



Certificate of Analysis

Work Order : VC132124

[Report File No.: 000003255]

To: **Gordon Richards**
GORDON RICHARDS
6410 HOLLY PARK DR
DELTA BC V4K 4W6


Date: Sep 07, 2013

P.O. No. : UGV Project
Project No. : -
No. Of Samples : 52
Date Submitted : Aug 08, 2013
Report Comprises : Pages 1 to 13
(Inclusive of Cover Sheet)

Distribution of unused material:

Active files:

Certified By : _____


John Chiang
QC Chemist

SGS Minerals Services Geochemistry Vancouver conforms to the requirements of ISO/IEC 17025 for specific tests as listed on their scope of accreditation which can be found at <http://www.scc.ca/en/search/palcan/sgs>

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

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	WtKg	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce
Method	WGH79	MMI-M	MMI-M	MMI-M	MMI-M	MMI-M	MMI-M	MMI-M	MMI-M	MMI-M
Det.Lim.	0.001	1	1	10	0.1	10	1	10	1	5
Units	kg	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb
T363	0.220	23	49	<10	0.2	1750	<1	510	2	21
T364	0.185	6	13	<10	0.4	1890	<1	580	2	100
T365	0.150	28	45	<10	0.6	5340	<1	360	5	376
T366	0.155	53	8	<10	0.6	4040	<1	520	6	12
T367	0.200	24	21	<10	0.7	10600	<1	680	2	153
T368	0.150	20	14	<10	0.9	13500	<1	560	2	45
T369	0.125	13	128	10	<0.1	2430	<1	50	4	1350
T370	0.105	6	39	<10	0.3	4360	<1	300	2	102
T371	0.125	10	65	<10	0.2	6310	<1	190	2	235
T372	0.130	19	53	<10	0.3	6600	<1	410	5	130
T373	0.155	18	47	<10	0.4	7160	<1	320	9	42
T374	0.135	22	99	<10	0.2	7880	<1	360	18	237
T375	0.160	19	31	<10	0.3	6740	<1	380	1	163
T376	0.170	18	47	<10	0.7	12600	<1	420	8	692
T377	0.155	42	26	<10	0.6	5400	<1	550	20	76
T378	0.185	8	53	<10	0.7	5170	<1	480	2	522
T379	0.140	19	87	<10	0.2	8190	<1	310	27	283
T380	0.135	34	20	<10	0.6	7150	<1	510	4	57
T381	0.220	44	16	<10	0.5	8110	<1	440	11	36
T382	0.135	37	9	<10	0.6	16800	<1	730	7	21
T383	0.175	18	46	<10	0.3	4390	<1	340	3	90
T384	0.130	25	47	<10	1.2	11600	<1	340	3	77
T385	0.130	10	50	<10	0.4	9520	<1	400	4	89
T386	0.165	22	32	<10	0.2	5690	<1	410	5	17
T387	0.125	14	18	<10	0.3	6970	<1	450	1	12
S302	0.270	4	64	<10	0.1	8110	<1	530	4	120
S303	0.340	26	89	<10	0.4	8270	<1	410	3	271
S304	0.275	17	68	<10	0.7	17900	<1	460	1	696
S305	0.295	27	106	50	1.0	7850	<1	260	<1	2700
S306	0.245	27	37	<10	0.6	7820	<1	230	3	67
S307	0.295	11	87	<10	0.5	12400	<1	340	2	727
S308	0.320	8	40	<10	0.5	8830	<1	400	1	127
S309	0.275	8	27	<10	2.5	14800	<1	870	1	774
S310	0.265	8	34	10	1.2	9010	<1	330	2	150
S311	0.310	19	15	<10	1.2	20700	<1	510	1	143
S312	0.275	27	34	<10	0.6	10100	<1	440	4	252
S313	0.305	29	63	<10	0.4	9250	<1	450	15	234
S314	0.330	39	44	<10	0.9	8630	<1	360	1	102
S315	0.315	28	49	<10	0.4	7000	<1	280	2	70
S316	0.340	47	28	<10	0.5	5210	<1	500	5	16
S317	0.345	25	31	<10	0.3	4650	<1	590	6	22
S318	0.455	44	11	10	1.4	7250	<1	790	7	201
S319	0.310	14	10	<10	0.5	9020	<1	540	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.



