Certificate of Analysis
Work Order : SD180141
[Report File No.: 0000033928]

Date: January 31, 2019

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

P.O. No.: SHAKESPEARE / TEST: 28 Samples
Project No.: SHAKESPEARE
Samples: 28
Received: Dec 12, 2018
Pages: Page 1 to 6
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
28	G_LOG02	Pre-preparation processing, sorting, logging, boxing
28	G_WGH79	Weighing of samples and reporting of weights
26	G_PRP89	Weigh, dry,(up to3.0 kg) crush to 75% passing 2 mm, split 250 g, pulverize to
28	GE_FAI313	@Au, Pt, Pd, FAS, ICP-AES, 30g - 5ml (Clean Pots only)
28	GE_IMS90A	Sodium Peroxide fusion/ICP-MS package(34 elements)
28	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

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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
S00354951	0.977	27	40	81	<1	7.68	<3	70
S00354952	3.309	31	80	75	<1	7.59	6	150
S00354953	3.041	9	30	96	<1	8.22	4	150
S00354954	2.655	<1	<10	5	<1	7.81	<3	150
S00354955	0.707	6	10	20	<1	8.43	<3	60
S00354956	0.502	<1	<10	<1	<1	0.09	<3	20
S00354957	1.409	3	<10	6	<1	7.93	3	80
S00354958	0.864	8	10	37	<1	8.73	<3	70
S00354959	2.629	7	<10	10	<1	8.37	<3	60
S00354960	0.064	<1	<10	3	<1	9.27	<3	660
S00354961	2.227	13	<10	13	2	8.46	<3	70
S00354962	1.694	5	<10	9	<1	8.33	<3	120
S00354963	0.772	12	10	10	<1	7.76	<3	70
S00354964	2.859	9	<10	7	<1	8.02	<3	180
S00354965	1.856	6	<10	6	<1	7.37	<3	90
S00354966	3.492	2	<10	9	<1	7.83	<3	170
S00354967	3.069	<1	<10	11	<1	7.41	6	130
S00354968	2.589	2	<10	8	<1	7.69	9	150
S00354969	1.546	3	<10	13	<1	7.67	16	70
S00354970	0.101	64	440	569	1	2.97	214	90
S00354971	2.688	2	10	9	<1	7.48	8	50
S00354972	1.797	3	10	9	<1	7.59	4	140
S00354973	1.016	<1	<10	7	<1	8.42	17	20
S00354974	1.206	<1	<10	4	<1	7.44	12	40
S00354975	0.554	<1	<10	<1	<1	0.12	<3	20
S00354976	0.936	<1	<10	2	<1	9.44	<3	360
S00354977	1.875	<1	<10	4	<1	9.36	<3	340
S00354978	1.539	1	<10	2	<1	9.17	<3	380
*Rep S00354952		31	70	75				
*Std OREAS680		156	410	234				
*Std PGMS25		506	440	1940				
*Blk BLANK		<1	<10	<1				
*Rep S00354960					<1	9.48	<3	640
*Std OREAS680					10	7.45	119	700
*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
S00354951	<1	0.6	8.5	0.3	46.2	79	1.0	396
S00354952	<1	0.7	7.7	0.4	60.5	55	1.4	973
S00354953	<1	0.6	7.2	<0.2	49.8	50	1.5	137
S00354954	<1	0.3	7.3	<0.2	51.6	51	2.2	111
S00354955	<1	0.8	8.2	0.2	64.6	53	0.7	219
S00354956	<1	<0.1	>25.0	<0.2	1.3	<5	<0.1	4
S00354957	<1	0.3	8.1	0.2	48.1	48	0.6	313
S00354958	1	0.5	7.9	<0.2	67.1	52	0.6	207
S00354959	<1	0.3	8.1	0.3	40.4	50	0.6	442
S00354960	<1	0.1	4.8	<0.2	15.2	27	0.9	102
S00354961	<1	0.3	8.3	0.8	48.4	54	0.6	1830
S00354962	<1	0.3	7.7	0.2	47.1	56	1.1	362
S00354963	<1	0.8	8.8	0.6	43.9	50	0.6	1080
S00354964	<1	0.2	8.0	0.4	46.7	58	1.5	711
S00354965	<1	0.3	6.6	0.7	38.6	65	0.6	928
S00354966	<1	0.2	8.4	0.2	48.9	67	1.5	267
S00354967	<1	0.3	7.8	<0.2	46.8	65	0.8	148
S00354968	<1	0.2	7.6	0.3	49.7	68	0.7	140
S00354969	<1	0.5	7.8	0.3	59.0	70	0.5	453
S00354970	<1	0.1	3.7	0.4	196	3140	2.2	2890
S00354971	<1	0.4	8.0	<0.2	47.7	70	0.2	197
S00354972	<1	0.2	7.1	<0.2	46.9	72	0.7	320
S00354973	<1	0.2	8.9	<0.2	64.1	91	0.2	41
S00354974	<1	0.2	8.0	<0.2	46.8	106	0.2	40
S00354975	<1	<0.1	>25.0	<0.2	1.6	<5	<0.1	2
S00354976	2	<0.1	3.0	<0.2	33.4	155	1.9	26
S00354977	1	0.1	5.2	<0.2	54.1	139	6.0	105
S00354978	1	0.1	4.7	<0.2	46.6	100	6.5	150
*Rep S00354960	<1	0.1	4.9	<0.2	14.9	30	0.8	104
*Std OREAS680	2	1.8	6.1	8.6	317	2260	3.7	9160
