Certificate of Analysis
Work Order : SD180125
[Report File No.: 0000034020]

Date: February 06, 2019

To: **JASON JESSUP**
URSA MAJOR MINERALS INCORPORATED
45 OAK ST
DOWLING ON P0M 1R0

P.O. No.: SHAKESPEARE / TEST: 50 Samples
Project No.: SHAKESPEARE
Samples: 50
Received: Dec 3, 2018
Pages: Page 1 to 11
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
50	G_LOG02	Pre-preparation processing, sorting, logging, boxing
50	G_WGH79	Weighing of samples and reporting of weights
47	G_PRP89	Weigh, dry,(up to3.0 kg) crush to 75% passing 2 mm, split 250 g, pulverize to
50	GE_FAI313	@Au, Pt, Pd, FAS, ICP-AES, 30g - 5ml (Clean Pots only)
50	GE_IMS90A	Sodium Peroxide fusion/ICP-MS package(34 elements)
50	G_SHIP	Shipping

Comments:

Results in 2 decimal places for S in GE_IMS90A are informational only.

Certified By : _____
Gerald Chik
Operations Manager/Chief 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
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 .

Final : SD180125 Order: SHAKESPEARE / TEST: 50 Samples

Report File No.: 0000034020

Element	WtKg	Au@	Pt@	Pd@	Ag	Al	As	Ba
Method	G_WGH79	GE_FAI313	GE_FAI313	GE_FAI313	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A
Det.Lim.	0.01	1	10	1	1	0.01	3	10
Units	kg	ppb	ppb	ppb	ppm	%	ppm	ppm
S00354426	0.909	121	250	605	2	6.10	467	70
S00354427	0.451	1	<10	<1	<1	0.08	<3	20
S00354428	2.447	222	360	382	<1	7.08	310	80
S00354429	0.352	99	110	228	9	6.57	165	60
S00354430	0.395	114	220	252	9	6.44	168	60
S00354431	2.767	190	280	298	3	6.26	66	50
S00354432	1.995	317	590	546	3	6.40	37	100
S00354433	2.095	316	620	531	5	7.88	40	180
S00354434	1.785	462	890	806	6	7.40	77	210
S00354435	0.914	279	540	565	5	7.82	175	240
S00354436	2.660	358	660	713	6	7.31	115	210
S00354437	2.176	201	450	416	3	8.03	102	260
S00354438	2.137	327	660	684	5	7.41	142	200
S00354439	2.188	366	790	733	4	7.57	212	210
S00354440	0.498	<1	<10	3	<1	0.09	<3	20
S00354441	2.145	340	630	714	5	7.12	143	180
S00354442	2.362	319	600	678	5	6.74	127	180
S00354443	2.359	338	600	719	5	6.76	119	170
S00354444	2.216	277	580	616	4	6.45	173	170
S00354445	2.360	225	410	478	4	6.93	311	220
S00354446	2.082	207	380	455	3	6.72	91	170
S00354447	2.089	149	300	333	3	6.92	97	180
S00354448	2.373	205	310	427	2	6.93	111	110
S00354449	2.346	181	320	439	2	6.80	313	140
S00354450	0.101	50	410	539	<1	3.06	219	90
S00354451	2.558	130	260	312	1	6.75	343	140
S00354452	1.226	157	260	315	2	6.66	111	190
S00354453	0.885	185	320	448	2	7.60	225	190
S00354454	2.085	209	390	481	3	7.66	175	180
S00354455	2.014	291	510	623	3	8.35	179	170
S00354456	1.920	250	510	535	3	7.97	144	180
S00354457	2.065	255	520	561	4	7.88	89	150
S00354458	2.501	251	510	542	3	7.99	54	190
S00354459	2.179	236	450	557	3	7.73	110	180
S00354460	0.058	<1	<10	3	<1	9.25	<3	680
S00354461	2.225	241	440	562	4	7.71	145	160
S00354462	2.140	273	570	643	4	7.52	160	160
S00354463	1.076	161	350	414	3	7.67	101	210
S00354464	2.158	144	290	391	3	7.96	28	200
*Dup S00354464	<0.010	143	290	383	2	7.47	21	190

