Certificate of Analysis
Work Order : SU1600908
[Report File No.: 0000008341]

Date: November 11, 2016

To: **Bill Stone**
PACIFIC NORTHWEST CAPITAL
101-2148 WEST 38TH AVENUE
VANCOUVER BC V6M 1R9

P.O. No.: -
Project No.: -
Samples: 70
Received: Oct 17, 2016
Pages: Page 1 to 11
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
70	SHIP	Shipping
67	G_PRP92	Weigh (<3kg) Dry, Crush 90% -2mm, Split <500g, Pulverise to 85% -75µm
70	GE_FAI313	@Au, Pt, Pd, FAS, ICP-AES, 30g - 5ml (clean pots only)
70	GE_ICP14B	2 acid digest for non-organic or low sulphide <10% - ICP-OES

Storage: Pulp & Reject

PULP STORAGE	:	STORE
REJECT STORAGE	:	STORE

Comments:

Sample Preparation performed at the SGS Sudbury site.

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

This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was (were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativity of the goods and strictly relate to the sample (s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law .

Element	@Au	Pt	Pd	Ag	Al	As	Ba	Be
Method	GE_FAI313	GE_FAI313	GE_FAI313	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B
Det.Lim.	1	10	1	2	0.01	3	5	0.5
Units	ppb	ppb	ppb	ppm	%	ppm	ppm	ppm
RV2016-400	3	<10	<1	<2	2.79	8	825	1.0
RV2016-401	2	<10	<1	<2	3.39	6	1215	0.9
RV2016-402	2	<10	<1	<2	3.37	10	1343	1.0
RV2016-403	1	<10	<1	<2	2.55	6	971	1.0
RV2016-404	1	<10	<1	<2	2.54	6	917	1.0
RV2016-405	88	491	1527	<2	2.27	6	76	<0.5
RV2016-406	2	<10	<1	<2	2.36	5	940	0.8
RV2016-407	2	<10	<1	<2	2.24	6	925	0.8
RV2016-408	5	<10	<1	<2	1.77	4	482	0.6
RV2016-409	1	<10	<1	<2	1.81	3	660	0.6
RV2016-410	9	<10	<1	<2	1.95	<3	929	0.7
RV2016-411	4	<10	<1	<2	1.94	<3	913	0.7
RV2016-412	1	<10	<1	<2	1.87	4	699	0.7
RV2016-413	18	<10	2	<2	1.90	8	603	0.6
RV2016-414	3	21	17	<2	1.94	5	398	0.6
RV2016-415	1	<10	<1	<2	1.81	5	574	0.6
RV2016-416	1	<10	<1	<2	1.55	4	301	<0.5
RV2016-417	1	<10	1	<2	1.88	5	448	0.5
RV2016-418	3	<10	<1	<2	2.65	11	404	0.6
RV2016-419	12	<10	4	<2	2.77	9	360	0.5
RV2016-420	1	<10	1	<2	2.35	9	234	<0.5
RV2016-421	2	<10	1	<2	3.45	9	457	1.0
RV2016-422	1	<10	2	<2	2.84	8	830	<0.5
RV2016-423	1	<10	3	<2	2.87	7	628	<0.5
RV2016-424	3	<10	2	<2	2.04	5	564	<0.5
RV2016-425	47	235	633	<2	1.49	<3	50	<0.5
RV2016-426	2	<10	3	<2	2.08	5	274	<0.5
RV2016-427	8	<10	3	<2	1.78	5	302	<0.5
RV2016-428	2	<10	4	<2	1.74	4	298	<0.5
RV2016-429	2	<10	4	<2	2.37	4	474	<0.5
RV2016-430	1	<10	4	<2	2.39	6	331	<0.5
RV2016-431	1	<10	3	<2	2.88	9	993	<0.5
RV2016-432	<1	<10	2	<2	2.82	8	913	<0.5
RV2016-433	2	<10	<1	<2	1.31	5	216	<0.5
*Dup RV2016-433	2	<10	<1	<2	1.31	5	216	<0.5
RV2016-434	1	<10	2	<2	1.02	4	154	<0.5
RV2016-435	2	<10	1	<2	1.85	4	422	<0.5
RV2016-436	2	<10	<1	<2	1.31	4	284	<0.5
RV2016-437	2	<10	2	<2	1.86	5	479	<0.5
RV2016-438	2	<10	1	<2	1.57	3	297	<0.5

This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was (were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativity of the goods and strictly relate to the sample (s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law .

