Certificate of Analysis
Work Order : SU1700907
[Report File No.: 0000012233]

Date: October 19, 2017

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

P.O. No.: RV2017 1023-1094
Project No.: RIVER VALLEY PGM
Samples: 72
Received: Sep 27, 2017
Pages: Page 1 to 16
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
72	SHIP	Shipping
72	G_WGH79	Weighing of samples and reporting of weights
70	G_PRP92	Weigh, Dry, to 3kg, Crush 90% -2mm, Split to 500g, Pulverise to 85% -75µm
72	GE_FAI313	@Au, Pt, Pd, FAS, ICP-AES, 30g - 5ml
72	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
RV2017-1023	2.289	5	20	50	<2	3.80	4	216
RV2017-1024	2.474	2	<10	7	<2	4.16	3	190
RV2017-1025	0.613	2	<10	3	<2	0.03	<3	<5
RV2017-1026	2.089	5	<10	5	<2	3.51	4	122
RV2017-1027	2.435	4	<10	6	<2	3.94	4	272
RV2017-1028	2.378	2	<10	6	<2	2.52	<3	132
RV2017-1029	2.382	2	<10	2	<2	1.59	<3	85
RV2017-1030	2.327	2	<10	2	<2	1.72	<3	242
RV2017-1031	2.354	2	<10	1	<2	1.70	<3	186
RV2017-1032	2.589	2	<10	3	<2	1.64	<3	104
RV2017-1033	2.799	2	<10	2	<2	1.53	<3	103
RV2017-1034	2.169	2	<10	1	<2	4.26	<3	164
RV2017-1035	2.084	2	<10	6	<2	2.30	<3	64
RV2017-1036	2.706	2	<10	3	<2	1.52	<3	57
RV2017-1037	2.440	3	21	18	<2	3.00	<3	145
RV2017-1038	2.404	15	118	323	<2	2.39	<3	137
RV2017-1039	2.512	69	415	1111	<2	3.89	6	135
RV2017-1040	2.511	4	22	57	<2	3.22	<3	175
RV2017-1041	2.238	4	56	53	<2	3.35	<3	187
RV2017-1042	2.150	15	93	304	<2	3.85	6	344
RV2017-1043	2.433	72	566	1661	<2	2.71	3	248
RV2017-1044	2.111	128	596	2034	<2	2.41	<3	214
RV2017-1045	0.072	18	158	353	<2	4.05	<3	43
RV2017-1046	2.747	69	301	835	<2	2.99	4	105
RV2017-1047	2.459	93	505	1318	<2	3.14	<3	41
RV2017-1048	2.075	63	301	862	<2	2.59	<3	19
RV2017-1049	2.261	71	319	928	<2	2.71	<3	21
RV2017-1050	1.818	80	438	1317	<2	2.61	<3	24
RV2017-1051	2.456	73	333	952	<2	2.45	<3	27
RV2017-1052	1.732	43	307	855	<2	2.56	<3	60
RV2017-1053	2.473	49	258	842	<2	2.45	<3	70
RV2017-1054	2.213	129	797	2902	<2	2.49	<3	56
RV2017-1055	2.150	63	656	1939	<2	2.95	<3	78
RV2017-1056	2.260	64	584	1731	<2	3.33	<3	58
*Dup RV2017-1056	<0.001	69	596	1649	<2	3.28	<3	54
RV2017-1057	1.875	96	782	2189	<2	2.98	3	114
RV2017-1058	1.969	4	36	57	<2	2.56	<3	170
RV2017-1059	1.832	5	18	20	<2	2.63	<3	101
RV2017-1060	1.847	5	33	56	<2	3.57	<3	75
RV2017-1061	2.276	6	66	109	<2	4.11	4	63