Element	WtKg	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce
Method	WGH79	MMI-M	MMI-M	MMI-M	MMI-M	MMI-M	MMI-M	MMI-M	MMI-M	MMI-M
Det.Lim.	0.001	1	1	10	0.1	10	1	10	1	5
Units	kg	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb
S320	0.345	2	23	<10	0.1	1860	<1	380	<1	7
S321	0.270	16	55	<10	0.3	5870	<1	280	2	142
S322	0.380	19	64	<10	0.4	6000	<1	440	11	162
S323	0.310	12	73	<10	0.1	5530	<1	380	28	138
S324	0.295	20	10	<10	0.6	6950	<1	420	1	7
S325	0.380	32	18	<10	0.9	11300	<1	500	1	44
S326	0.305	23	24	<10	0.7	9700	<1	490	2	100
S327	0.270	10	18	<10	0.6	10900	<1	480	1	65
S328	0.300	3	23	<10	0.5	7940	<1	310	2	79

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	Co	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Hg
Method	MMI-M	MMI-M	MMI-M	MMI-M	MMI-M	MMI-M	MMI-M	MMI-M	MMI-M	MMI-M
Det.Lim.	5	0.5	10	1	0.5	0.5	1	1	1	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb
T363	13	2.0	480	21	10.8	8.3	16	<1	33	<1
T364	86	0.5	500	28	12.1	8.8	4	<1	40	<1
T365	29	<0.5	3080	60	32.1	21.7	27	1	87	<1
T366	22	0.5	1370	13	8.2	1.6	6	<1	11	3
T367	36	<0.5	2520	47	23.8	15.6	15	<1	68	<1
T368	50	<0.5	3610	45	24.3	10.7	7	<1	56	2
T369	124	1.5	590	183	72.1	85.8	59	7	264	<1
T370	165	<0.5	1150	23	10.2	11.5	11	1	41	<1
T371	116	0.7	1530	213	106	68.4	24	4	264	<1
T372	47	<0.5	1500	86	43.1	23.8	9	1	115	<1
T373	23	<0.5	2040	47	22.5	15.7	9	1	64	<1
T374	42	1.1	780	63	30.8	18.7	46	4	72	<1
T375	55	<0.5	1310	29	12.7	13.8	9	<1	50	<1
T376	34	0.7	3830	131	70.0	41.1	35	2	182	<1
T377	38	<0.5	3360	13	6.3	4.6	14	<1	19	<1
T378	13	2.4	970	45	22.5	15.3	30	2	65	<1
T379	41	1.0	1530	88	45.6	24.0	101	4	94	<1
T380	11	<0.5	2120	15	7.4	5.0	11	<1	21	<1
T381	12	0.6	1380	15	7.6	4.9	15	<1	19	<1
T382	41	<0.5	3090	13	7.2	3.8	9	<1	16	<1
T383	129	<0.5	1390	36	17.4	13.9	13	1	57	<1
T384	52	<0.5	2820	67	36.2	20.5	13	2	81	<1
T385	72	<0.5	2170	95	50.1	28.3	10	2	127	<1
T386	23	<0.5	2090	21	9.4	9.5	9	2	33	<1
T387	11	<0.5	2240	25	11.5	8.2	7	<1	37	<1
S302	15	4.4	230	9	4.5	3.5	24	3	14	<1
S303	23	1.7	1090	61	33.3	18.2	29	2	74	<1
S304	305	<0.5	3560	140	82.9	33.7	45	<1	158	<1
S305	55	5.5	1260	177	75.9	62.2	66	8	297	<1
S306	17	<0.5	2040	63	34.4	17.7	9	1	69	1
S307	42	0.8	1000	99	44.8	31.7	14	2	135	<1
S308	8	<0.5	1210	35	17.1	11.4	10	<1	49	<1
S309	6	<0.5	980	141	55.7	49.0	6	<1	235	<1
S310	12	1.4	1010	36	15.9	14.6	11	2	58	<1
S311	<5	0.6	1540	54	29.7	13.7	6	<1	71	3
S312	9	0.5	1990	53	26.9	17.3	27	1	74	<1
S313	19	<0.5	2190	63	32.9	19.9	34	2	77	<1
S314	19	<0.5	3820	68	37.1	19.6	8	1	87	2
S315	53	<0.5	2690	80	44.8	25.3	8	2	104	<1
S316	51	<0.5	2210	28	14.7	8.5	7	<1	37	<1
S317	21	<0.5	1930	33	20.6	8.3	19	1	36	<1
S318	41	<0.5	2970	30	15.8	8.5	15	<1	43	<1