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 : SD180125 Order: SHAKESPEARE / TEST: 50 Samples

Report File No.: 0000034020

Element	WtKg	Au@	Pt@	Pd@	Ag	Al	As	Ba
Method	G_WGH79	GE_FAI313	GE_FAI313	GE_FAI313	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A
Det.Lim.	0.01	1	10	1	1	0.01	3	10
Units	kg	ppb	ppb	ppb	ppm	%	ppm	ppm
S00354465	2.136	237	420	592	3	7.19	79	200
S00354466	2.251	299	480	624	3	7.26	232	160
S00354467	2.184	306	430	556	3	7.04	414	160
S00354468	2.286	272	560	611	3	6.52	180	130
S00354469	2.236	320	500	646	3	7.60	514	140
S00354470	0.101	54	420	539	<1	3.02	243	90
S00354471	2.258	387	530	712	4	7.30	520	160
S00354472	2.234	278	490	646	4	7.54	165	110
S00354473	2.298	221	460	510	3	7.21	150	120
S00354474	2.110	214	420	528	3	7.24	62	130
S00354475	2.774	95	180	255	<1	7.11	23	130
*Rep S00354427		1	<10	<1				
*Std OREAS680		151	400	220				
*Std PGMS25		438	400	1850				
*Blk BLANK		<1	<10	<1				
*Rep S00354437					3	8.32	96	250
*Rep S00354475					1	7.35	19	130
*Std OREAS70B					<1	4.06	159	210
*Std OREAS680					9	7.02	114	690
*Blk BLANK					<1	<0.01	<3	<10

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 : SD180125 Order: SHAKESPEARE / TEST: 50 Samples

Report File No.: 0000034020

Element	Be	Bi	Ca	Cd	Co	Cr	Cs	Cu
Method	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A
Det.Lim.	1	0.1	0.1	0.2	0.5	5	0.1	2
Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
S00354426	<1	8.4	8.0	1.6	584	176	0.6	3880
S00354427	<1	<0.1	>25.0	0.3	1.5	11	<0.1	12
S00354428	<1	13.7	4.2	0.3	544	172	1.4	1420
S00354429	<1	9.8	3.8	1.9	541	156	0.7	18900
S00354430	<1	12.0	3.6	1.8	602	155	0.7	18300
S00354431	<1	14.3	3.7	0.6	544	207	0.6	4160
S00354432	<1	22.7	4.2	1.0	461	299	0.7	9220
S00354433	<1	23.4	4.5	1.3	258	341	1.1	7640
S00354434	<1	36.2	4.3	1.3	298	497	1.3	8030
S00354435	<1	24.4	4.8	1.1	304	558	1.6	7180
S00354436	<1	31.5	4.6	1.4	373	544	1.0	9320
S00354437	<1	15.7	5.0	1.0	239	573	1.1	4760
S00354438	<1	26.4	4.2	1.2	318	605	1.3	6770
S00354439	<1	29.5	4.2	1.1	343	610	1.6	6330
S00354440	<1	0.1	>25.0	<0.2	2.4	14	<0.1	20
S00354441	<1	29.1	4.1	1.4	331	682	1.1	6720
S00354442	<1	26.2	4.1	1.4	328	685	1.2	7270
S00354443	<1	27.0	3.9	1.3	365	704	1.1	7510
S00354444	<1	23.6	3.8	1.3	339	655	1.0	7270
S00354445	<1	18.4	4.3	1.1	302	685	0.9	5540
S00354446	<1	17.6	4.7	1.1	271	695	0.7	5190
S00354447	<1	13.9	5.2	0.8	229	708	0.9	3870
S00354448	<1	15.9	4.6	0.8	255	570	1.2	4540
S00354449	<1	15.5	5.2	0.7	315	469	2.3	3880
S00354450	<1	0.1	3.4	0.4	196	3290	2.2	2910
S00354451	<1	9.7	5.5	0.5	258	394	2.4	2520
S00354452	<1	11.8	5.5	0.8	194	235	4.0	3680
S00354453	<1	15.5	5.5	0.7	244	180	2.6	3970
S00354454	<1	18.3	5.5	0.8	255	163	2.2	4470
S00354455	<1	25.5	5.5	0.9	313	142	2.4	4920
S00354456	1	18.7	5.8	0.9	255	133	2.4	4740
S00354457	<1	19.7	5.8	1.2	242	132	2.3	6420
S00354458	<1	19.4	5.8	0.9	235	128	3.0	5450
S00354459	<1	19.7	5.7	1.1	291	126	3.6	5880
S00354460	<1	0.1	4.9	<0.2	15.8	34	0.8	111
S00354461	<1	19.8	5.8	1.2	296	139	2.9	6240
S00354462	<1	20.3	5.7	1.2	297	154	2.8	6520
S00354463	<1	13.7	5.9	0.8	226	172	3.2	4360
S00354464	<1	12.4	6.0	0.7	179	185	3.3	4070
*Dup S00354464	<1	11.0	5.6	0.7	160	185	3.1	3760