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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
RV2017-1062	1.917	6	50	83	<2	3.78	<3	53
RV2017-1063	2.139	7	40	48	<2	2.76	<3	18
RV2017-1064	2.116	9	26	25	<2	2.18	<3	39
RV2017-1065	0.937	1	<10	4	<2	0.05	<3	<5
RV2017-1066	1.818	9	33	38	<2	2.85	<3	47
RV2017-1067	2.019	7	26	31	<2	2.41	<3	12
RV2017-1068	2.074	6	35	42	<2	2.74	<3	14
RV2017-1069	2.115	10	24	38	<2	3.04	3	17
RV2017-1070	1.874	5	39	49	<2	3.16	<3	18
RV2017-1071	1.862	6	57	60	<2	3.25	4	20
RV2017-1072	2.144	6	58	83	<2	3.76	<3	36
RV2017-1073	1.980	6	46	77	<2	3.50	3	75
RV2017-1074	1.940	8	49	54	<2	3.90	<3	57
RV2017-1075	2.532	40	86	88	<2	2.69	<3	114
RV2017-1076	2.224	52	152	156	<2	3.59	4	91
RV2017-1077	2.825	5	43	45	<2	4.04	3	32
RV2017-1078	2.567	6	52	43	<2	3.47	<3	34
RV2017-1079	2.382	5	71	71	<2	3.74	<3	23
RV2017-1080	2.979	14	102	94	<2	3.02	<3	44
RV2017-1081	2.591	16	69	60	<2	1.92	<3	98
RV2017-1082	2.619	8	53	55	<2	3.84	<3	25
RV2017-1083	2.181	8	41	38	<2	3.44	3	23
RV2017-1084	2.487	5	62	43	<2	4.24	4	37
RV2017-1085	0.068	85	488	1580	<2	2.44	4	68
RV2017-1086	2.673	19	110	126	<2	2.89	4	55
RV2017-1087	2.460	5	65	72	<2	3.65	<3	26
RV2017-1088	2.552	11	36	34	<2	2.93	<3	23
RV2017-1089	2.600	7	87	111	<2	3.93	<3	33
RV2017-1090	2.697	8	99	236	<2	3.48	<3	24
RV2017-1091	2.587	18	71	80	<2	3.66	<3	37
RV2017-1092	2.279	8	45	62	<2	4.41	<3	49
RV2017-1093	2.540	5	23	21	<2	2.43	4	45
RV2017-1094	2.211	9	<10	<1	<2	0.69	6	48
*Rep RV2017-1055		64	729	2010				
*Rep RV2017-1058		4	35	58				
*Std CDN-PGMS-25		457	397	1888				
*Blk BLANK		2	<10	<1				
*Rep RV2017-1023					<2	3.75	4	210
*Rep RV2017-1061					<2	4.05	3	66
*Std OREAS-902					<2	0.56	587	14

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Element	Ag	Al	As	Ba
Method	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B
Det.Lim.	2	0.01	3	5
Units	ppm	%	ppm	ppm
*Std OREAS-901	<2	0.94	70	87
*Std OREAS-903	<2	0.58	52	65
*Blk BLANK	<2	<0.01	<3	<5