S319	5	<0.5	2630	27	14.0	7.0	5	<1	36	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	Co	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Hg
Method	MMI-M	MMI-M	MMI-M	MMI-M	MMI-M	MMI-M	MMI-M	MMI-M	MMI-M	MMI-M
Det.Lim.	5	0.5	10	1	0.5	0.5	1	1	1	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb
S320	11	1.5	270	9	3.5	3.1	7	<1	13	<1
S321	30	<0.5	2250	52	24.3	19.1	14	2	69	<1
S322	60	<0.5	1310	54	30.6	14.6	81	<1	58	<1
S323	57	<0.5	410	55	30.1	13.2	90	1	55	<1
S324	16	<0.5	2550	17	8.4	4.8	7	<1	23	2
S325	<5	<0.5	1740	30	17.3	7.8	8	<1	39	2
S326	<5	<0.5	3490	54	29.7	13.2	7	<1	71	4
S327	15	<0.5	1720	28	13.5	8.1	5	<1	40	2
S328	8	0.7	470	17	8.0	5.9	7	1	25	<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 Method Det.Lim. Units	In MMI-M 0.5 ppb	K MMI-M 0.1 ppm	La MMI-M 1 ppb	Li MMI-M 5 ppb	Mg MMI-M 1 ppm	Mn MMI-M 10 ppb	Mo MMI-M 5 ppb	Nb MMI-M 0.5 ppb	Nd MMI-M 1 ppb	Ni MMI-M 5 ppb
T363	<0.5	39.0	37	27	84	230	<5	1.6	102	197
T364	<0.5	25.8	107	<5	272	3090	8	<0.5	127	471
T365	<0.5	6.0	149	7	155	180	<5	1.7	290	1440
T366	<0.5	3.3	2	11	152	1080	15	<0.5	6	662
T367	<0.5	15.8	95	101	174	1020	<5	1.5	197	1020
T368	<0.5	7.3	38	9	220	1320	<5	<0.5	98	826
T369	<0.5	14.2	711	<5	94	1340	5	12.6	1190	297
T370	<0.5	21.5	89	<5	286	1390	<5	1.3	132	125
T371	<0.5	11.7	363	<5	198	2700	<5	2.6	668	197
T372	<0.5	5.8	116	9	164	2310	<5	0.5	249	386
T373	<0.5	4.4	62	<5	149	550	<5	1.0	146	220
T374	<0.5	20.3	119	8	158	860	<5	4.5	210	688
T375	<0.5	5.8	73	<5	197	580	<5	0.5	145	232
T376	<0.5	12.8	368	26	148	170	<5	2.0	623	1800
T377	<0.5	5.0	23	15	104	980	9	1.7	51	1520
T378	<0.5	4.8	169	9	127	120	<5	2.6	247	749
T379	<0.5	4.6	121	11	86	490	<5	6.0	246	3510
T380	<0.5	4.2	23	<5	120	210	<5	<0.5	53	875
T381	<0.5	6.2	24	<5	87	100	<5	0.5	48	464
T382	<0.5	4.7	17	5	172	1030	<5	<0.5	34	836
T383	<0.5	9.3	144	<5	164	3620	5	1.1	174	153
T384	<0.5	6.3	75	<5	152	930	<5	1.4	164	209
T385	<0.5	9.1	124	<5	186	1550	<5	0.8	273	374
T386	<0.5	12.1	46	<5	182	730	<5	1.1	90	112
T387	<0.5	7.0	33	8	213	210	<5	<0.5	74	236
S302	<0.5	11.2	40	10	109	370	<5	1.0	57	173
S303	<0.5	2.8	120	<5	91	960	<5	2.9	214	752
S304	<0.5	5.0	265	12	93	630	<5	0.6	462	3180
S305	<0.5	7.4	2390	14	56	310	<5	5.8	1940	246
S306	<0.5	2.9	73	<5	86	260	<5	1.1	151	283
S307	<0.5	5.6	243	<5	103	370	<5	1.0	406	481
S308	<0.5	3.9	50	<5	138	100	<5	<0.5	119	345
S309	<0.5	2.5	254	<5	365	120	<5	<0.5	567	425
S310	<0.5	9.0	102	7	135	140	<5	1.6	191	256
S311	<0.5	3.9	48	9	167	50	<5	<0.5	134	795
S312	<0.5	6.0	104	11	181	90	<5	1.5	210	1710
S313	<0.5	3.6	102	7	136	270	<5	3.0	191	2140
S314	<0.5	3.1	64	5	162	200	<5	0.7	156	476
S315	<0.5	10.0	101	5	161	960	<5	0.7	209	171
S316	<0.5	3.9	29	<5	124	960	<5	0.6	69	522
S317	<0.5	5.5	34	<5	105	420	<5	2.9	74	764
S318	<0.5	3.8	42	17	120	1400	9	1.1	103	1500
S319	<0.5	4.3	25	9	215	120	<5	<0.5	55	576

