Certificate of Analysis
Work Order : SD180096
[Report File No.: 0000033385]

Date: December 21, 2018

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

P.O. No.: SHAKESPEARE / TEST: 38 Samples
Project No.: SHAKESPEARE
Samples: 38
Received: Nov 5, 2018
Pages: Page 1 to 11
(Inclusive of Cover Sheet)

Methods Summary

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

Comments:

Sample prep performed in Sudbury.
This Report cancels and supersedes the Report No. 033204 dated Dec 12 2018 issued by SGS Canada (Production Way).
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

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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
S00354003	0.721	3	<10	<1	<1	2.20	15	190
S00354004	0.984	3	<10	<1	<1	7.34	4	550
S00354005	1.084	<1	<10	<1	<1	5.76	<3	500
S00354006	2.178	<1	<10	<1	<1	3.10	7	360
S00354007	2.294	<1	<10	<1	<1	2.89	<3	300
S00354008	0.824	<1	<10	<1	<1	7.19	4	710
S00354009	1.898	<1	<10	<1	<1	6.50	<3	530
S00354010	0.055	2	<10	1	<1	8.39	<3	570
S00354011	1.377	<1	<10	<1	<1	7.30	<3	560
S00354012	1.971	<1	<10	<1	<1	7.49	5	610
S00354013	1.394	<1	<10	<1	<1	8.11	11	690
S00354014	2.421	1	<10	1	<1	9.05	12	830
S00354015	1.445	<1	<10	<1	<1	4.06	4	270
S00354016	2.003	<1	<10	<1	<1	3.91	<3	300
S00354017	2.072	<1	<10	1	<1	9.10	7	580
S00354018	1.417	<1	<10	1	<1	8.66	7	600
S00354019	1.017	<1	<10	1	<1	6.39	8	460
S00354020	0.103	55	450	568	1	2.75	226	80
S00354021	1.897	<1	<10	<1	<1	2.79	6	260
S00354022	0.962	<1	<10	<1	<1	8.24	<3	590
S00354023	2.864	6	<10	<1	<1	4.00	8	470
S00354024	2.017	<1	<10	<1	<1	2.58	<3	300
S00354025	2.072	<1	<10	<1	<1	8.18	<3	590
S00354026	2.185	<1	<10	<1	<1	9.43	5	630
S00354027	2.159	<1	<10	1	<1	9.51	6	590
S00354028	2.428	<1	<10	<1	<1	9.70	<3	610
S00354029	1.853	<1	<10	<1	<1	9.63	4	580
S00354030	0.843	<1	<10	1	<1	9.99	<3	580
S00354031	2.221	<1	<10	<1	<1	9.69	<3	500
S00354032	2.051	<1	<10	1	1	9.78	4	540
S00354033	1.812	1	<10	1	<1	9.89	<3	550
S00354034	2.442	<1	<10	1	<1	9.83	<3	550
S00354035	2.513	<1	<10	1	<1	9.63	<3	480
S00354036	2.227	<1	<10	1	<1	9.90	4	590
S00354037	2.012	<1	<10	1	<1	9.61	<3	540
S00354038	2.200	<1	<10	<1	<1	6.06	<3	460
S00354039	0.736	<1	<10	<1	<1	2.31	<3	260
S00354040	0.104	239	850	3590	4	5.32	14	110
*Rep S00354006		<1	<10	<1				
*Std OREAS680		152	390	215				

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Element	Au@	Pt@	Pd@	Ag	Al	As	Ba
Method	GE_FAI313	GE_FAI313	GE_FAI313	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A
Det.Lim.	1	10	1	1	0.01	3	10
Units	ppb	ppb	ppb	ppm	%	ppm	ppm
*Blk BLANK	<1	<10	<1				
*Rep S00354033				<1	8.89	<3	490
*Std OREAS680				10	6.70	121	630
*Std OREAS70B				<1	3.73	141	190
*Blk BLANK				<1	<0.01	<3	<10

