Certificate of Analysis
Work Order : SU1700786
[Report File No.: 0000011689]

Date: September 13, 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
RV2017-0553	1.880	6	<10	<1	<2	0.69	8	60
RV2017-0554	2.256	32	<10	1	<2	0.90	13	75
RV2017-0555	2.004	21	<10	<1	<2	0.69	10	76
RV2017-0556	2.332	34	<10	<1	<2	0.56	6	67
RV2017-0557	2.496	11	<10	<1	<2	0.53	6	57
RV2017-0558	2.488	13	<10	<1	<2	0.56	<3	49
RV2017-0559	1.963	21	<10	<1	<2	0.61	4	66
RV2017-0560	2.024	8	<10	<1	<2	0.54	5	46
RV2017-0561	1.021	24	63	62	<2	1.92	<3	111
RV2017-0562	2.469	31	139	371	<2	2.38	<3	182
RV2017-0563	2.239	188	1243	4103	<2	2.23	<3	219
RV2017-0564	2.405	353	2100	7315	<2	2.56	<3	212
RV2017-0565	0.065	16	134	342	<2	3.60	<3	41
RV2017-0566	2.447	238	1292	4540	<2	2.56	<3	182
RV2017-0567	2.281	18	83	240	<2	2.13	<3	213
RV2017-0568	2.492	16	31	20	<2	2.50	<3	247
RV2017-0569	2.153	64	278	743	<2	2.57	<3	187
RV2017-0570	2.163	67	386	1021	<2	3.24	<3	246
RV2017-0571	2.298	25	116	314	<2	2.75	<3	173
RV2017-0572	2.245	37	162	426	<2	2.64	<3	190
RV2017-0573	2.285	101	479	1486	<2	2.75	<3	215
RV2017-0574	2.303	97	448	1506	<2	2.52	<3	196
RV2017-0575	2.276	37	242	635	<2	2.35	<3	251
RV2017-0576	2.172	61	538	1345	<2	2.72	<3	213
RV2017-0577	2.246	102	437	1104	<2	2.19	<3	184
RV2017-0578	2.253	53	150	373	<2	2.48	<3	215
RV2017-0579	2.249	48	272	633	<2	2.94	<3	225
RV2017-0580	2.193	99	448	1935	<2	2.88	<3	130
RV2017-0581	2.526	37	110	287	<2	2.48	<3	85
RV2017-0582	2.050	64	120	476	<2	2.59	<3	66
RV2017-0583	2.318	40	248	632	<2	2.39	<3	59
RV2017-0584	2.318	358	2170	6465	2	2.59	<3	67
RV2017-0585	0.497	1	14	23	<2	0.05	<3	<5
RV2017-0586	2.486	140	869	2818	<2	2.52	<3	116
*Dup RV2017-0586	<0.001	163	924	2498	<2	2.56	<3	114
RV2017-0587	2.303	58	264	695	<2	2.57	<3	76
RV2017-0588	2.228	49	234	781	<2	2.71	<3	54
RV2017-0589	2.387	174	875	2771	<2	3.01	<3	77
RV2017-0590	2.245	226	1369	4031	<2	2.48	<3	61
RV2017-0591	2.385	102	532	1456	<2	2.64	<3	55

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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
RV2017-0592	2.123	288	451	1293	<2	2.54	<3	57
RV2017-0593	2.191	13	70	118	<2	3.00	<3	111
RV2017-0594	2.372	55	179	450	<2	2.92	<3	183
RV2017-0595	2.418	28	60	132	<2	2.95	<3	164
RV2017-0596	2.239	8	22	81	<2	2.73	<3	169
RV2017-0597	2.453	8	63	108	<2	2.91	<3	143
RV2017-0598	2.319	216	1631	4718	<2	2.83	<3	135
RV2017-0599	2.095	76	534	1153	<2	2.87	<3	171