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	In	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni
Method	MMI-M	MMI-M	MMI-M	MMI-M	MMI-M	MMI-M	MMI-M	MMI-M	MMI-M	MMI-M
Det.Lim.	0.5	0.1	1	5	1	10	5	0.5	1	5
Units	ppb	ppm	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb
S320	<0.5	10.9	7	<5	182	190	<5	<0.5	22	107
S321	<0.5	3.0	85	<5	129	230	<5	1.9	170	367
S322	<0.5	2.4	79	7	127	1630	<5	1.4	152	3210
S323	<0.5	2.7	51	<5	97	720	<5	1.3	122	3100
S324	<0.5	7.1	12	6	179	160	<5	<0.5	37	276
S325	<0.5	2.9	25	6	185	70	<5	<0.5	71	467
S326	<0.5	3.4	39	9	176	70	<5	<0.5	114	537
S327	<0.5	3.9	27	<5	171	240	<5	<0.5	66	339
S328	<0.5	4.3	24	<5	96	390	<5	<0.5	61	237

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 Method Det.Lim. Units	P MMI-M 0.1 ppm	Pb MMI-M 10 ppb	Pd MMI-M 1 ppb	Pr MMI-M 1 ppb	Pt MMI-M 1 ppb	Rb MMI-M 5 ppb	Sb MMI-M 1 ppb	Sc MMI-M 5 ppb	Sm MMI-M 1 ppb	Sn MMI-M 1 ppb
T363	0.6	<10	<1	17	<1	71	<1	10	28	<1
T364	0.2	50	<1	27	<1	23	<1	14	31	<1
T365	0.3	<10	<1	55	<1	40	<1	38	74	<1
T366	<0.1	10	<1	<1	<1	18	<1	11	4	<1
T367	0.2	<10	<1	37	<1	16	<1	19	52	<1
T368	0.2	<10	<1	16	<1	5	<1	25	34	<1
T369	0.9	120	<1	247	<1	178	<1	243	272	<1
T370	0.3	20	<1	25	<1	25	<1	25	33	<1
T371	0.2	60	<1	119	<1	83	<1	152	189	<1
T372	0.2	30	<1	44	<1	41	<1	42	80	<1
T373	0.1	<10	<1	24	<1	50	<1	39	46	<1
T374	0.5	40	<1	41	<1	43	<1	95	59	<1
T375	0.2	<10	<1	26	<1	31	<1	22	41	<1
T376	0.3	10	<1	122	<1	16	1	54	149	<1
T377	0.2	<10	<1	9	<1	22	1	11	15	<1
T378	0.3	10	<1	52	<1	57	<1	20	59	<1
T379	0.4	20	<1	46	<1	74	<1	95	69	<1
T380	0.1	<10	<1	10	<1	17	<1	15	17	<1
T381	0.2	<10	<1	10	<1	34	<1	20	15	<1
T382	0.2	<10	<1	7	<1	15	<1	10	12	<1
T383	0.3	20	<1	36	<1	24	<1	30	46	<1
T384	0.2	10	<1	28	<1	25	<1	48	55	<1
T385	0.2	20	<1	48	<1	34	<1	47	90	<1
T386	0.1	<10	<1	16	<1	68	<1	17	25	<1
T387	0.1	<10	<1	13	<1	26	<1	22	25	<1
S302	0.6	10	<1	13	<1	93	<1	15	14	<1
S303	0.2	30	<1	42	<1	57	<1	67	59	<1
S304	0.4	90	<1	94	<1	23	2	186	121	<1
S305	0.9	60	<1	487	<1	87	2	154	338	<1
S306	<0.1	10	<1	27	<1	23	<1	50	48	<1
S307	0.2	50	<1	81	<1	39	<1	100	110	<1
S308	0.3	<10	<1	22	<1	31	<1	37	36	<1
S309	<0.1	10	<1	100	<1	13	<1	28	173	<1
S310	0.3	<10	<1	36	<1	48	<1	28	47	<1
S311	0.1	<10	<1	22	<1	17	<1	16	45	<1
S312	0.3	10	<1	40	<1	16	<1	33	58	<1
S313	0.2	20	<1	36	<1	21	<1	55	58	<1
S314	<0.1	10	<1	26	<1	21	<1	33	55	<1
S315	0.1	50	<1	36	<1	43	<1	50	69	<1
S316	0.1	<10	<1	12	<1	11	<1	17	25	<1
S317	0.1	<10	<1	14	<1	18	<1	15	24	<1
S318	<0.1	<10	<1	19	<1	15	<1	11	32	<1
S319	<0.1	<10	<1	10	<1	11	<1	19	21	<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	P	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn