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 : SD180125 Order: SHAKESPEARE / TEST: 50 Samples

Report File No.: 0000034020

Element	Be	Bi	Ca	Cd	Co	Cr	Cs	Cu
Method	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A
Det.Lim.	1	0.1	0.1	0.2	0.5	5	0.1	2
Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
S00354465	<1	19.2	5.5	1.1	250	198	3.5	6060
S00354466	<1	20.3	5.5	1.1	283	208	3.0	5850
S00354467	<1	17.3	5.4	1.0	280	192	3.2	5500
S00354468	<1	18.1	5.5	1.0	263	198	2.7	5860
S00354469	<1	20.4	5.5	1.0	334	160	3.1	5910
S00354470	<1	0.1	3.6	0.4	209	3320	2.3	2980
S00354471	<1	21.0	5.3	1.2	340	134	3.6	6870
S00354472	<1	20.6	5.7	1.1	308	170	1.5	6490
S00354473	<1	17.1	5.8	1.0	261	176	2.3	5720
S00354474	<1	16.8	5.7	1.0	223	132	2.8	5750
S00354475	<1	6.0	5.7	0.5	109	78	3.2	1780
*Rep S00354437	<1	15.6	5.0	1.0	229	586	1.1	4700
*Rep S00354475	<1	6.0	5.9	0.4	110	84	3.3	1820
*Std OREAS70B	<1	0.7	3.4	0.4	79.4	1330	3.2	54
*Std OREAS680	1	1.6	5.6	8.0	301	2270	3.5	8760
*Blk BLANK	<1	<0.1	<0.1	<0.2	<0.5	11	<0.1	<2

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 : SD180125 Order: SHAKESPEARE / TEST: 50 Samples