RV2017-0600	2.438	151	812	2363	<2	2.31	<3	91
RV2017-0601	2.267	63	335	1153	<2	1.58	4	42
RV2017-0602	2.198	<1	<10	4	<2	1.85	<3	442
RV2017-0603	2.056	<1	<10	2	<2	1.59	3	334
RV2017-0604	2.128	<1	<10	1	<2	1.98	<3	455
RV2017-0605	0.063	84	504	1530	<2	2.60	6	79
RV2017-0606	2.175	<1	<10	4	<2	2.04	<3	431
RV2017-0607	2.100	<1	<10	<1	<2	1.93	<3	388
RV2017-0608	2.219	<1	<10	<1	<2	2.08	<3	681
RV2017-0609	2.277	<1	<10	2	<2	2.95	<3	228
RV2017-0610	2.240	<1	<10	2	<2	3.22	<3	244
RV2017-0611	2.243	<1	<10	2	<2	2.04	<3	487
RV2017-0612	2.113	<1	<10	2	<2	2.60	3	603
RV2017-0613	2.157	<1	<10	4	<2	2.97	<3	282
RV2017-0614	2.242	<1	<10	<1	<2	0.95	<3	39
RV2017-0615	2.184	<1	<10	<1	<2	0.93	<3	121
RV2017-0616	2.512	<1	<10	4	<2	2.84	<3	488
RV2017-0617	2.305	<1	<10	4	<2	2.86	<3	246
RV2017-0618	2.326	<1	<10	3	<2	3.04	<3	108
RV2017-0619	2.374	<1	<10	4	<2	3.18	<3	174
RV2017-0620	2.273	<1	<10	2	<2	2.77	<3	229
RV2017-0621	2.367	<1	<10	1	<2	2.62	4	769
RV2017-0622	2.416	<1	<10	4	<2	2.17	<3	495
*Rep RV2017-0563		187	1135	3699				
*Rep RV2017-0616		<1	<10	3				
*Rep RV2017-0568					<2	2.58	<3	252
*Rep RV2017-0619					<2	3.33	<3	180

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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	%
RV2017-0553	<0.5	<5	0.09	<1	9	41	18.9	1.55
RV2017-0554	<0.5	<5	0.17	<1	14	36	33.2	1.57
RV2017-0555	<0.5	<5	0.05	<1	9	41	22.1	1.37
RV2017-0556	<0.5	<5	0.04	<1	7	35	22.6	1.11
RV2017-0557	<0.5	<5	0.04	<1	9	42	25.7	1.21
RV2017-0558	<0.5	<5	0.05	<1	8	40	24.3	1.30
RV2017-0559	<0.5	<5	0.04	<1	7	46	15.1	1.24
RV2017-0560	<0.5	<5	0.05	<1	8	47	22.0	1.35
RV2017-0561	<0.5	<5	1.09	<1	16	26	313	2.05
RV2017-0562	<0.5	<5	1.51	<1	14	29	249	1.83
RV2017-0563	<0.5	<5	1.10	<1	31	34	1276	2.64
RV2017-0564	<0.5	<5	1.29	<1	41	25	2187	2.97
RV2017-0565	<0.5	<5	2.51	<1	38	91	198	3.70
RV2017-0566	<0.5	<5	1.43	<1	30	28	1167	2.54
RV2017-0567	<0.5	<5	1.27	<1	15	36	219	2.09
RV2017-0568	<0.5	<5	1.59	<1	13	35	184	1.93
RV2017-0569	<0.5	<5	1.53	<1	20	64	461	2.64
RV2017-0570	<0.5	<5	1.88	<1	21	41	724	2.56
RV2017-0571	<0.5	<5	1.73	<1	16	40	348	2.27
RV2017-0572	<0.5	<5	1.61	<1	20	37	487	2.70
RV2017-0573	<0.5	<5	1.65	<1	22	43	960	2.52
RV2017-0574	<0.5	<5	1.32	<1	22	52	992	2.65
RV2017-0575	<0.5	<5	1.41	<1	16	60	411	2.07
RV2017-0576	<0.5	<5	1.27	<1	29	77	704	3.02
RV2017-0577	<0.5	<5	1.14	<1	34	107	1351	3.03
RV2017-0578	<0.5	<5	1.41	<1	21	89	746	2.67
RV2017-0579	<0.5	<5	1.42	<1	25	96	652	3.22