Element	@Au	Pt	Pd	Ag	Al	As	Ba	Be
Method	GE_FAI313	GE_FAI313	GE_FAI313	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B
Det.Lim.	1	10	1	2	0.01	3	5	0.5
Units	ppb	ppb	ppb	ppm	%	ppm	ppm	ppm
RV2016-439	2	<10	<1	<2	1.82	5	456	<0.5
RV2016-440	1	<10	<1	<2	1.14	3	127	<0.5
RV2016-441	1	<10	1	<2	2.47	3	991	<0.5
RV2016-442	1	<10	<1	<2	1.10	5	205	<0.5
RV2016-443	1	<10	<1	<2	1.10	5	166	<0.5
RV2016-444	1	<10	1	<2	0.83	<3	225	<0.5
RV2016-445	16	150	311	<2	3.45	9	44	<0.5
RV2016-446	1	<10	1	<2	1.43	<3	274	<0.5
RV2016-447	2	<10	2	<2	1.60	4	267	<0.5
RV2016-448	1	<10	2	<2	2.49	7	367	<0.5
RV2016-449	1	<10	1	<2	2.67	8	446	<0.5
RV2016-450	1	<10	2	<2	2.18	6	609	<0.5
RV2016-451	1	<10	<1	<2	0.72	6	107	<0.5
RV2016-452	<1	<10	<1	<2	0.66	3	167	<0.5
RV2016-453	<1	<10	<1	<2	1.27	3	527	<0.5
RV2016-454	1	<10	2	<2	2.32	6	956	<0.5
RV2016-455	1	<10	2	<2	2.72	7	994	<0.5
RV2016-456	1	<10	3	<2	2.44	7	687	<0.5
RV2016-457	1	<10	2	<2	2.40	6	373	<0.5
RV2016-458	1	<10	2	<2	2.53	5	496	<0.5
RV2016-459	2	<10	3	<2	2.78	10	884	<0.5
RV2016-460	1	<10	3	<2	2.54	10	767	<0.5
RV2016-461	1	<10	3	<2	2.71	8	458	<0.5
RV2016-462	2	<10	3	<2	2.86	7	277	<0.5
RV2016-463	1	<10	2	<2	2.40	6	444	<0.5
RV2016-464	2	<10	3	<2	2.67	7	675	<0.5
RV2016-465	<1	<10	<1	<2	0.04	<3	<5	<0.5
RV2016-466	2	<10	3	<2	2.61	7	862	<0.5
RV2016-467	2	<10	3	<2	2.60	6	327	<0.5
RV2016-468	2	<10	2	<2	2.22	6	632	<0.5
*Dup RV2016-468	1	<10	2	<2	2.22	9	618	<0.5
RV2016-469	5	<10	2	<2	1.96	5	890	<0.5
*Rep RV2016-405	92	454	1450					
*Rep RV2016-463	2	<10	2					
*Rep RV2016-400				<2	2.80	6	836	0.9
*Rep RV2016-440				<2	1.12	4	132	<0.5

This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was (were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativity of the goods and strictly relate to the sample (s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law .