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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	%
RV2017-1023	<0.5	<5	0.65	<1	48	434	155	6.78
RV2017-1024	<0.5	<5	0.74	<1	47	447	144	7.45
RV2017-1025	<0.5	<5	0.02	<1	<1	34	69.3	0.54
RV2017-1026	<0.5	<5	0.68	<1	57	406	176	6.53
RV2017-1027	<0.5	<5	0.63	<1	45	409	110	6.94
RV2017-1028	<0.5	<5	1.16	<1	36	263	91.1	4.41
RV2017-1029	<0.5	<5	1.19	<1	22	99	69.4	2.79
RV2017-1030	<0.5	<5	1.19	<1	24	118	64.4	2.94
RV2017-1031	<0.5	<5	0.68	<1	15	143	24.0	2.78
RV2017-1032	<0.5	<5	1.14	<1	18	182	47.7	2.82
RV2017-1033	<0.5	<5	1.23	<1	22	180	50.8	2.34
RV2017-1034	<0.5	<5	2.39	<1	35	170	89.5	5.95
RV2017-1035	<0.5	<5	1.03	<1	23	255	31.7	3.41
RV2017-1036	<0.5	<5	1.09	<1	17	223	23.2	2.56
RV2017-1037	<0.5	<5	1.14	<1	35	122	78.5	4.64
RV2017-1038	<0.5	<5	1.15	<1	39	81	370	4.37
RV2017-1039	<0.5	<5	0.45	<1	80	565	1217	7.75
RV2017-1040	<0.5	<5	0.41	<1	44	408	194	5.46
RV2017-1041	<0.5	<5	0.46	<1	44	450	196	5.71
RV2017-1042	<0.5	<5	0.63	<1	47	456	447	6.77
RV2017-1043	<0.5	<5	1.34	<1	56	171	1487	5.14
RV2017-1044	<0.5	<5	1.67	<1	53	66	2015	4.72
RV2017-1045	<0.5	<5	2.83	<1	39	97	203	3.83
RV2017-1046	<0.5	<5	1.39	<1	42	140	1592	4.43
RV2017-1047	<0.5	<5	1.60	<1	35	81	1442	3.15
RV2017-1048	<0.5	<5	1.56	<1	29	41	1433	2.28
RV2017-1049	<0.5	<5	1.53	<1	28	52	1252	2.67
RV2017-1050	<0.5	<5	1.36	<1	27	43	1116	2.69
RV2017-1051	<0.5	<5	1.00	<1	34	70	1225	3.41
RV2017-1052	<0.5	<5	0.84	<1	41	204	1337	4.08
RV2017-1053	<0.5	<5	1.07	<1	36	71	1403	3.28
RV2017-1054	<0.5	<5	1.19	<1	40	68	2005	3.18
RV2017-1055	<0.5	<5	1.56	<1	33	23	1739	2.82
RV2017-1056	<0.5	<5	1.88	<1	36	60	755	2.67
*Dup RV2017-1056	<0.5	<5	1.84	<1	36	54	838	2.73
RV2017-1057	<0.5	<5	0.94	<1	40	84	2165	3.83
RV2017-1058	<0.5	<5	0.93	<1	21	81	70.4	2.83
RV2017-1059	<0.5	<5	1.33	<1	15	46	124	2.05
RV2017-1060	<0.5	<5	1.24	<1	37	41	90.9	3.92
RV2017-1061	<0.5	<5	0.56	<1	59	40	98.2	6.29

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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	%
RV2017-1062	<0.5	<5	0.62	<1	60	51	108	6.06
RV2017-1063	<0.5	<5	1.39	<1	19	39	102	2.26
RV2017-1064	<0.5	<5	1.33	<1	18	33	161	2.17
RV2017-1065	<0.5	<5	0.02	<1	<1	30	64.3	0.47
RV2017-1066	<0.5	<5	1.16	<1	25	37	112	2.87
RV2017-1067	<0.5	<5	1.23	<1	17	30	87.6	2.01
RV2017-1068	<0.5	<5	1.50	<1	14	26	82.1	1.68
RV2017-1069	<0.5	<5	1.29	<1	29	36	186	3.17
RV2017-1070	<0.5	<5	1.29	<1	27	37	75.8	2.96
RV2017-1071	<0.5	<5	1.28	<1	32	49	111	3.45
RV2017-1072	<0.5	<5	1.25	<1	42	37	114	4.14
RV2017-1073	<0.5	<5	0.70	<1	49	36	98.5	5.06
RV2017-1074	<0.5	<5	1.50	<1	39	51	170	4.16
RV2017-1075	<0.5	<5	0.70	<1	35	45	595	3.89
RV2017-1076	<0.5	<5	0.85	<1	44	39	951	4.92
RV2017-1077	<0.5	<5	1.69	<1	28	32	99.3	3.23
RV2017-1078	<0.5	<5	1.58	<1	22	28	84.9	2.47
RV2017-1079	<0.5	<5	1.61	<1	25	33	59.7	2.94
RV2017-1080	<0.5	<5	1.29	<1	29	33	234	2.79
RV2017-1081	<0.5	<5	1.16	<1	23	43	263	2.74
RV2017-1082	<0.5	<5	1.51	<1	30	32	104	3.37
RV2017-1083	<0.5	<5	1.33	<1	34	36	96.4	3.83
RV2017-1084	<0.5	<5	1.80	<1	32	36	85.1	3.41
RV2017-1085	<0.5	<5	1.36	<1	42	135	1322	3.12
RV2017-1086	<0.5	<5	1.41	<1	39	42	424	3.66
RV2017-1087	<0.5	<5	2.46	<1	9	27	49.1	1.10
RV2017-1088	<0.5	<5	2.26	<1	16	26	213	1.98
RV2017-1089	<0.5	<5	2.65	<1	9	26	56.4	1.15
RV2017-1090	<0.5	<5	2.14	<1	13	36	73.6	1.71
RV2017-1091	<0.5	<5	2.25	<1	15	36	291	1.77
RV2017-1092	<0.5	<5	2.77	<1	11	45	107	1.59
RV2017-1093	<0.5	<5	1.01	<1	24	76	81.7	2.70
RV2017-1094	<0.5	<5	0.18	<1	14	33	90.0	0.95
*Rep RV2017-1023	<0.5	<5	0.65	<1	46	421	161	6.86
*Rep RV2017-1061	<0.5	<5	0.54	<1	59	41	102	6.25
*Std OREAS-902	1.1	9	4.25	8	909	23	3207	3.17