Method	MMI-M	MMI-M	MMI-M	MMI-M	MMI-M	MMI-M	MMI-M	MMI-M	MMI-M	MMI-M
Det.Lim.	0.1	10	1	1	1	5	1	5	1	1
Units	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
S320	0.2	<10	<1	4	<1	88	<1	10	9	<1
S321	0.1	20	<1	30	<1	31	<1	37	53	<1
S322	0.1	10	<1	30	<1	21	<1	61	44	<1
S323	0.2	20	<1	23	<1	19	<1	50	39	<1
S324	0.2	<10	<1	6	<1	13	<1	18	13	<1
S325	0.2	<10	<1	12	<1	17	<1	20	25	<1
S326	0.1	<10	<1	19	<1	21	<1	30	43	<1
S327	0.1	<10	<1	12	<1	14	<1	22	25	<1
S328	0.3	<10	<1	11	<1	34	<1	24	19	<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 Method Det.Lim. Units	Sr MMI-M 10 ppb	Ta MMI-M 1 ppb	Tb MMI-M 1 ppb	Te MMI-M 10 ppb	Th MMI-M 0.5 ppb	Ti MMI-M 3 ppb	Tl MMI-M 0.5 ppb	U MMI-M 1 ppb	W MMI-M 1 ppb	Y MMI-M 1 ppb
T363	2640	<1	4	<10	3.9	51	<0.5	12	<1	139
T364	5760	<1	5	<10	30.7	21	<0.5	87	<1	117
T365	3760	<1	11	<10	24.3	121	<0.5	44	<1	391
T366	5870	<1	2	<10	3.3	92	<0.5	42	<1	74
T367	4580	<1	9	<10	11.5	75	<0.5	72	<1	297
T368	5450	<1	8	<10	9.2	32	<0.5	262	<1	279
T369	500	<1	36	<10	32.2	1790	<0.5	38	<1	808
T370	3810	<1	5	<10	6.2	117	<0.5	18	<1	137
T371	3540	<1	36	<10	5.8	341	<0.5	31	<1	1560
T372	6230	<1	15	<10	7.9	98	<0.5	35	<1	531
T373	3900	<1	8	<10	4.3	111	<0.5	17	<1	276
T374	3580	<1	11	<10	18.5	552	<0.5	35	<1	362
T375	4820	<1	6	<10	9.6	64	<0.5	17	<1	158
T376	4250	<1	23	<10	32.7	194	<0.5	49	<1	877
T377	5300	<1	2	<10	5.8	38	<0.5	131	<1	78
T378	4350	<1	8	<10	63.3	319	<0.5	41	<1	256
T379	2790	<1	14	<10	8.4	634	<0.5	189	<1	572
T380	3590	<1	3	<10	13.4	39	<0.5	49	<1	88
T381	2620	<1	3	<10	17.6	73	<0.5	16	<1	89
T382	3860	<1	2	<10	5.4	20	<0.5	20	<1	83
T383	5180	<1	7	<10	6.2	132	<0.5	14	<1	242
T384	6240	<1	11	<10	2.0	93	<0.5	30	<1	449
T385	5640	<1	17	<10	6.2	94	<0.5	45	<1	605
T386	10500	<1	4	<10	1.4	76	<0.5	20	<1	123
T387	5300	<1	5	<10	9.0	39	<0.5	51	<1	139
S302	4270	<1	2	<10	29.6	186	<0.5	16	<1	51
S303	2810	<1	11	<10	15.4	389	<0.5	45	<1	385
S304	3100	<1	23	<10	107	21	<0.5	261	<1	910
S305	2180	<1	36	<10	198	1350	0.7	86	<1	1040
S306	4790	<1	10	<10	6.8	73	<0.5	27	<1	414
S307	3300	<1	18	<10	28.3	207	<0.5	27	<1	577
S308	4270	<1	6	<10	34.0	71	<0.5	50	<1	192
S309	10300	<1	28	<10	18.5	35	<0.5	52	<1	759
S310	3420	<1	7	<10	11.7	190	<0.5	43	<1	221
S311	4960	<1	10	<10	12.3	194	<0.5	68	<1	334
S312	5410	<1	10	<10	50.6	116	<0.5	182	<1	321
S313	8070	<1	11	<10	7.5	121	<0.5	126	<1	394
S314	5840	<1	12	<10	6.1	43	<0.5	47	<1	461
S315	4760	<1	14	<10	3.3	81	<0.5	32	<1	591
S316	5110	<1	5	<10	1.8	26	<0.5	30	<1	185
S317	5880	<1	5	<10	5.4	48	<0.5	62	<1	157
S318	5100	<1	5	<10	10.1	36	<0.5	297	<1	186
S319	7700	<1	5	<10	4.6	17	<0.5	88	<1	174