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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
S00354003	<1	0.1	<0.1	<0.2	5.1	23	1.2	24
S00354004	1	0.2	0.7	<0.2	20.0	56	1.7	138
S00354005	1	<0.1	0.2	0.6	8.1	95	1.0	47
S00354006	<1	<0.1	0.1	<0.2	8.0	81	0.6	32
S00354007	<1	<0.1	0.2	0.2	4.3	63	0.4	33
S00354008	1	<0.1	0.5	<0.2	7.9	94	1.3	27
S00354009	<1	<0.1	0.5	<0.2	6.8	45	1.1	21
S00354010	<1	0.1	4.1	<0.2	15.2	24	0.8	108
S00354011	1	0.1	0.8	<0.2	8.1	39	1.3	30
S00354012	1	<0.1	0.8	<0.2	9.6	35	1.1	21
S00354013	2	<0.1	1.1	<0.2	15.5	58	2.2	13
S00354014	2	<0.1	0.9	<0.2	18.0	135	2.1	23
S00354015	<1	<0.1	0.7	<0.2	4.8	35	0.8	11
S00354016	<1	<0.1	0.7	<0.2	3.5	69	0.7	14
S00354017	2	<0.1	0.9	<0.2	21.6	131	3.4	9
S00354018	2	<0.1	1.0	<0.2	20.9	105	3.9	19
S00354019	1	0.1	1.6	<0.2	17.9	114	2.7	13
S00354020	<1	0.2	3.1	0.4	206	2850	2.4	2700
S00354021	<1	<0.1	0.2	<0.2	5.7	48	0.3	18
S00354022	2	<0.1	0.7	<0.2	10.4	132	2.1	16
S00354023	<1	<0.1	<0.1	<0.2	9.2	66	1.0	29
S00354024	<1	<0.1	0.2	<0.2	4.9	40	0.7	23
S00354025	2	<0.1	1.6	1.1	16.8	77	2.7	22
S00354026	2	<0.1	2.1	<0.2	20.8	96	1.8	6
S00354027	2	<0.1	2.0	<0.2	22.9	91	1.5	6
S00354028	2	<0.1	2.2	<0.2	23.1	89	1.4	8
S00354029	2	<0.1	2.3	<0.2	23.4	89	1.4	7
S00354030	2	<0.1	2.3	<0.2	22.5	89	1.2	6
S00354031	2	<0.1	2.8	<0.2	22.6	99	1.7	8
S00354032	2	<0.1	2.2	<0.2	23.1	110	1.5	10
S00354033	2	<0.1	2.3	<0.2	22.9	117	1.6	13
S00354034	2	<0.1	2.2	<0.2	22.7	123	1.7	9
S00354035	2	<0.1	2.0	<0.2	22.0	106	1.4	8
S00354036	2	<0.1	1.7	<0.2	22.8	129	3.1	9
S00354037	2	<0.1	1.5	<0.2	22.7	122	2.5	11
S00354038	1	<0.1	0.3	<0.2	7.4	85	1.5	19
S00354039	<1	0.2	<0.1	0.2	4.7	40	0.7	28
S00354040	<1	0.8	3.3	2.0	1030	315	0.6	16300

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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
*Rep S00354033	2	<0.1	1.9	<0.2	21.3	104	1.5	9
*Std OREAS680	1	1.7	5.5	7.7	336	2030	3.5	9370
*Std OREAS70B	<1	1.0	3.0	0.7	82.1	1190	3.6	51
*Blk BLANK	<1	<0.1	<0.1	<0.2	<0.5	<5	<0.1	2