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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	%
*Std OREAS-901	4.9	<5	0.09	<1	71	24	1449	3.71
*Std OREAS-903	3.0	10	0.63	<1	129	28	6720	4.10
*Blk BLANK	<0.5	<5	<0.01	<1	<1	<1	<0.5	<0.01

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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	%
RV2017-1023	<1	0.34	3.9	28	3.81	682	<1	0.11
RV2017-1024	<1	0.31	4.5	33	4.34	766	<1	0.11
RV2017-1025	<1	0.01	1.2	<1	0.02	55	3	<0.01
RV2017-1026	<1	0.25	5.0	30	3.63	614	5	0.12
RV2017-1027	<1	0.46	3.5	32	3.98	665	1	0.10
RV2017-1028	<1	0.32	11.3	26	2.77	483	<1	0.12
RV2017-1029	<1	0.19	12.2	17	1.79	373	<1	0.09
RV2017-1030	<1	0.42	9.6	19	1.90	379	<1	0.11
RV2017-1031	<1	0.34	13.6	18	1.86	343	<1	0.07
RV2017-1032	<1	0.23	10.4	17	2.05	410	<1	0.09
RV2017-1033	<1	0.22	8.5	13	1.72	335	<1	0.13
RV2017-1034	<1	0.38	5.7	27	3.71	742	<1	0.26
RV2017-1035	<1	0.15	7.8	27	2.74	429	<1	0.10
RV2017-1036	<1	0.15	7.7	14	2.03	377	1	0.09
RV2017-1037	<1	0.47	6.5	23	2.91	532	<1	0.13
RV2017-1038	<1	0.64	3.7	20	2.46	481	4	0.10
RV2017-1039	<1	0.49	6.9	33	4.30	724	2	0.06
RV2017-1040	<1	0.67	10.1	28	3.47	562	8	0.08
RV2017-1041	<1	0.74	10.2	33	3.82	598	1	0.07
RV2017-1042	<1	1.16	11.2	44	4.17	679	3	0.05
RV2017-1043	<1	0.89	5.8	24	2.36	519	2	0.09
RV2017-1044	<1	0.70	2.0	18	1.79	470	<1	0.09
RV2017-1045	<1	0.11	1.2	4	2.93	417	<1	0.72
RV2017-1046	<1	0.55	1.9	23	2.58	477	<1	0.18
RV2017-1047	<1	0.19	1.3	23	2.08	344	<1	0.35
RV2017-1048	<1	0.07	1.1	18	1.45	263	<1	0.34
RV2017-1049	<1	0.10	1.8	28	2.01	297	<1	0.31
RV2017-1050	<1	0.11	1.4	27	1.83	313	<1	0.27
RV2017-1051	<1	0.14	1.3	25	2.28	384	<1	0.15
RV2017-1052	<1	0.31	2.0	20	2.64	434	<1	0.10
RV2017-1053	<1	0.34	1.3	22	2.02	338	<1	0.18
RV2017-1054	<1	0.28	1.2	21	1.75	311	<1	0.21
RV2017-1055	<1	0.31	1.7	18	1.61	301	1	0.32
RV2017-1056	<1	0.25	0.7	24	1.62	306	<1	0.41
*Dup RV2017-1056	<1	0.24	0.6	23	1.61	306	<1	0.40
RV2017-1057	<1	0.56	0.7	21	2.44	397	<1	0.19
RV2017-1058	<1	0.83	1.6	18	1.88	309	1	0.16
RV2017-1059	<1	0.47	0.6	17	1.37	259	<1	0.28
RV2017-1060	<1	0.40	1.1	19	2.74	423	<1	0.27
RV2017-1061	<1	0.35	1.1	27	4.49	644	<1	0.10