RV2017-0580	<0.5	<5	1.68	<1	24	80	1054	2.57
RV2017-0581	<0.5	<5	1.63	<1	16	68	670	2.13
RV2017-0582	<0.5	<5	1.60	<1	25	100	1078	2.60
RV2017-0583	<0.5	<5	1.45	<1	25	116	604	3.31
RV2017-0584	<0.5	6	1.48	<1	61	80	4485	3.54
RV2017-0585	<0.5	<5	0.02	<1	1	72	26.5	0.48
RV2017-0586	<0.5	<5	1.31	<1	31	59	1613	2.57
*Dup RV2017-0586	<0.5	<5	1.33	<1	30	57	1627	2.57
RV2017-0587	<0.5	<5	1.34	<1	21	58	733	2.44
RV2017-0588	<0.5	<5	1.55	<1	33	61	2015	2.49
RV2017-0589	<0.5	<5	0.96	<1	35	197	843	4.10
RV2017-0590	<0.5	<5	1.42	<1	33	66	2469	2.91
RV2017-0591	<0.5	<5	1.55	<1	21	65	1210	2.51

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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	%
RV2017-0592	<0.5	<5	1.73	<1	21	49	956	2.06
RV2017-0593	<0.5	<5	1.54	<1	19	50	143	2.57
RV2017-0594	<0.5	<5	1.50	<1	24	87	661	2.74
RV2017-0595	<0.5	<5	1.33	<1	25	52	407	3.10
RV2017-0596	<0.5	<5	1.11	<1	23	31	137	2.94
RV2017-0597	<0.5	<5	1.11	<1	28	55	123	3.41
RV2017-0598	<0.5	<5	1.15	<1	60	45	3003	3.91
RV2017-0599	<0.5	<5	1.40	<1	28	59	996	2.98
RV2017-0600	<0.5	<5	1.16	<1	46	83	2475	3.30
RV2017-0601	<0.5	<5	1.20	<1	29	146	1109	2.60
RV2017-0602	<0.5	<5	0.77	<1	19	268	56.6	2.93
RV2017-0603	<0.5	<5	0.59	<1	16	133	48.3	2.52
RV2017-0604	<0.5	<5	0.80	<1	18	220	43.0	2.97
RV2017-0605	<0.5	<5	1.53	<1	45	155	1358	3.37
RV2017-0606	<0.5	<5	0.69	<1	16	489	21.3	3.03
RV2017-0607	<0.5	<5	1.46	<1	20	144	37.0	3.33
RV2017-0608	<0.5	<5	1.28	<1	21	73	61.8	4.04
RV2017-0609	<0.5	<5	0.87	<1	35	290	87.1	5.31
RV2017-0610	<0.5	<5	0.72	<1	37	244	68.0	5.64
RV2017-0611	<0.5	<5	0.68	<1	19	211	17.2	3.84
RV2017-0612	<0.5	<5	0.63	<1	30	239	50.2	4.72
RV2017-0613	<0.5	<5	0.66	<1	38	344	65.1	5.24
RV2017-0614	<0.5	<5	0.67	<1	7	95	4.1	1.68
RV2017-0615	<0.5	<5	0.52	<1	10	75	43.7	1.42
RV2017-0616	<0.5	<5	0.97	<1	29	421	42.8	4.72
RV2017-0617	<0.5	<5	0.88	<1	39	371	114	4.95
RV2017-0618	<0.5	<5	0.92	<1	25	479	20.8	4.97
RV2017-0619	<0.5	<5	0.56	<1	46	364	117	5.84
RV2017-0620	<0.5	<5	0.82	<1	29	266	58.0	5.05
RV2017-0621	<0.5	<5	0.89	<1	31	122	83.2	4.87
RV2017-0622	<0.5	<5	0.64	<1	28	263	100.0	4.01
*Rep RV2017-0568	<0.5	<5	1.63	<1	14	36	194	1.97
*Rep RV2017-0619	<0.5	<5	0.50	<1	47	372	125	5.93

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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	%
RV2017-0553	<1	0.45	9.4	10	0.35	147	2	0.02
RV2017-0554	<1	0.52	12.7	11	0.36	137	2	0.13
RV2017-0555	<1	0.48	7.6	10	0.30	119	2	0.02