Element	Bi	Ca	Cd	Co	Cr	Cu	Fe	Hg
Method	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B
Det.Lim.	5	0.01	1	1	1	0.5	0.01	1
Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm
RV2016-400	<5	0.90	<1	27	43	73.6	4.70	1
RV2016-401	<5	1.38	<1	38	53	20.5	5.62	2
RV2016-402	<5	1.21	<1	45	56	43.5	5.65	<1
RV2016-403	<5	1.46	<1	44	45	44.5	4.78	<1
RV2016-404	<5	1.65	<1	44	47	42.7	4.94	1
RV2016-405	<5	1.54	<1	46	136	1383	3.20	<1
RV2016-406	<5	1.53	<1	43	42	39.7	4.63	1
RV2016-407	<5	1.48	<1	40	42	62.3	4.58	<1
RV2016-408	<5	1.09	<1	34	44	44.9	3.46	<1
RV2016-409	<5	1.27	1	36	46	27.3	3.44	<1
RV2016-410	<5	1.41	<1	36	44	29.2	3.71	<1
RV2016-411	<5	1.35	<1	35	46	26.5	3.67	<1
RV2016-412	<5	1.36	<1	31	44	24.8	3.76	1
RV2016-413	<5	1.59	<1	35	36	77.7	4.23	<1
RV2016-414	<5	2.22	<1	37	34	115	4.68	<1
RV2016-415	<5	1.26	<1	32	46	41.6	3.48	<1
RV2016-416	<5	1.08	<1	20	54	16.3	2.83	1
RV2016-417	<5	1.38	<1	27	240	17.9	3.46	<1
RV2016-418	<5	1.76	<1	36	47	78.3	5.13	<1
RV2016-419	<5	0.99	<1	47	252	113	4.78	<1
RV2016-420	<5	1.07	<1	30	208	44.8	3.83	<1
RV2016-421	<5	0.96	<1	40	163	51.3	5.57	<1
RV2016-422	<5	0.70	<1	26	171	36.6	4.61	2
RV2016-423	<5	0.78	<1	33	214	60.0	4.94	<1
RV2016-424	<5	0.59	<1	32	203	100	3.57	1
RV2016-425	<5	1.00	<1	41	130	1134	2.84	3
RV2016-426	<5	0.68	<1	34	373	48.7	3.40	<1
RV2016-427	<5	0.56	<1	31	341	98.3	2.85	<1
RV2016-428	<5	0.49	<1	31	335	83.5	2.75	<1
RV2016-429	<5	0.54	<1	38	420	122	3.91	<1
RV2016-430	<5	0.55	<1	39	384	40.7	3.99	2
RV2016-431	<5	0.72	<1	35	240	36.3	4.74	1
RV2016-432	<5	0.71	<1	32	209	25.3	4.75	<1
RV2016-433	<5	1.29	<1	17	115	46.8	2.26	<1
*Dup RV2016-433	<5	1.29	<1	17	116	48.0	2.22	<1
RV2016-434	<5	0.54	<1	9	54	12.8	1.53	2
RV2016-435	<5	0.54	<1	22	306	24.3	2.79	<1
RV2016-436	<5	0.60	<1	15	211	12.6	2.06	1
RV2016-437	<5	1.26	<1	25	294	57.6	2.97	<1
RV2016-438	<5	1.54	<1	23	135	107	2.60	1

This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was (were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativity of the goods and strictly relate to the sample (s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law .