Report File No.: 0000034020

Element	Fe	K	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A
Det.Lim.	0.01	0.1	0.1	5	0.01	10	2	5
Units	%	%	ppm	ppm	%	ppm	ppm	ppm
S00354426	15.4	0.4	22.5	18	3.21	1160	29	6530
S00354427	0.42	<0.1	1.4	<5	3.02	140	<2	17
S00354428	16.1	0.4	13.1	18	4.24	1140	64	6410
S00354429	17.1	0.3	11.6	15	3.95	1070	59	6610
S00354430	18.3	0.2	10.7	15	3.96	1070	67	8040
S00354431	18.7	0.2	8.1	17	4.95	1210	17	7640
S00354432	16.0	0.4	9.6	18	4.97	1480	11	6730
S00354433	13.0	0.6	12.0	16	4.57	1140	7	3940
S00354434	12.1	0.8	15.5	15	4.08	1020	6	4580
S00354435	12.1	0.9	15.4	16	4.81	1100	7	4530
S00354436	13.0	0.8	15.1	17	5.08	1160	13	6700
S00354437	11.0	1.0	13.4	19	5.60	1120	7	4160
S00354438	12.7	0.7	13.5	19	5.18	1040	9	6470
S00354439	12.8	0.8	14.3	17	5.00	1090	8	6190
S00354440	0.43	<0.1	1.5	<5	3.56	160	<2	33
S00354441	13.8	0.7	13.8	17	5.37	1170	9	6260
S00354442	12.7	0.7	12.8	19	5.87	1150	9	6010
S00354443	13.1	0.6	13.0	20	5.79	1150	10	6650
S00354444	12.5	0.6	13.0	18	5.56	1090	10	5790
S00354445	11.5	0.9	12.8	18	5.53	1150	8	4810
S00354446	12.2	0.7	14.1	18	5.77	1260	9	4330
S00354447	11.8	0.7	14.4	19	5.88	1360	7	3370
S00354448	12.7	0.5	12.6	17	5.35	1310	9	4120
S00354449	12.6	0.7	12.1	16	5.46	1420	9	4200
S00354450	11.2	0.2	4.4	27	13.8	1370	<2	4020
S00354451	11.3	0.6	13.0	17	5.65	1380	7	2680
S00354452	11.2	0.9	12.4	16	4.52	1250	8	3420
S00354453	11.5	0.8	13.8	15	4.28	1310	9	3970
S00354454	11.5	0.7	12.2	13	4.02	1220	9	3910
S00354455	12.2	0.8	18.2	17	4.60	1220	9	5470
S00354456	11.3	0.8	16.7	14	4.24	1170	4	4970
S00354457	11.2	0.6	14.2	13	3.87	1180	5	4760
S00354458	11.8	0.8	17.4	15	3.77	1250	4	5090
S00354459	12.4	0.8	14.8	14	3.63	1360	6	5140
S00354460	4.71	1.5	13.8	9	1.61	1030	6	16
S00354461	12.7	0.7	12.9	14	3.90	1340	5	5120
S00354462	12.3	0.7	12.9	14	3.71	1260	7	5560
S00354463	11.4	0.8	14.2	15	3.98	1340	5	3440
S00354464	11.1	0.9	15.5	16	4.38	1340	6	3040
*Dup S00354464	10.7	0.8	15.2	15	3.95	1290	5	2850

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 : SD180125 Order: SHAKESPEARE / TEST: 50 Samples

Report File No.: 0000034020

Element	Fe	K	La	Li	Mg	Mn	Mo	Ni
Method	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A
Det.Lim.	0.01	0.1	0.1	5	0.01	10	2	5
Units	%	%	ppm	ppm	%	ppm	ppm	ppm
S00354465	11.9	0.9	14.1	14	4.07	1330	6	4780
S00354466	12.2	0.7	12.9	14	4.06	1300	3	5160
S00354467	11.9	0.7	13.0	14	3.95	1340	3	4660
S00354468	12.4	0.7	12.6	12	4.07	1410	3	4970
S00354469	12.6	0.7	13.4	13	3.78	1380	4	5470
S00354470	10.5	0.2	4.1	30	15.0	1400	<2	3980
S00354471	12.7	0.8	13.6	12	3.38	1350	7	6000
S00354472	12.1	0.5	10.1	15	3.98	1350	4	5500
S00354473	11.9	0.6	10.5	14	4.21	1510	3	4590
S00354474	12.0	0.6	11.2	14	3.87	1520	2	4170
S00354475	10.2	0.6	11.3	12	3.65	1450	<2	1460
*Rep S00354437	11.2	0.9	12.8	19	5.44	1140	7	4240
*Rep S00354475	10.5	0.6	11.0	12	3.34	1460	<2	1510
*Std OREAS70B	5.74	0.6	16.4	35	13.5	1250	3	2240
*Std OREAS680	11.4	0.9	17.1	12	3.59	1270	4	22000
*Blk BLANK	<0.01	<0.1	<0.1	<5	<0.01	<10	<2	<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 .