RV2017-0556	<1	0.38	3.9	8	0.24	98	2	0.02
RV2017-0557	<1	0.31	5.0	7	0.24	105	2	0.02
RV2017-0558	<1	0.33	10.7	8	0.30	112	2	0.02
RV2017-0559	<1	0.40	3.8	8	0.29	109	2	0.02
RV2017-0560	<1	0.32	20.4	8	0.32	122	2	0.02
RV2017-0561	<1	0.21	2.7	17	1.22	279	<1	0.21
RV2017-0562	<1	0.31	1.3	16	1.07	234	<1	0.34
RV2017-0563	<1	0.39	2.4	17	1.49	301	<1	0.25
RV2017-0564	<1	0.39	1.0	16	1.54	301	<1	0.31
RV2017-0565	<1	0.09	0.9	4	2.75	400	<1	0.61
RV2017-0566	<1	0.33	1.0	16	1.44	284	<1	0.31
RV2017-0567	<1	0.39	3.6	18	1.23	253	<1	0.25
RV2017-0568	<1	0.40	0.9	14	1.12	251	<1	0.36
RV2017-0569	<1	0.35	2.1	21	1.64	336	<1	0.27
RV2017-0570	<1	0.43	1.2	17	1.53	316	<1	0.44
RV2017-0571	<1	0.33	1.7	22	1.48	284	<1	0.37
RV2017-0572	<1	0.36	1.7	19	1.66	341	<1	0.28
RV2017-0573	<1	0.41	2.7	20	1.51	297	<1	0.33
RV2017-0574	<1	0.38	1.6	20	1.58	308	<1	0.25
RV2017-0575	<1	0.45	1.8	15	1.21	258	<1	0.30
RV2017-0576	<1	0.40	0.9	18	1.89	370	<1	0.27
RV2017-0577	<1	0.37	1.9	16	1.79	353	<1	0.21
RV2017-0578	<1	0.41	1.5	15	1.64	346	<1	0.28
RV2017-0579	<1	0.43	1.7	18	2.08	398	<1	0.30
RV2017-0580	<1	0.27	1.7	17	1.59	319	<1	0.36
RV2017-0581	<1	0.17	1.8	13	1.29	306	<1	0.37
RV2017-0582	<1	0.15	2.3	13	1.59	357	<1	0.34
RV2017-0583	<1	0.15	1.9	18	2.23	477	<1	0.20
RV2017-0584	<1	0.14	1.3	16	1.76	332	<1	0.29
RV2017-0585	<1	0.01	1.9	<1	0.02	45	2	0.02
RV2017-0586	<1	0.21	1.5	13	1.54	296	<1	0.31
*Dup RV2017-0586	<1	0.22	1.4	14	1.58	298	<1	0.31
RV2017-0587	<1	0.16	1.2	16	1.71	312	<1	0.32
RV2017-0588	<1	0.12	1.3	15	1.41	277	<1	0.35
RV2017-0589	<1	0.17	0.7	27	3.08	509	<1	0.17
RV2017-0590	<1	0.14	2.3	16	1.65	339	<1	0.28
RV2017-0591	<1	0.12	1.2	16	1.64	333	<1	0.32

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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	%
RV2017-0592	<1	0.13	1.1	15	1.26	278	<1	0.34
RV2017-0593	<1	0.22	1.0	17	1.78	354	<1	0.35
RV2017-0594	<1	0.34	1.3	17	1.83	360	<1	0.33
RV2017-0595	<1	0.34	1.1	18	2.15	419	<1	0.30
RV2017-0596	<1	0.34	1.0	19	2.09	385	<1	0.25
RV2017-0597	<1	0.32	0.9	22	2.47	435	<1	0.25
RV2017-0598	<1	0.29	1.4	23	2.28	405	<1	0.24
RV2017-0599	<1	0.36	1.4	22	1.91	364	<1	0.30
RV2017-0600	<1	0.21	2.0	26	1.91	340	<1	0.17
RV2017-0601	<1	0.13	9.0	19	1.63	316	<1	0.13
RV2017-0602	<1	1.03	20.1	24	1.88	330	<1	0.10
RV2017-0603	<1	0.84	19.2	24	1.52	268	1	0.12
RV2017-0604	<1	1.07	16.7	27	1.96	331	<1	0.09
RV2017-0605	<1	0.21	4.7	10	2.36	297	<1	0.30
RV2017-0606	<1	1.04	14.0	34	2.28	367	2	0.10