Element	Bi	Ca	Cd	Co	Cr	Cu	Fe	Hg
Method	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B
Det.Lim.	5	0.01	1	1	1	0.5	0.01	1
Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm
RV2016-439	<5	0.54	<1	18	31	40.1	2.92	<1
RV2016-440	<5	0.16	<1	10	15	23.9	1.91	<1
RV2016-441	<5	0.59	<1	24	114	17.7	4.04	2
RV2016-442	<5	0.28	<1	14	26	36.1	1.88	<1
RV2016-443	<5	0.21	<1	12	28	21.2	1.98	<1
RV2016-444	<5	1.25	<1	13	134	14.5	1.55	<1
RV2016-445	<5	3.03	<1	40	90	206	3.80	<1
RV2016-446	<5	1.10	<1	20	265	14.7	2.45	<1
RV2016-447	<5	1.00	<1	24	253	46.3	2.71	<1
RV2016-448	<5	1.22	<1	35	246	74.4	4.43	<1
RV2016-449	<5	1.35	<1	40	294	78.6	4.71	2
RV2016-450	<5	0.52	<1	25	146	59.4	3.67	2
RV2016-451	<5	0.15	<1	5	14	9.9	1.24	<1
RV2016-452	<5	0.15	<1	5	17	8.7	1.12	<1
RV2016-453	<5	0.21	<1	10	47	22.0	2.10	2
RV2016-454	<5	0.43	<1	34	209	107	4.33	1
RV2016-455	<5	0.52	<1	35	256	93.1	5.05	<1
RV2016-456	<5	0.73	<1	29	183	54.0	4.28	2
RV2016-457	<5	1.00	<1	25	202	46.2	4.11	3
RV2016-458	<5	1.03	<1	26	148	50.2	4.69	<1
RV2016-459	<5	0.88	<1	34	226	92.5	5.07	<1
RV2016-460	<5	0.76	<1	34	203	71.5	5.17	2
RV2016-461	<5	0.75	<1	37	229	88.5	5.04	<1
RV2016-462	<5	0.91	<1	38	260	92.7	5.58	<1
RV2016-463	<5	0.58	<1	37	231	94.1	4.53	<1
RV2016-464	<5	0.72	<1	36	262	82.7	5.39	1
RV2016-465	<5	0.07	<1	<1	15	7.8	0.55	<1
RV2016-466	<5	0.67	<1	43	267	106	5.09	<1
RV2016-467	<5	0.85	<1	29	377	45.7	4.53	<1
RV2016-468	<5	1.00	<1	24	193	40.7	3.90	<1
*Dup RV2016-468	<5	1.01	<1	23	189	39.4	3.90	<1
RV2016-469	<5	0.58	<1	22	196	36.1	3.47	1
*Rep RV2016-400	<5	0.88	<1	29	43	71.4	4.51	2
*Rep RV2016-440	<5	0.15	<1	10	16	22.5	1.90	<1

This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was (were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativity of the goods and strictly relate to the sample (s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law .

Element	K	La	Li	Mg	Mn	Mo	Na	Ni
Method	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B
Det.Lim.	0.01	0.5	1	0.01	2	1	0.01	1
Units	%	ppm	ppm	%	ppm	ppm	%	ppm
RV2016-400	2.11	12.3	34	2.95	569	2	0.07	23
RV2016-401	2.80	8.0	43	3.67	784	2	0.06	30
RV2016-402	2.78	8.0	51	4.05	734	2	0.08	33
RV2016-403	1.81	9.1	34	2.87	505	1	0.13	27
RV2016-404	1.62	9.7	38	3.18	543	<1	0.15	27
RV2016-405	0.20	5.4	9	2.19	289	2	0.29	370
RV2016-406	1.56	8.6	30	2.63	528	2	0.14	25
RV2016-407	1.41	14.5	30	2.58	496	2	0.14	24
RV2016-408	0.91	15.3	23	2.05	385	1	0.12	23
RV2016-409	1.06	11.8	25	2.16	383	<1	0.12	24
RV2016-410	1.23	8.7	27	2.22	404	1	0.13	23
RV2016-411	1.22	8.7	27	2.22	398	2	0.13	25
RV2016-412	1.03	10.2	28	2.28	391	1	0.13	24
RV2016-413	0.90	11.9	22	1.97	431	1	0.16	22
RV2016-414	0.62	7.4	18	1.84	514	<1	0.23	35
RV2016-415	0.98	15.5	24	2.02	378	<1	0.14	22
RV2016-416	0.53	18.5	16	1.63	341	<1	0.11	28
RV2016-417	0.90	14.8	23	2.23	434	<1	0.12	84
RV2016-418	0.90	15.0	30	2.94	569	1	0.11	31
RV2016-419	1.04	14.8	23	2.84	554	5	0.10	150
RV2016-420	0.88	16.5	27	2.67	499	2	0.06	92
RV2016-421	2.36	11.9	45	4.11	732	2	0.05	98
RV2016-422	1.17	58.5	30	2.65	527	2	0.09	108
RV2016-423	0.92	20.8	30	2.87	534	3	0.08	133
RV2016-424	0.89	23.8	22	2.10	369	3	0.09	120
RV2016-425	0.13	2.5	7	2.09	267	1	0.16	306
RV2016-426	0.55	14.7	21	3.00	392	2	0.05	207
RV2016-427	0.63	9.3	18	2.60	322	2	0.05	189
RV2016-428	0.63	8.5	18	2.51	306	2	0.04	194
RV2016-429	1.00	11.2	26	3.55	434	2	0.05	250
RV2016-430	0.73	14.6	23	3.49	456	2	0.05	260
RV2016-431	2.05	16.4	34	3.13	509	2	0.10	167
RV2016-432	1.90	18.6	35	2.95	507	2	0.10	139
RV2016-433	0.40	27.8	13	1.18	267	2	0.09	60
*Dup RV2016-433	0.42	27.1	14	1.22	269	2	0.09	60
RV2016-434	0.36	16.5	12	0.83	164	<1	0.10	35
RV2016-435	1.01	18.6	24	2.30	333	3	0.08	114
RV2016-436	0.70	14.3	18	1.59	249	2	0.09	74
RV2016-437	1.12	9.5	24	2.29	358	<1	0.07	115
RV2016-438	0.69	11.5	18	1.73	316	<1	0.07	65