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	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W	Y
Method	MMI-M	MMI-M	MMI-M	MMI-M	MMI-M	MMI-M	MMI-M	MMI-M	MMI-M	MMI-M
Det.Lim.	10	1	1	10	0.5	3	0.5	1	1	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
S320	7580	<1	2	<10	6.8	27	<0.5	13	<1	42
S321	5470	<1	9	<10	2.4	131	<0.5	30	<1	301
S322	5470	<1	9	<10	4.2	32	<0.5	131	<1	341
S323	4610	<1	9	<10	2.6	54	<0.5	58	<1	388
S324	5910	<1	3	<10	3.9	43	<0.5	99	<1	103
S325	4950	<1	5	<10	10.1	28	<0.5	51	<1	193
S326	4900	<1	10	<10	16.7	21	<0.5	46	<1	373
S327	5060	<1	5	<10	6.9	14	<0.5	33	<1	160
S328	3370	<1	3	<10	18.6	84	<0.5	29	<1	90

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 : VC132124 Order: UGV Project

Report File No.: 0000003255

Element Method Det.Lim. Units	Yb MMI-M 1 ppb	Zn MMI-M 20 ppb	Zr MMI-M 5 ppb
T363	8	<20	26
T364	8	<20	29
T365	25	130	70
T366	6	20	29
T367	16	20	34
T368	15	<20	18
T369	43	40	248
T370	6	<20	23
T371	63	30	47
T372	27	50	16
T373	14	<20	18
T374	21	30	107
T375	8	<20	26
T376	51	270	86
T377	5	50	26
T378	17	180	89
T379	30	380	106
T380	6	30	54
T381	6	70	50
T382	6	<20	27
T383	10	20	18
T384	24	90	29
T385	32	<20	21
T386	5	110	7
T387	7	<20	22
S302	3	130	40
S303	24	110	101
S304	69	110	143
S305	47	60	165
S306	20	90	18
S307	27	<20	64
S308	11	<20	54
S309	26	<20	33
S310	11	<20	96
S311	21	30	93
S312	20	50	94
S313	23	540	57
S314	26	30	24
S315	29	<20	18
S316	10	<20	13
S317	16	60	26
S318	11	30	27
S319	9	<20	7

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 : VC132124 Order: UGV Project

Report File No.: 0000003255

Element	Yb	Zn	Zr
Method	MMI-M	MMI-M	MMI-M
Det.Lim.	1	20	5
Units	ppb	ppb	ppb
S320	2	<20	32
S321	14	<20	28
S322	22	20	90
S323	22	60	71
S324	6	<20	25
S325	14	<20	36
S326	20	<20	19
S327	8	<20	14
S328	5	<20	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.