RV2017-0607	<1	0.45	11.3	15	1.95	405	<1	0.14
RV2017-0608	<1	0.69	24.8	17	1.71	362	<1	0.13
RV2017-0609	<1	0.33	15.2	25	2.95	531	2	0.13
RV2017-0610	<1	0.36	11.0	26	3.06	579	1	0.13
RV2017-0611	<1	0.61	9.8	15	1.84	377	<1	0.14
RV2017-0612	<1	0.67	16.0	21	2.35	453	2	0.14
RV2017-0613	<1	0.35	58.6	29	3.05	546	<1	0.11
RV2017-0614	<1	0.07	11.5	11	0.91	212	<1	0.14
RV2017-0615	<1	0.15	13.8	12	0.79	152	<1	0.15
RV2017-0616	<1	0.54	19.0	25	3.10	528	<1	0.11
RV2017-0617	<1	0.31	14.9	24	3.23	552	2	0.10
RV2017-0618	<1	0.17	12.0	28	3.62	593	<1	0.09
RV2017-0619	<1	0.28	9.9	25	3.21	601	1	0.11
RV2017-0620	<1	0.34	12.7	22	2.72	544	2	0.14
RV2017-0621	<1	0.71	14.4	23	2.34	477	<1	0.13
RV2017-0622	<1	0.57	21.5	23	2.10	413	1	0.13
*Rep RV2017-0568	<1	0.42	0.9	13	1.14	257	<1	0.38
*Rep RV2017-0619	<1	0.30	9.4	26	3.34	606	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
RV2017-0553	24	0.01	3	0.12	<5	0.6	<10	5.0
RV2017-0554	40	0.02	5	0.21	<5	0.8	<10	6.8
RV2017-0555	29	0.02	3	0.17	<5	0.7	<10	5.8
RV2017-0556	22	0.01	3	0.11	<5	<0.5	<10	4.9
RV2017-0557	27	0.02	6	0.19	<5	0.5	<10	5.5
RV2017-0558	26	0.01	5	0.18	<5	0.5	<10	5.3
RV2017-0559	21	0.02	3	0.14	<5	0.6	<10	5.3
RV2017-0560	25	0.01	5	0.17	<5	0.5	<10	5.1
RV2017-0561	51	<0.01	<2	0.06	<5	4.2	<10	60.2
RV2017-0562	47	<0.01	<2	0.05	<5	4.7	<10	90.4
RV2017-0563	185	<0.01	4	0.28	<5	4.9	<10	62.8
RV2017-0564	329	<0.01	<2	0.44	<5	3.3	<10	73.1
RV2017-0565	250	<0.01	<2	0.05	<5	2.3	<10	162
RV2017-0566	219	<0.01	<2	0.27	<5	4.1	<10	77.9
RV2017-0567	51	0.01	<2	0.05	<5	4.7	<10	68.1
RV2017-0568	44	<0.01	<2	0.03	<5	5.1	<10	90.8
RV2017-0569	81	0.01	<2	0.08	<5	6.0	<10	72.8
RV2017-0570	117	0.01	<2	0.12	<5	5.1	<10	111
RV2017-0571	60	0.01	<2	0.05	<5	5.4	<10	99.9
RV2017-0572	81	0.02	<2	0.07	<5	5.3	<10	76.2
RV2017-0573	132	0.01	<2	0.17	<5	5.6	<10	98.1
RV2017-0574	117	0.01	<2	0.15	<5	4.1	<10	71.1
RV2017-0575	62	0.01	<2	0.07	<5	4.5	<10	83.4
RV2017-0576	170	<0.01	<2	0.18	<5	4.6	<10	68.3
RV2017-0577	211	<0.01	<2	0.29	<5	6.0	<10	51.6
RV2017-0578	109	<0.01	<2	0.11	<5	6.0	<10	71.2
RV2017-0579	163	0.01	<2	0.11	<5	5.9	<10	75.4
RV2017-0580	228	<0.01	<2	0.22	<5	6.0	<10	100
RV2017-0581	99	0.01	<2	0.11	<5	5.7	<10	84.3
RV2017-0582	206	<0.01	<2	0.21	<5	5.7	<10	76.8
RV2017-0583	209	<0.01	<2	0.10	<5	6.4	<10	43.3
RV2017-0584	842	<0.01	3	0.96	<5	6.0	<10	72.4
RV2017-0585	7	<0.01	<2	<0.01	<5	<0.5	<10	5.1
RV2017-0586	304	0.01	<2	0.36	<5	4.6	<10	69.4