This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was (were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativity of the goods and strictly relate to the sample (s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law .

Element	K	La	Li	Mg	Mn	Mo	Na	Ni
Method	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B
Det.Lim.	0.01	0.5	1	0.01	2	1	0.01	1
Units	%	ppm	ppm	%	ppm	ppm	%	ppm
RV2016-439	0.90	22.2	21	1.72	354	2	0.10	27
RV2016-440	0.24	32.0	15	1.29	245	1	0.10	12
RV2016-441	1.54	25.1	28	2.36	457	1	0.11	74
RV2016-442	0.35	36.6	14	0.98	214	1	0.10	18
RV2016-443	0.29	34.7	14	1.14	239	2	0.10	16
RV2016-444	0.30	19.2	8	1.05	210	<1	0.07	49
RV2016-445	0.09	1.3	4	2.77	432	2	0.70	274
RV2016-446	0.48	16.7	15	1.92	312	1	0.08	94
RV2016-447	0.45	12.0	15	1.95	332	2	0.08	105
RV2016-448	0.57	13.5	23	2.75	527	3	0.09	138
RV2016-449	0.60	17.3	26	3.01	578	2	0.09	130
RV2016-450	0.75	28.5	24	2.15	462	2	0.09	101
RV2016-451	0.11	27.0	13	0.67	170	2	0.10	11
RV2016-452	0.17	25.9	12	0.58	151	1	0.10	8
RV2016-453	0.55	21.9	18	1.15	267	2	0.11	32
RV2016-454	1.12	21.9	25	2.21	497	3	0.10	119
RV2016-455	1.32	17.6	32	2.73	615	2	0.10	139
RV2016-456	1.12	23.0	23	2.38	559	2	0.13	100
RV2016-457	0.84	21.4	21	2.40	512	3	0.12	119
RV2016-458	0.97	21.5	23	2.23	498	5	0.10	80
RV2016-459	1.24	22.5	27	2.64	591	2	0.12	152
RV2016-460	0.90	27.7	23	2.50	554	3	0.12	131
RV2016-461	0.65	18.9	22	2.61	587	4	0.12	149
RV2016-462	0.51	23.9	22	2.93	625	3	0.11	152
RV2016-463	0.57	17.7	17	2.05	466	3	0.10	128
RV2016-464	0.90	13.5	24	2.77	600	3	0.11	150
RV2016-465	0.02	11.8	<1	0.04	70	13	0.02	2
RV2016-466	1.20	16.9	27	2.89	554	3	0.10	144
RV2016-467	0.48	12.2	24	3.25	553	3	0.09	238
RV2016-468	0.83	20.1	20	2.30	466	3	0.11	109
*Dup RV2016-468	0.82	19.9	21	2.29	464	2	0.11	105
RV2016-469	0.96	13.0	21	1.81	372	2	0.11	105
*Rep RV2016-400	2.06	12.4	33	2.97	570	<1	0.07	22
*Rep RV2016-440	0.24	32.7	15	1.29	244	1	0.10	12

This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was (were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativity of the goods and strictly relate to the sample (s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law .