Final : SD180125 Order: SHAKESPEARE / TEST: 50 Samples

Report File No.: 0000034020

Element	P	Pb	S	Sb	Si	Sn	Sr	Te
Method	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A
Det.Lim.	0.01	2	1	1	0.1	1	10	1
Units	%	ppm	%	ppm	%	ppm	ppm	ppm
S00354426	0.02	18	6.73	<1	18.1	1	120	4
S00354427	0.01	<2	<1.00	<1	4.3	<1	70	<1
S00354428	0.02	13	5.02	<1	20.9	<1	140	5
S00354429	0.02	13	8.77	<1	19.2	<1	130	4
S00354430	0.02	13	9.40	<1	19.1	<1	120	5
S00354431	0.02	10	8.19	<1	19.8	<1	90	5
S00354432	0.02	14	5.71	<1	23.9	1	120	8
S00354433	0.02	19	3.50	<1	22.6	1	160	7
S00354434	0.02	18	3.69	<1	22.7	1	160	11
S00354435	0.03	15	3.04	<1	24.4	1	170	8
S00354436	0.03	17	4.51	<1	24.2	1	140	9
S00354437	0.03	15	2.03	<1	25.3	1	150	6
S00354438	0.03	16	3.59	<1	23.9	2	140	8
S00354439	0.03	19	3.33	<1	23.4	2	150	8
S00354440	0.01	<2	<1.00	<1	4.0	<1	70	<1
S00354441	0.03	17	3.72	<1	23.9	2	130	8
S00354442	0.03	15	3.31	<1	23.7	2	100	7
S00354443	0.03	14	3.49	<1	24.2	2	90	8
S00354444	0.04	14	3.14	<1	22.1	2	80	7
S00354445	0.03	13	2.64	<1	25.4	2	120	5
S00354446	0.04	13	2.35	<1	26.0	2	110	5
S00354447	0.04	12	1.74	<1	27.4	2	110	4
S00354448	0.04	9	2.25	<1	25.2	2	110	4
S00354449	0.04	9	2.10	<1	27.2	2	130	4
S00354450	0.03	5	1.83	4	19.5	1	30	1
S00354451	0.04	10	1.13	<1	26.4	1	130	3
S00354452	0.04	11	1.55	<1	24.5	2	150	3
S00354453	0.04	11	2.01	<1	25.7	2	200	5
S00354454	0.03	13	2.46	<1	24.7	2	200	5
S00354455	0.03	15	2.75	<1	26.4	2	220	7
S00354456	0.03	15	2.40	<1	26.9	2	230	5
S00354457	0.03	16	2.90	<1	25.9	2	220	6
S00354458	0.04	14	2.78	<1	26.4	2	200	5
S00354459	0.04	13	2.69	<1	26.1	2	180	6
S00354460	0.07	8	<1.00	<1	33.4	1	560	<1
S00354461	0.04	12	3.03	<1	25.6	2	180	6
S00354462	0.04	13	2.89	<1	25.1	2	180	6
S00354463	0.04	15	1.94	<1	26.6	2	180	4
S00354464	0.05	14	1.46	<1	27.8	2	170	3
*Dup S00354464	0.05	13	1.21	<1	25.4	2	170	3

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 : SD180125 Order: SHAKESPEARE / TEST: 50 Samples

Report File No.: 0000034020

Element	P	Pb	S	Sb	Si	Sn	Sr	Te
Method	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A
Det.Lim.	0.01	2	1	1	0.1	1	10	1
Units	%	ppm	%	ppm	%	ppm	ppm	ppm
S00354465	0.04	14	2.67	<1	25.9	2	170	5
S00354466	0.04	12	2.52	<1	24.8	2	160	6
S00354467	0.04	11	2.34	2	25.6	2	160	5
S00354468	0.04	10	2.33	<1	23.8	2	140	5
S00354469	0.04	12	2.57	1	25.0	2	180	6
S00354470	0.03	5	1.63	4	20.3	1	30	1
S00354471	0.04	11	3.02	3	23.9	2	160	6
S00354472	0.03	13	2.93	<1	24.8	2	170	6
S00354473	0.03	12	2.34	<1	26.2	2	160	5
S00354474	0.04	11	2.35	<1	24.1	2	160	5
S00354475	0.03	10	<1.00	<1	23.1	<1	140	2
*Rep S00354437	0.03	15	2.41	<1	25.3	1	150	4
*Rep S00354475	0.03	11	<1.00	<1	24.0	1	150	2
*Std OREAS70B	0.03	14	<1.00	<1	24.2	1	70	<1
*Std OREAS680	0.10	2450	4.19	19	20.4	4	450	<1
*Blk BLANK	<0.01	<2	<1.00	<1	0.1	<1	<10	<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 .