*Dup RV2017-0586	290	<0.01	<2	0.33	<5	4.7	<10	70.5
RV2017-0587	115	<0.01	<2	0.10	<5	4.7	<10	68.5
RV2017-0588	355	<0.01	<2	0.43	<5	4.5	<10	85.9
RV2017-0589	242	<0.01	<2	0.12	<5	5.5	<10	33.7
RV2017-0590	442	0.01	2	0.46	<5	5.2	<10	71.5
RV2017-0591	188	0.01	<2	0.19	<5	5.4	<10	78.9

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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
RV2017-0592	155	<0.01	<2	0.19	<5	5.7	<10	94.8
RV2017-0593	82	<0.01	<2	0.02	<5	4.7	<10	85.4
RV2017-0594	121	<0.01	<2	0.11	<5	5.5	<10	84.3
RV2017-0595	111	<0.01	<2	0.06	<5	5.7	<10	72.8
RV2017-0596	105	<0.01	<2	0.02	<5	4.6	<10	62.0
RV2017-0597	141	<0.01	<2	0.02	<5	4.9	<10	59.5
RV2017-0598	669	<0.01	4	0.76	<5	5.0	<10	68.6
RV2017-0599	233	<0.01	<2	0.21	<5	5.2	<10	91.3
RV2017-0600	543	<0.01	4	0.61	<5	5.7	<10	74.2
RV2017-0601	309	0.04	3	0.29	<5	5.2	<10	54.0
RV2017-0602	105	0.11	2	0.08	<5	4.4	<10	40.3
RV2017-0603	53	0.08	8	0.08	<5	4.5	<10	50.0
RV2017-0604	74	0.09	6	0.08	<5	6.4	<10	65.7
RV2017-0605	381	0.01	5	0.41	<5	7.4	<10	55.3
RV2017-0606	108	0.03	12	0.03	<5	7.5	<10	46.6
RV2017-0607	62	0.19	<2	0.10	<5	8.5	<10	79.3
RV2017-0608	37	0.24	<2	0.26	<5	4.1	<10	115
RV2017-0609	154	0.03	4	0.34	<5	12.0	<10	78.8
RV2017-0610	139	0.02	5	0.20	<5	11.1	<10	72.5
RV2017-0611	102	0.03	<2	0.03	<5	7.0	<10	85.4
RV2017-0612	127	0.03	2	0.12	<5	8.6	<10	83.6
RV2017-0613	144	0.05	3	0.17	<5	8.6	<10	78.2
RV2017-0614	38	0.08	3	0.01	<5	3.1	<10	66.9
RV2017-0615	34	0.08	9	0.06	<5	3.2	<10	70.5
RV2017-0616	184	0.13	<2	0.12	<5	7.3	<10	68.9
RV2017-0617	166	0.11	<2	0.23	<5	7.4	<10	53.0
RV2017-0618	192	0.13	<2	0.04	<5	5.1	<10	43.1
RV2017-0619	179	0.01	4	0.36	<5	10.9	<10	63.6
RV2017-0620	132	0.06	4	0.24	<5	9.7	<10	79.7
RV2017-0621	76	0.11	2	0.20	<5	7.6	<10	92.0
RV2017-0622	145	0.04	3	0.18	<5	7.2	<10	70.6
*Rep RV2017-0568	46	<0.01	<2	0.03	<5	5.3	<10	95.8
*Rep RV2017-0619	184	0.01	4	0.35	<5	9.9	<10	58.3

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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
RV2017-0553	0.04	6	<10	2.6	56	6.7
RV2017-0554	0.04	8	<10	4.7	44	12.4
RV2017-0555	0.03	6	<10	2.8	19	9.3
RV2017-0556	0.02	5	<10	2.2	16	7.0
RV2017-0557	0.01	5	<10	3.6	10	9.0
RV2017-0558	0.02	5	<10	3.6	14	7.2
RV2017-0559	0.03	6	<10	3.2	12	9.4
RV2017-0560	0.03	6	<10	4.3	15	7.4
RV2017-0561	0.08	36	<10	1.9	25	1.3
RV2017-0562	0.08	35	<10	1.4	22	0.8
RV2017-0563	0.09	38	<10	1.6	59	1.2
RV2017-0564	0.09	31	<10	1.2	51	<0.5
RV2017-0565	0.03	33	<10	0.9	16	0.7