Element	P	Pb	S	Sb	Sc	Sn	Sr	Ti
Method	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B
Det.Lim.	0.01	2	0.01	5	0.5	10	5	0.01
Units	%	ppm	%	ppm	ppm	ppm	ppm	%
RV2016-400	0.10	<2	0.19	7	10.1	12	117	0.32
RV2016-401	0.13	<2	0.15	11	10.6	18	167	0.53
RV2016-402	0.11	<2	0.23	11	11.3	20	133	0.56
RV2016-403	0.11	<2	0.28	9	10.2	17	131	0.55
RV2016-404	0.14	<2	0.26	10	11.9	16	112	0.54
RV2016-405	0.01	<2	0.38	<5	6.7	<10	49	0.06
RV2016-406	0.14	<2	0.30	6	10.7	15	109	0.50
RV2016-407	0.15	<2	0.36	8	10.5	13	104	0.43
RV2016-408	0.11	<2	0.25	6	7.5	<10	77	0.30
RV2016-409	0.12	<2	0.26	6	8.3	11	84	0.43
RV2016-410	0.13	<2	0.25	7	8.4	12	97	0.51
RV2016-411	0.11	<2	0.22	6	8.6	14	100	0.50
RV2016-412	0.10	<2	0.17	7	8.5	12	91	0.46
RV2016-413	0.15	<2	0.33	6	9.9	<10	96	0.30
RV2016-414	0.11	<2	0.30	<5	12.1	<10	150	0.23
RV2016-415	0.13	<2	0.24	7	8.2	<10	76	0.35
RV2016-416	0.15	<2	0.12	<5	5.5	<10	65	0.19
RV2016-417	0.15	<2	0.10	<5	6.9	<10	82	0.25
RV2016-418	0.34	<2	0.46	6	8.5	10	124	0.29
RV2016-419	0.08	<2	0.47	7	8.5	<10	110	0.25
RV2016-420	0.15	<2	0.14	6	5.9	<10	100	0.21
RV2016-421	0.16	<2	0.23	7	11.0	14	96	0.31
RV2016-422	0.05	<2	0.11	7	6.4	<10	131	0.23
RV2016-423	0.06	<2	0.22	6	8.6	<10	109	0.20
RV2016-424	0.08	<2	0.22	<5	5.2	<10	82	0.16
RV2016-425	<0.01	<2	0.29	<5	6.6	<10	22	0.05
RV2016-426	0.14	<2	0.06	<5	3.1	<10	18	0.13
RV2016-427	0.04	<2	0.04	5	3.3	<10	13	0.23
RV2016-428	0.04	<2	0.06	<5	2.9	<10	11	0.19
RV2016-429	0.06	<2	0.04	6	3.5	10	11	0.23
RV2016-430	0.08	<2	0.06	<5	3.0	<10	12	0.18
RV2016-431	0.08	<2	0.08	5	6.4	11	90	0.30
RV2016-432	0.13	<2	0.04	7	6.2	13	94	0.26
RV2016-433	0.14	<2	0.09	<5	4.3	<10	192	0.21
*Dup RV2016-433	0.14	<2	0.08	<5	4.2	<10	183	0.20
RV2016-434	0.02	2	0.02	<5	3.1	<10	106	0.07
RV2016-435	0.08	<2	0.02	<5	5.8	<10	39	0.14
RV2016-436	0.04	<2	<0.01	<5	4.4	<10	26	0.09
RV2016-437	0.08	<2	0.05	<5	8.1	<10	78	0.22
RV2016-438	0.10	<2	0.14	<5	8.6	<10	138	0.27

This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was (were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativity of the goods and strictly relate to the sample (s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law .