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Final : SU1700907 Order: RV2017 1023-1094

Report File No.: 0000012233

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	%
RV2017-1062	<1	0.28	1.3	22	4.43	614	<1	0.09
RV2017-1063	<1	0.06	1.3	13	1.53	271	<1	0.37
RV2017-1064	<1	0.16	3.9	10	1.20	269	<1	0.30
RV2017-1065	<1	0.01	1.4	<1	0.02	48	3	<0.01
RV2017-1066	<1	0.17	1.7	14	1.90	315	<1	0.30
RV2017-1067	<1	0.05	1.9	13	1.33	244	<1	0.32
RV2017-1068	<1	0.04	1.1	10	1.12	211	<1	0.43
RV2017-1069	<1	0.08	1.6	19	2.34	352	<1	0.31
RV2017-1070	<1	0.07	1.4	18	2.21	335	<1	0.34
RV2017-1071	<1	0.08	1.3	18	2.56	381	<1	0.31
RV2017-1072	<1	0.16	1.4	20	3.12	445	<1	0.31
RV2017-1073	<1	0.40	1.7	24	3.63	517	<1	0.14
RV2017-1074	<1	0.28	1.6	19	3.10	431	<1	0.37
RV2017-1075	<1	0.39	2.1	16	2.46	401	<1	0.14
RV2017-1076	<1	0.30	1.5	19	2.88	501	<1	0.21
RV2017-1077	<1	0.10	0.8	18	2.18	377	<1	0.51
RV2017-1078	<1	0.10	0.9	14	1.63	284	<1	0.48
RV2017-1079	<1	0.08	0.7	18	2.09	342	<1	0.47
RV2017-1080	<1	0.13	1.1	15	1.75	304	<1	0.36
RV2017-1081	<1	0.31	2.8	9	1.46	321	<1	0.22
RV2017-1082	<1	0.07	1.0	19	2.27	371	<1	0.44
RV2017-1083	<1	0.09	1.5	19	2.83	392	<1	0.27
RV2017-1084	<1	0.13	1.1	20	2.53	356	<1	0.49
RV2017-1085	<1	0.22	4.2	11	2.17	249	<1	0.27
RV2017-1086	<1	0.21	3.5	15	2.20	399	<1	0.28
RV2017-1087	<1	0.11	1.3	16	0.59	155	<1	0.66
RV2017-1088	<1	0.11	3.3	12	0.85	264	<1	0.51
RV2017-1089	<1	0.09	1.0	10	0.61	143	<1	0.73
RV2017-1090	<1	0.11	0.9	18	1.07	216	<1	0.56
RV2017-1091	<1	0.10	1.3	18	1.13	221	<1	0.63
RV2017-1092	<1	0.14	1.0	19	1.03	208	<1	0.81
RV2017-1093	<1	0.42	7.2	26	1.67	305	1	0.23
RV2017-1094	<1	0.36	7.1	11	0.30	93	2	<0.01
*Rep RV2017-1023	<1	0.35	3.9	27	3.87	692	<1	0.10
*Rep RV2017-1061	<1	0.35	1.2	26	4.43	639	<1	0.10
*Std OREAS-902	<1	0.30	15.1	4	2.32	480	12	<0.01

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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	%
*Std OREAS-901	<1	0.50	34.3	3	0.13	296	3	<0.01
*Std OREAS-903	<1	0.34	21.3	2	0.23	714	4	<0.01
*Blk BLANK	<1	<0.01	<0.5	<1	<0.01	<2	<1	<0.01