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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
S00354003	1.63	1.7	2.2	10	0.37	100	5	11
S00354004	4.01	2.9	31.1	19	0.97	280	<2	20
S00354005	2.14	3.0	11.9	13	0.57	150	3	26
S00354006	1.15	2.1	7.9	9	0.22	90	4	14
S00354007	1.03	1.3	8.5	6	0.20	80	3	8
S00354008	1.83	3.3	16.9	15	0.51	140	4	14
S00354009	1.75	2.5	30.9	10	0.46	140	3	14
S00354010	4.96	1.3	11.5	9	1.67	940	6	18
S00354011	2.12	2.6	30.9	11	0.58	170	2	12
S00354012	2.12	2.6	34.1	11	0.59	160	2	12
S00354013	3.51	3.8	38.5	16	1.11	260	<2	19
S00354014	3.55	4.1	30.8	21	1.13	240	3	30
S00354015	1.24	1.5	9.9	7	0.33	120	2	10
S00354016	1.14	1.7	13.8	6	0.28	120	4	10
S00354017	5.05	4.5	30.1	26	1.82	370	<2	41
S00354018	4.44	4.4	29.6	24	1.62	340	<2	37
S00354019	3.51	3.6	14.2	19	1.30	290	<2	35
S00354020	11.2	0.2	3.7	30	14.3	1300	<2	3860
S00354021	0.97	1.3	7.4	7	0.21	80	2	15
S00354022	2.78	4.1	42.1	20	1.06	190	2	22
S00354023	1.33	2.1	8.5	11	0.39	90	3	11
S00354024	1.13	1.0	10.6	8	0.22	80	2	9
S00354025	3.83	3.2	37.0	18	1.34	240	13	30
S00354026	4.24	3.1	39.4	18	1.62	280	3	30
S00354027	4.26	2.8	39.3	19	1.70	290	3	30
S00354028	4.55	2.8	38.2	19	1.86	320	<2	32
S00354029	4.56	2.7	37.2	17	1.73	350	<2	32
S00354030	4.48	2.6	38.8	17	1.74	350	<2	31
S00354031	4.44	2.6	34.9	18	1.67	360	<2	37
S00354032	4.58	2.8	39.4	17	1.75	380	<2	37
S00354033	4.58	2.7	37.1	18	1.77	390	<2	37
S00354034	4.54	3.0	36.3	19	1.79	400	<2	38
S00354035	4.28	2.5	35.0	17	1.80	370	<2	37
S00354036	4.63	3.7	33.7	24	1.91	390	<2	39
S00354037	4.59	3.3	32.5	22	1.91	400	<2	42
S00354038	1.93	2.7	22.8	18	0.72	130	3	18
S00354039	0.98	1.8	4.3	8	0.25	60	3	9
S00354040	18.2	0.3	6.9	9	4.20	1000	7	45800

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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
*Rep S00354033	4.18	2.5	32.9	17	1.61	360	<2	32
*Std OREAS680	11.8	1.2	17.6	11	3.77	1150	3	21700
*Std OREAS70B	5.63	0.6	14.2	33	13.2	1100	3	2130
*Blk BLANK	<0.01	<0.1	<0.1	<5	<0.01	<10	<2	<5

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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
S00354003	<0.01	4	<1.00	<1	>40.0	<1	20	<1
S00354004	0.03	8	<1.00	<1	34.8	<1	50	<1
S00354005	0.01	20	<1.00	<1	38.7	<1	20	<1
S00354006	0.04	9	<1.00	<1	>40.0	<1	10	<1
S00354007	<0.01	12	<1.00	<1	>40.0	<1	10	<1
S00354008	0.01	8	<1.00	<1	34.6	<1	50	<1
S00354009	0.03	8	<1.00	<1	35.3	<1	80	<1
S00354010	0.05	7	<1.00	<1	29.5	<1	450	<1
S00354011	0.04	12	<1.00	<1	32.0	<1	100	<1
S00354012	0.04	10	<1.00	<1	34.9	<1	100	<1
S00354013	0.04	7	<1.00	<1	30.7	<1	60	<1
S00354014	0.05	8	<1.00	<1	30.8	<1	60	<1
S00354015	0.02	6	<1.00	<1	>40.0	<1	60	<1
S00354016	0.01	5	<1.00	<1	>40.0	<1	40	<1
S00354017	0.04	6	<1.00	<1	30.6	<1	60	<1
S00354018	0.04	8	<1.00	<1	29.5	<1	60	<1
S00354019	0.03	16	<1.00	<1	34.8	<1	30	<1
S00354020	0.03	4	1.67	3	18.5	<1	30	1
S00354021	<0.01	10	<1.00	<1	38.9	<1	20	<1
S00354022	0.04	13	<1.00	<1	33.0	<1	30	<1
S00354023	<0.01	7	<1.00	<1	>40.0	<1	10	<1
S00354024	<0.01	9	<1.00	<1	>40.0	<1	20	<1
S00354025	0.05	12	<1.00	<1	31.0	<1	120	<1
S00354026	0.04	9	<1.00	<1	30.4	<1	160	<1
S00354027	0.03	10	<1.00	<1	29.7	<1	180	<1
S00354028	0.03	11	<1.00	<1	29.6	<1	190	<1
S00354029	0.03	10	<1.00	<1	29.9	<1	220	<1
S00354030	0.03	10	<1.00	<1	29.3	<1	220	<1
S00354031	0.03	11	<1.00	<1	30.8	<1	240	<1
S00354032	0.03	11	<1.00	<1	30.7	<1	220	<1
S00354033	0.03	11	<1.00	<1	31.4	<1	220	<1
S00354034	0.03	12	<1.00	<1	30.1	<1	210	<1
S00354035	0.02	10	<1.00	<1	30.6	<1	180	<1
S00354036	0.03	9	<1.00	<1	30.6	<1	140	<1
S00354037	0.02	10	<1.00	<1	30.0	<1	140	<1
S00354038	0.02	13	<1.00	<1	38.2	<1	50	<1
S00354039	<0.01	9	<1.00	<1	>40.0	<1	20	<1
S00354040	0.04	13	8.66	3	15.7	<1	160	4