Element	P	Pb	S	Sb	Sc	Sn	Sr	Ti
Method	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B
Det.Lim.	0.01	2	0.01	5	0.5	10	5	0.01
Units	%	ppm	%	ppm	ppm	ppm	ppm	%
RV2016-439	0.07	<2	0.11	<5	4.5	<10	82	0.13
RV2016-440	0.03	10	0.06	<5	2.4	<10	23	0.05
RV2016-441	0.10	<2	0.04	<5	5.4	10	84	0.23
RV2016-442	0.04	9	0.11	<5	2.3	<10	48	0.07
RV2016-443	0.02	<2	0.09	<5	1.4	<10	36	0.05
RV2016-444	0.15	<2	0.03	<5	5.2	<10	81	0.20
RV2016-445	0.01	<2	0.05	6	2.7	<10	171	0.04
RV2016-446	0.11	<2	0.02	<5	5.2	<10	63	0.16
RV2016-447	0.09	<2	0.09	<5	6.5	<10	73	0.16
RV2016-448	0.17	<2	0.26	6	8.4	12	97	0.21
RV2016-449	0.26	<2	0.37	7	8.1	<10	88	0.19
RV2016-450	0.05	<2	0.22	<5	9.3	<10	78	0.18
RV2016-451	0.02	5	0.02	<5	2.0	<10	23	0.03
RV2016-452	0.01	11	0.02	<5	1.8	<10	32	0.04
RV2016-453	0.02	3	0.07	<5	4.4	<10	42	0.10
RV2016-454	0.03	<2	0.39	6	7.0	10	79	0.21
RV2016-455	0.04	<2	0.37	8	7.2	12	85	0.23
RV2016-456	0.03	<2	0.17	6	8.7	<10	89	0.21
RV2016-457	0.08	<2	0.16	6	8.7	<10	114	0.21
RV2016-458	0.07	<2	0.20	6	8.8	<10	130	0.25
RV2016-459	0.06	<2	0.21	7	9.9	12	85	0.30
RV2016-460	0.08	<2	0.18	<5	8.7	11	77	0.23
RV2016-461	0.04	<2	0.23	<5	10.9	11	70	0.20
RV2016-462	0.05	<2	0.38	<5	9.0	10	92	0.18
RV2016-463	0.02	<2	0.48	<5	6.4	<10	64	0.17
RV2016-464	0.03	<2	0.42	7	7.2	11	76	0.22
RV2016-465	<0.01	<2	<0.01	<5	<0.5	<10	<5	<0.01
RV2016-466	0.05	<2	0.39	<5	7.0	12	65	0.23
RV2016-467	0.17	<2	0.19	6	4.0	11	47	0.15
RV2016-468	0.15	<2	0.14	<5	6.8	<10	77	0.21
*Dup RV2016-468	0.16	<2	0.13	6	6.7	<10	78	0.21
RV2016-469	0.10	<2	0.12	<5	4.5	<10	54	0.16
*Rep RV2016-400	0.10	<2	0.19	6	10.2	12	113	0.30
*Rep RV2016-440	0.03	11	0.06	<5	2.5	<10	23	0.05

This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was (were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativity of the goods and strictly relate to the sample (s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law .