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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
RV2017-1023	262	<0.01	5	0.51	<5	12.0	<10	33.0
RV2017-1024	260	<0.01	4	0.42	<5	14.7	<10	36.5
RV2017-1025	14	<0.01	<2	0.01	<5	<0.5	<10	2.5
RV2017-1026	257	<0.01	8	0.72	<5	13.9	<10	47.9
RV2017-1027	224	<0.01	5	0.35	<5	11.3	<10	38.2
RV2017-1028	118	0.07	6	0.34	<5	10.6	<10	62.6
RV2017-1029	49	0.11	2	0.10	<5	7.3	<10	59.5
RV2017-1030	55	0.13	<2	0.09	<5	8.0	<10	49.7
RV2017-1031	69	0.09	2	0.02	<5	4.8	<10	35.6
RV2017-1032	71	0.11	3	0.03	<5	6.6	<10	36.1
RV2017-1033	66	0.11	<2	0.07	<5	6.2	<10	64.7
RV2017-1034	84	0.19	4	0.16	<5	9.7	<10	248
RV2017-1035	98	0.11	2	0.04	<5	5.9	<10	61.7
RV2017-1036	81	0.07	<2	0.02	<5	7.7	<10	44.5
RV2017-1037	140	0.03	4	0.08	<5	8.3	<10	73.5
RV2017-1038	214	0.02	4	0.21	<5	8.1	<10	60.0
RV2017-1039	701	0.03	7	1.14	<5	8.4	<10	31.5
RV2017-1040	215	0.01	6	0.44	<5	9.8	<10	31.9
RV2017-1041	227	0.04	9	0.34	<5	11.1	<10	32.9
RV2017-1042	254	0.02	21	0.44	<5	12.5	<10	38.9
RV2017-1043	414	0.03	5	0.56	<5	10.7	<10	84.4
RV2017-1044	437	0.01	4	0.63	<5	10.2	<10	116
RV2017-1045	247	0.01	4	0.05	<5	2.5	<10	182
RV2017-1046	311	<0.01	4	0.33	<5	9.1	<10	68.4
RV2017-1047	264	<0.01	6	0.31	<5	7.1	<10	88.8
RV2017-1048	208	<0.01	5	0.29	<5	5.7	<10	83.9
RV2017-1049	189	<0.01	3	0.24	<5	7.3	<10	78.3
RV2017-1050	165	<0.01	3	0.18	<5	5.8	<10	71.5
RV2017-1051	197	<0.01	4	0.21	<5	5.5	<10	45.3
RV2017-1052	266	<0.01	4	0.25	<5	6.1	<10	32.3
RV2017-1053	213	<0.01	3	0.29	<5	5.9	<10	52.1
RV2017-1054	438	<0.01	3	0.49	<5	4.9	<10	64.4
RV2017-1055	315	0.01	4	0.34	<5	3.7	<10	82.8
RV2017-1056	356	<0.01	4	0.28	<5	3.3	<10	95.6
*Dup RV2017-1056	356	<0.01	3	0.29	<5	3.0	<10	94.7
RV2017-1057	433	<0.01	4	0.34	<5	4.6	<10	47.7
RV2017-1058	64	<0.01	2	0.02	<5	4.9	<10	58.0
RV2017-1059	42	<0.01	3	0.02	<5	2.4	<10	84.8
RV2017-1060	146	<0.01	3	0.02	<5	3.3	<10	68.3
RV2017-1061	237	<0.01	4	0.02	<5	3.1	<10	27.4

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Final : SU1700907 Order: RV2017 1023-1094

