252	0.33	152	<10	6.2	78	2.1
RV2017-0253	0.20	108	<10	3.8	47	2.1
RV2017-0254	0.20	92	<10	3.8	72	2.1
RV2017-0255	0.23	103	<10	3.9	73	2.2
RV2017-0256	0.21	111	<10	4.1	78	2.1
RV2017-0257	0.21	88	<10	4.6	56	1.4
RV2017-0258	0.17	81	<10	3.9	81	1.2
RV2017-0259	0.13	66	<10	3.1	82	2.7
RV2017-0260	0.10	46	<10	2.7	81	2.2
RV2017-0261	0.07	43	<10	2.1	43	0.9
RV2017-0262	0.08	50	<10	1.8	68	1.3
RV2017-0263	0.04	31	<10	1.3	57	0.7
RV2017-0264	0.06	38	<10	1.1	70	0.8
RV2017-0265	<0.01	<1	<10	<0.5	1	2.3
RV2017-0266	0.05	32	<10	1.0	81	1.5
RV2017-0267	0.05	31	<10	1.6	41	0.9
RV2017-0268	0.07	34	<10	1.9	56	1.6
RV2017-0269	0.16	53	<10	4.4	40	2.6
RV2017-0270	0.15	43	<10	5.4	30	3.9
RV2017-0271	0.13	86	<10	3.2	60	2.2
RV2017-0272	0.25	115	<10	3.4	82	2.1
RV2017-0273	0.20	107	<10	4.2	80	2.1
RV2017-0274	0.19	133	<10	1.1	102	1.0
RV2017-0275	0.15	119	<10	1.3	94	1.1
RV2017-0276	0.21	152	<10	1.9	132	1.8
RV2017-0277	0.23	129	<10	3.6	94	2.4
RV2017-0278	0.20	91	<10	2.3	68	1.2
RV2017-0279	0.22	116	<10	4.2	82	2.1
RV2017-0280	0.25	117	<10	2.1	65	1.0
*Rep RV2017-0229	0.23	176	<10	2.4	111	1.1
*Rep RV2017-0267	0.05	32	<10	1.6	41	0.9

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