Element	V	W	Y	Zn	Zr
Method	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B
Det.Lim.	1	10	0.5	1	0.5
Units	ppm	ppm	ppm	ppm	ppm
RV2016-400	112	<10	9.1	88	2.0
RV2016-401	161	<10	8.2	109	<0.5
RV2016-402	191	<10	9.6	112	<0.5
RV2016-403	153	<10	12.0	83	0.6
RV2016-404	165	<10	14.4	81	<0.5
RV2016-405	39	<10	2.1	53	1.3
RV2016-406	146	<10	12.6	82	0.6
RV2016-407	130	<10	13.2	78	1.2
RV2016-408	96	<10	9.8	60	1.5
RV2016-409	110	<10	11.2	64	2.1
RV2016-410	120	<10	11.0	68	1.4
RV2016-411	117	<10	11.2	66	1.6
RV2016-412	113	<10	10.4	64	1.5
RV2016-413	104	<10	10.4	63	0.8
RV2016-414	113	<10	8.5	58	<0.5
RV2016-415	95	<10	10.7	61	1.5
RV2016-416	57	<10	7.7	51	0.9
RV2016-417	69	<10	9.4	59	1.7
RV2016-418	125	<10	12.3	77	<0.5
RV2016-419	98	<10	6.1	79	<0.5
RV2016-420	62	<10	9.5	63	1.7
RV2016-421	104	<10	9.8	96	2.0
RV2016-422	90	<10	4.8	84	<0.5
RV2016-423	95	<10	5.5	83	<0.5
RV2016-424	54	<10	6.5	60	1.1
RV2016-425	29	<10	1.4	34	0.7
RV2016-426	40	<10	8.8	64	5.9
RV2016-427	49	<10	8.6	53	7.4
RV2016-428	45	<10	7.2	51	6.4
RV2016-429	57	<10	8.2	72	7.0
RV2016-430	48	<10	7.4	75	5.5
RV2016-431	94	<10	5.9	83	<0.5
RV2016-432	81	<10	7.2	84	0.6
RV2016-433	41	<10	11.8	28	8.4
*Dup RV2016-433	41	<10	11.9	28	7.9
RV2016-434	16	<10	8.6	21	7.0
RV2016-435	42	<10	15.6	53	12.0
RV2016-436	28	<10	15.8	37	10.1
RV2016-437	57	<10	17.5	51	4.8
RV2016-438	59	<10	12.2	33	3.0

This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was (were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativity of the goods and strictly relate to the sample (s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law .

Final : SU1600908 Order:

Report File No.: 0000008341

Element	V	W	Y	Zn	Zr
Method	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B
Det.Lim.	1	10	0.5	1	0.5
Units	ppm	ppm	ppm	ppm	ppm
RV2016-439	38	<10	5.6	50	0.9
RV2016-440	16	<10	4.5	62	2.7
RV2016-441	57	<10	6.4	71	1.0
RV2016-442	20	<10	3.4	66	0.6
RV2016-443	17	<10	2.6	33	2.8
RV2016-444	37	<10	12.1	21	2.8
RV2016-445	33	<10	1.0	15	<0.5
RV2016-446	37	<10	9.7	40	3.6
RV2016-447	50	<10	9.7	44	4.0
RV2016-448	77	<10	8.9	82	<0.5
RV2016-449	69	<10	11.5	84	0.8
RV2016-450	62	<10	7.8	73	1.6
RV2016-451	10	<10	3.2	26	2.5
RV2016-452	9	<10	4.1	22	5.5
RV2016-453	29	<10	4.3	42	3.0
RV2016-454	75	<10	3.5	83	<0.5
RV2016-455	88	<10	4.4	91	<0.5
RV2016-456	87	<10	5.9	74	1.6
RV2016-457	83	<10	7.1	66	2.0
RV2016-458	92	<10	6.3	62	<0.5
RV2016-459	107	<10	8.3	84	<0.5
RV2016-460	95	<10	9.4	83	0.7
RV2016-461	100	<10	4.9	86	<0.5
RV2016-462	96	<10	5.0	106	<0.5
RV2016-463	78	<10	3.3	77	<0.5
RV2016-464	94	<10	3.0	95	<0.5
RV2016-465	<1	<10	2.1	2	1.1
RV2016-466	90	<10	4.3	98	<0.5
RV2016-467	60	<10	5.4	90	<0.5
RV2016-468	69	<10	7.7	73	0.9
*Dup RV2016-468	68	<10	7.6	70	0.9
RV2016-469	54	<10	5.9	64	<0.5
*Rep RV2016-400	113	<10	9.0	87	1.9
*Rep RV2016-440	16	<10	4.6	63	2.8

This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was (were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativity of the goods and strictly relate to the sample (s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law .