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Report File No.: 0000033385

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
*Rep S00354033	0.03	9	<1.00	<1	27.2	<1	200	<1
*Std OREAS680	0.12	2370	4.73	19	20.6	<1	400	<1
*Std OREAS70B	0.02	19	<1.00	<1	23.3	<1	70	<1
*Blk BLANK	<0.01	<2	<1.00	<1	<0.1	<1	<10	<1

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Report File No.: 0000033385

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
S00354003	0.02	10	<5	2.9	0.3	11
S00354004	0.27	48	7	18.1	1.8	22
S00354005	0.21	46	<5	6.9	0.9	103
S00354006	0.08	13	<5	6.9	0.6	13
S00354007	0.06	8	<5	5.3	0.5	29
S00354008	0.22	34	<5	28.5	2.5	15
S00354009	0.14	22	<5	21.2	1.9	12
S00354010	0.31	134	<5	21.5	2.2	61
S00354011	0.16	26	<5	24.5	2.3	14
S00354012	0.16	25	<5	25.1	2.3	15
S00354013	0.30	55	<5	21.1	2.0	22
S00354014	0.43	74	<5	26.2	2.8	22
S00354015	0.08	15	<5	11.9	1.1	6
S00354016	0.08	16	<5	8.9	0.9	7
S00354017	0.44	114	<5	17.8	1.7	29
S00354018	0.41	95	<5	20.4	2.1	25
S00354019	0.29	84	<5	11.7	1.2	24
S00354020	0.33	133	<5	8.7	0.8	107
S00354021	0.06	9	<5	4.9	0.5	27
S00354022	0.34	57	<5	23.6	2.3	20
S00354023	0.08	15	<5	5.1	0.6	25
S00354024	0.04	6	<5	3.8	0.4	6
S00354025	0.33	65	<5	19.7	1.9	25
S00354026	0.41	83	<5	21.9	2.2	26
S00354027	0.42	87	<5	21.8	2.1	29
S00354028	0.45	90	<5	21.1	2.2	34
S00354029	0.45	88	<5	21.3	1.9	31
S00354030	0.44	87	<5	21.6	2.0	30
S00354031	0.44	95	6	21.4	2.0	31
S00354032	0.44	102	<5	22.3	2.1	33
S00354033	0.45	105	<5	21.8	2.2	34
S00354034	0.44	105	<5	21.7	2.1	34
S00354035	0.42	97	<5	21.3	2.0	35
S00354036	0.46	114	<5	20.3	2.0	37
S00354037	0.46	114	<5	18.0	2.0	33
S00354038	0.23	34	<5	10.6	1.1	20
S00354039	0.04	8	<5	3.1	0.3	37
S00354040	0.52	78	<5	9.3	0.9	148

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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
*Rep S00354033	0.39	95	<5	19.8	1.9	30
*Std OREAS680	0.51	211	<5	15.7	1.6	2280
*Std OREAS70B	0.18	67	7	10.4	1.0	113
*Blk BLANK	<0.01	<5	<5	<0.5	<0.1	<5

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