Final : SD180125 Order: SHAKESPEARE / TEST: 50 Samples

Report File No.: 0000034020

Element	Ti	V	W	Y	Yb	Zn
Method	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A
Det.Lim.	0.01	5	5	0.5	0.1	5
Units	%	ppm	ppm	ppm	ppm	ppm
S00354426	0.28	236	<5	10.3	1.1	313
S00354427	<0.01	<5	<5	2.6	<0.1	15
S00354428	0.27	285	<5	9.1	1.0	93
S00354429	0.24	248	<5	7.8	0.9	204
S00354430	0.24	247	<5	7.9	0.9	198
S00354431	0.25	261	<5	8.0	0.9	107
S00354432	0.31	337	<5	9.3	1.1	126
S00354433	0.30	259	<5	9.1	1.2	126
S00354434	0.35	277	<5	11.5	1.4	118
S00354435	0.35	329	<5	12.6	1.4	120
S00354436	0.38	334	<5	11.5	1.4	129
S00354437	0.34	341	<5	11.4	1.2	114
S00354438	0.35	328	<5	11.6	1.3	116
S00354439	0.37	319	<5	11.6	1.4	114
S00354440	<0.01	<5	<5	2.6	0.1	6
S00354441	0.36	344	<5	11.2	1.3	131
S00354442	0.36	370	<5	11.5	1.3	131
S00354443	0.38	369	<5	12.0	1.3	131
S00354444	0.41	364	<5	13.2	1.5	128
S00354445	0.45	404	<5	14.4	1.6	131
S00354446	0.49	414	<5	15.2	1.7	136
S00354447	0.53	403	<5	16.4	1.8	132
S00354448	0.46	361	<5	13.6	1.5	131
S00354449	0.47	372	<5	13.6	1.4	129
S00354450	0.35	142	<5	8.0	0.9	122
S00354451	0.46	356	<5	13.9	1.6	113
S00354452	0.47	281	<5	13.9	1.6	119
S00354453	0.52	282	<5	16.0	1.7	109
S00354454	0.43	253	<5	11.7	1.5	108
S00354455	0.35	237	<5	14.7	1.6	125
S00354456	0.28	231	<5	14.9	1.5	114
S00354457	0.34	233	<5	12.2	1.2	113
S00354458	0.38	235	<5	17.5	1.8	114
S00354459	0.49	242	<5	16.6	1.8	123
S00354460	0.35	152	<5	20.5	2.7	83
S00354461	0.44	253	<5	15.9	1.7	130
S00354462	0.43	230	<5	15.2	1.5	126
S00354463	0.46	227	<5	16.0	1.8	122
S00354464	0.51	237	<5	18.9	2.0	119
*Dup S00354464	0.51	220	<5	17.2	2.0	115

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 : SD180125 Order: SHAKESPEARE / TEST: 50 Samples

Report File No.: 0000034020

Element	Ti	V	W	Y	Yb	Zn
Method	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A
Det.Lim.	0.01	5	5	0.5	0.1	5
Units	%	ppm	ppm	ppm	ppm	ppm
S00354465	0.57	243	<5	15.8	1.9	140
S00354466	0.52	245	<5	15.4	1.7	131
S00354467	0.52	258	<5	15.2	1.8	134
S00354468	0.53	259	<5	15.3	1.7	135
S00354469	0.53	248	<5	16.0	1.8	133
S00354470	0.37	149	<5	8.3	0.8	127
S00354471	0.54	221	<5	15.6	1.8	135
S00354472	0.48	222	<5	13.2	1.4	136
S00354473	0.48	227	<5	13.5	1.5	136
S00354474	0.47	228	<5	14.0	1.5	133
S00354475	0.47	189	<5	16.1	1.7	94
*Rep S00354437	0.36	345	<5	11.1	1.2	113
*Rep S00354475	0.49	189	<5	16.1	1.7	97
*Std OREAS70B	0.19	71	7	10.1	1.1	127
*Std OREAS680	0.45	213	<5	15.1	1.5	2190
*Blk BLANK	<0.01	<5	<5	<0.5	<0.1	<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 .