RV2017-0566	0.08	31	<10	1.3	39	0.6
RV2017-0567	0.10	34	<10	2.1	26	2.1
RV2017-0568	0.10	37	<10	1.4	23	0.6
RV2017-0569	0.11	44	<10	2.3	33	1.0
RV2017-0570	0.11	39	<10	2.0	36	0.7
RV2017-0571	0.12	50	<10	2.2	22	0.9
RV2017-0572	0.12	53	<10	2.3	32	0.9
RV2017-0573	0.11	44	<10	2.3	32	1.1
RV2017-0574	0.09	35	<10	1.6	41	0.8
RV2017-0575	0.12	43	<10	1.8	28	1.2
RV2017-0576	0.09	36	<10	1.3	43	<0.5
RV2017-0577	0.09	39	<10	2.0	51	1.4
RV2017-0578	0.11	43	<10	1.8	41	0.8
RV2017-0579	0.10	41	<10	1.8	48	0.6
RV2017-0580	0.09	42	<10	2.1	42	0.6
RV2017-0581	0.09	38	<10	2.2	32	0.6
RV2017-0582	0.08	35	<10	2.2	43	0.8
RV2017-0583	0.08	37	<10	2.1	46	0.7
RV2017-0584	0.08	36	<10	1.9	80	<0.5
RV2017-0585	<0.01	<1	<10	<0.5	1	1.3
RV2017-0586	0.08	30	<10	1.5	43	<0.5
*Dup RV2017-0586	0.08	30	<10	1.6	42	<0.5
RV2017-0587	0.08	31	<10	1.5	36	<0.5
RV2017-0588	0.06	27	<10	1.5	45	0.5
RV2017-0589	0.09	39	<10	1.2	59	<0.5
RV2017-0590	0.08	32	<10	2.8	54	1.1
RV2017-0591	0.08	33	<10	2.1	43	0.5

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Final : SU1700786 Order:

Report File No.: 0000011689

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
RV2017-0592	0.08	32	<10	2.1	33	0.8
RV2017-0593	0.08	30	<10	1.5	35	<0.5
RV2017-0594	0.09	37	<10	1.6	43	<0.5
RV2017-0595	0.09	35	<10	1.3	44	<0.5
RV2017-0596	0.09	32	<10	1.1	37	<0.5
RV2017-0597	0.08	33	<10	1.1	43	<0.5
RV2017-0598	0.08	31	<10	1.3	66	<0.5
RV2017-0599	0.08	34	<10	1.5	47	<0.5
RV2017-0600	0.09	37	<10	2.0	57	1.0
RV2017-0601	0.13	32	<10	4.7	39	2.4
RV2017-0602	0.19	46	<10	7.7	43	3.1
RV2017-0603	0.15	38	<10	10.4	37	4.7
RV2017-0604	0.26	68	<10	10.7	53	5.3
RV2017-0605	0.07	45	<10	2.0	59	1.7
RV2017-0606	0.18	62	<10	16.7	49	8.7
RV2017-0607	0.22	87	<10	8.0	59	2.2
RV2017-0608	0.23	76	<10	7.4	64	0.9
RV2017-0609	0.19	130	<10	3.3	123	1.3
RV2017-0610	0.18	128	<10	2.5	143	<0.5
RV2017-0611	0.20	80	<10	3.7	71	1.6
RV2017-0612	0.22	108	<10	4.0	91	1.5
RV2017-0613	0.16	105	<10	5.1	114	2.2
RV2017-0614	0.08	22	<10	4.5	31	1.4
RV2017-0615	0.06	23	<10	4.0	31	2.3
RV2017-0616	0.22	92	<10	7.1	105	2.4
RV2017-0617	0.19	92	<10	7.1	110	2.4
RV2017-0618	0.16	69	<10	5.7	118	1.5
RV2017-0619	0.18	133	<10	2.3	119	<0.5
RV2017-0620	0.21	114	<10	3.6	97	1.2
RV2017-0621	0.22	101	<10	6.4	90	0.9
RV2017-0622	0.21	79	<10	5.5	76	2.2
*Rep RV2017-0568	0.10	39	<10	1.5	24	0.6
*Rep RV2017-0619	0.17	137	<10	2.1	118	0.6

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