Report File No.: 0000012233

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
RV2017-1062	250	<0.01	4	0.04	<5	3.8	<10	22.4
RV2017-1063	66	<0.01	3	0.02	<5	3.5	<10	91.1
RV2017-1064	55	0.02	3	0.05	<5	4.4	<10	74.0
RV2017-1065	11	<0.01	<2	<0.01	<5	<0.5	<10	2.4
RV2017-1066	90	<0.01	3	0.02	<5	3.5	<10	74.0
RV2017-1067	57	<0.01	3	0.01	<5	2.9	<10	94.6
RV2017-1068	46	<0.01	4	0.02	<5	2.6	<10	102
RV2017-1069	107	<0.01	3	0.03	<5	4.1	<10	81.8
RV2017-1070	101	<0.01	3	0.01	<5	3.2	<10	82.9
RV2017-1071	122	<0.01	3	0.03	<5	4.0	<10	76.3
RV2017-1072	174	<0.01	4	0.04	<5	3.6	<10	76.7
RV2017-1073	193	<0.01	3	0.03	<5	3.1	<10	41.4
RV2017-1074	159	<0.01	4	0.04	<5	4.9	<10	84.7
RV2017-1075	128	0.01	3	0.10	<5	3.8	<10	30.1
RV2017-1076	220	<0.01	4	0.20	<5	3.3	<10	42.6
RV2017-1077	106	<0.01	4	0.02	<5	2.8	<10	97.6
RV2017-1078	76	<0.01	4	0.02	<5	2.3	<10	88.7
RV2017-1079	89	<0.01	4	0.01	<5	2.7	<10	98.4
RV2017-1080	116	<0.01	5	0.12	<5	3.1	<10	69.7
RV2017-1081	79	0.01	5	0.10	<5	6.8	<10	48.5
RV2017-1082	118	<0.01	4	0.03	<5	3.4	<10	92.9
RV2017-1083	145	<0.01	4	0.03	<5	4.4	<10	68.3
RV2017-1084	116	<0.01	5	0.02	<5	3.3	<10	98.0
RV2017-1085	355	0.01	6	0.42	<5	6.0	<10	51.1
RV2017-1086	148	0.02	5	0.20	<5	6.2	<10	51.7
RV2017-1087	31	<0.01	9	0.03	<5	2.4	<10	139
RV2017-1088	39	0.02	8	0.09	<5	5.6	<10	99.5
RV2017-1089	25	<0.01	9	0.02	<5	2.5	<10	137
RV2017-1090	39	<0.01	11	0.02	<5	2.8	<10	126
RV2017-1091	56	<0.01	12	0.06	<5	4.0	<10	126
RV2017-1092	38	<0.01	12	0.02	<5	3.6	<10	160
RV2017-1093	61	0.01	11	0.07	<5	5.9	<10	50.3
RV2017-1094	29	0.01	14	0.10	<5	1.7	<10	12.0
*Rep RV2017-1023	251	<0.01	4	0.50	<5	11.8	<10	33.4
*Rep RV2017-1061	239	<0.01	4	0.02	<5	3.0	<10	27.6
*Std OREAS-902	163	0.07	10	1.84	<5	2.8	<10	19.9

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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
*Std OREAS-901	34	0.06	15	0.03	<5	5.3	<10	22.4
*Std OREAS-903	50	0.11	8	0.50	<5	3.1	<10	20.4
*Blk BLANK	<1	<0.01	<2	<0.01	<5	<0.5	<10	<0.5

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Final : SU1700907 Order: RV2017 1023-1094

Report File No.: 0000012233

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
RV2017-1023	0.16	162	<10	1.3	126	<0.5
RV2017-1024	0.21	186	<10	1.6	138	<0.5
RV2017-1025	<0.01	1	<10	<0.5	2	1.3
RV2017-1026	0.15	144	<10	1.7	108	<0.5
RV2017-1027	0.19	141	<10	1.3	139	<0.5
RV2017-1028	0.17	88	<10	7.1	135	3.8
RV2017-1029	0.15	64	<10	7.8	45	2.0
RV2017-1030	0.17	72	<10	7.2	49	1.3
RV2017-1031	0.13	50	<10	5.8	53	1.6
RV2017-1032	0.13	47	<10	7.4	54	2.3
RV2017-1033	0.16	49	<10	7.9	42	3.2
RV2017-1034	0.25	98	<10	6.6	99	<0.5
RV2017-1035	0.12	48	<10	6.0	65	1.5
RV2017-1036	0.13	45	<10	7.7	47	4.0
RV2017-1037	0.17	78	<10	5.7	72	1.8
RV2017-1038	0.17	70	<10	4.6	114	2.5
RV2017-1039	0.09	92	<10	2.1	117	<0.5
RV2017-1040	0.15	125	<10	2.4	81	<0.5
RV2017-1041	0.15	119	<10	4.3	135	1.2
RV2017-1042	0.19	125	<10	5.3	163	2.1
RV2017-1043	0.24	100	<10	5.8	77	1.3
RV2017-1044	0.28	104	<10	4.7	76	1.0
RV2017-1045	0.04	33	<10	1.0	17	<0.5
RV2017-1046	0.14	68	<10	3.4	74	0.7
RV2017-1047	0.06	35	<10	2.0	78	<0.5
RV2017-1048	0.06	27	<10	2.2	40	<0.5
RV2017-1049	0.06	32	<10	2.3	29	<0.5
RV2017-1050	0.07	30	<10	2.0	29	0.7
RV2017-1051	0.06	30	<10	1.9	47	0.8
RV2017-1052	0.08	39	<10	3.2	72	0.7
RV2017-1053	0.08	38	<10	2.1	48	<0.5
RV2017-1054	0.08	32	<10	1.9	47	0.5
RV2017-1055	0.08	28	<10	1.9	44	1.0
RV2017-1056	0.05	26	<10	1.0	33	<0.5
*Dup RV2017-1056	0.05	24	<10	0.9	35	<0.5
RV2017-1057	0.07	37	<10	1.3	61	<0.5
RV2017-1058	0.07	42	<10	1.6	31	1.2
RV2017-1059	0.05	23	<10	0.8	26	<0.5
RV2017-1060	0.05	25	<10	1.2	45	<0.5
RV2017-1061	0.05	27	<10	1.0	69	<0.5

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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
RV2017-1062	0.05	30	<10	1.5	63	<0.5
RV2017-1063	0.04	21	<10	1.4	22	<0.5
RV2017-1064	0.07	33	<10	3.2	24	1.9
RV2017-1065	<0.01	<1	<10	<0.5	2	1.3
RV2017-1066	0.05	25	<10	1.4	30	0.9
RV2017-1067	0.04	20	<10	1.7	21	1.2
RV2017-1068	0.03	16	<10	1.1	18	0.5
RV2017-1069	0.04	25	<10	1.6	29	<0.5
RV2017-1070	0.04	22	<10	1.3	29	<0.5
RV2017-1071	0.04	25	<10	1.4	32	<0.5
RV2017-1072	0.04	22	<10	1.2	41	<0.5
RV2017-1073	0.07	30	<10	1.4	53	<0.5
RV2017-1074	0.05	28	<10	1.9	40	0.6
RV2017-1075	0.09	34	<10	1.6	45	1.2
RV2017-1076	0.07	28	<10	1.1	61	<0.5
RV2017-1077	0.03	18	<10	0.7	41	<0.5
RV2017-1078	0.04	17	<10	0.8	25	<0.5
RV2017-1079	0.04	19	<10	0.8	28	<0.5
RV2017-1080	0.06	22	<10	1.2	43	0.7
RV2017-1081	0.09	40	<10	2.9	26	2.2
RV2017-1082	0.03	20	<10	0.9	32	<0.5
RV2017-1083	0.04	23	<10	1.8	36	<0.5
RV2017-1084	0.04	21	<10	1.1	38	<0.5
RV2017-1085	0.06	36	<10	1.8	54	1.4
RV2017-1086	0.11	54	<10	3.8	46	1.7
RV2017-1087	0.04	16	<10	1.1	14	<0.5
RV2017-1088	0.12	73	<10	3.9	20	1.7
RV2017-1089	0.04	15	<10	1.3	15	0.5
RV2017-1090	0.04	19	<10	1.4	23	<0.5
RV2017-1091	0.05	21	<10	1.8	28	<0.5
RV2017-1092	0.04	19	<10	1.5	24	<0.5
RV2017-1093	0.10	39	<10	5.6	82	4.8
RV2017-1094	0.05	7	<10	4.7	46	5.6
*Rep RV2017-1023	0.16	158	<10	1.2	128	<0.5
*Rep RV2017-1061	0.05	27	<10	1.0	72	<0.5
*Std OREAS-902	<0.01	10	<10	7.7	6	14.4

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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
*Std OREAS-901	<0.01	20	<10	19.9	21	33.0
*Std OREAS-903	<0.01	13	<10	9.4	23	17.4
*Blk BLANK	<0.01	<1	<10	<0.5	<1	<0.5

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