*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
S00354951	9.65	0.4	11.3	9	4.59	1580	<2	212
S00354952	8.75	0.6	10.1	10	4.27	1360	<2	349
S00354953	8.42	0.6	11.8	12	3.54	1310	<2	108
S00354954	8.58	0.7	12.2	10	3.66	1330	<2	104
S00354955	8.93	0.3	12.2	9	3.83	1320	<2	624
S00354956	0.45	<0.1	1.4	<5	3.17	150	<2	13
S00354957	8.57	0.3	12.4	8	4.03	1380	<2	128
S00354958	9.14	0.4	13.6	9	3.80	1270	<2	744
S00354959	8.20	0.4	11.5	8	3.97	1320	<2	124
S00354960	5.13	1.5	13.6	9	1.67	990	6	16
S00354961	8.50	0.4	11.9	9	3.94	1360	<2	148
S00354962	8.08	0.5	11.5	10	4.03	1320	<2	107
S00354963	8.53	0.3	10.8	8	4.18	1360	<2	118
S00354964	8.22	0.6	11.3	9	4.16	1280	<2	115
S00354965	7.32	0.4	8.6	14	3.56	1100	<2	97
S00354966	8.57	0.7	10.2	12	4.40	1310	<2	113
S00354967	8.21	0.4	9.5	11	3.86	1240	<2	107
S00354968	8.01	0.6	9.3	9	4.26	1280	<2	111
S00354969	8.55	0.3	9.9	10	4.53	1350	<2	126
S00354970	11.8	0.2	3.9	28	14.6	1350	<2	3970
S00354971	8.63	0.2	9.6	11	4.50	1340	<2	120
S00354972	8.23	0.5	7.8	13	4.36	1240	<2	118
S00354973	8.77	<0.1	7.5	13	5.21	1230	<2	142
S00354974	6.71	0.2	7.9	10	4.68	970	<2	112
S00354975	0.44	<0.1	1.5	<5	2.67	130	<2	12
S00354976	5.34	1.9	20.4	22	2.39	590	3	42
S00354977	8.53	1.9	18.3	23	2.71	960	<2	62
S00354978	8.14	2.1	22.4	23	2.58	890	<2	43
*Rep S00354960	5.24	1.4	13.0	9	1.62	1010	6	16
*Std OREAS680	12.4	1.3	19.6	13	3.66	1220	3	20900
*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
S00354951	0.04	8	<1.00	<1	23.6	<1	170	<1
S00354952	0.04	8	<1.00	<1	23.8	<1	180	<1
S00354953	0.04	10	<1.00	<1	23.0	<1	200	<1
S00354954	0.04	9	<1.00	<1	23.0	<1	200	<1
S00354955	0.04	8	<1.00	<1	22.5	1	180	<1
S00354956	0.02	<2	<1.00	<1	3.4	<1	70	<1
S00354957	0.05	9	<1.00	<1	24.4	1	200	<1
S00354958	0.05	10	<1.00	<1	21.7	1	200	<1
S00354959	0.05	8	<1.00	<1	24.8	1	170	<1
S00354960	0.07	8	<1.00	<1	29.2	1	560	<1
S00354961	0.05	9	<1.00	<1	24.4	1	180	<1
S00354962	0.04	9	<1.00	<1	25.3	<1	200	<1
S00354963	0.05	12	<1.00	<1	23.5	1	190	<1
S00354964	0.04	9	<1.00	<1	24.1	<1	200	<1
S00354965	0.04	23	<1.00	<1	27.3	<1	150	<1
S00354966	0.04	8	<1.00	<1	25.3	<1	200	<1
S00354967	0.03	10	<1.00	<1	22.5	1	190	<1
S00354968	0.03	8	<1.00	<1	23.3	<1	190	<1
S00354969	0.03	8	<1.00	<1	22.8	<1	180	<1
S00354970	0.03	6	1.84	4	17.5	<1	30	1
S00354971	0.03	8	<1.00	<1	22.9	<1	200	<1
S00354972	0.04	7	<1.00	<1	23.0	<1	180	<1
S00354973	0.03	9	<1.00	<1	23.3	<1	200	<1
S00354974	0.03	8	<1.00	<1	27.2	<1	160	<1
S00354975	<0.01	<2	<1.00	<1	3.6	<1	70	<1
S00354976	0.04	10	<1.00	<1	31.4	<1	160	<1
S00354977	0.07	11	<1.00	1	27.0	1	180	<1
S00354978	0.06	11	<1.00	<1	26.5	1	180	<1
*Rep S00354960	0.07	9	<1.00	<1	28.9	1	530	<1
*Std OREAS680	0.15	2740	5.08	21	19.8	9	460	<1
*Blk BLANK	<0.01	<2	<1.00	<1	0.2	<1	<10	<1

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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
S00354951	0.54	246	<5	14.3	1.6	106
S00354952	0.48	220	<5	14.6	1.6	102
S00354953	0.53	227	<5	15.7	1.7	90
S00354954	0.53	231	<5	16.6	1.9	102
S00354955	0.60	256	<5	18.1	1.8	98
S00354956	<0.01	<5	<5	2.8	0.2	6
S00354957	0.57	256	<5	17.6	2.0	97
S00354958	0.61	274	<5	19.2	2.1	92
S00354959	0.55	251	<5	17.2	1.8	94
S00354960	0.34	152	<5	21.6	2.6	74
S00354961	0.55	255	<5	18.1	1.8	114
S00354962	0.57	270	<5	18.0	1.9	94
S00354963	0.48	275	<5	15.9	1.5	110
S00354964	0.57	274	<5	18.2	1.8	103
S00354965	0.47	226	<5	14.3	1.4	177
S00354966	0.52	275	<5	16.6	1.6	100
S00354967	0.46	248	<5	14.6	1.6	90
S00354968	0.49	254	<5	14.6	1.5	93
S00354969	0.50	251	<5	15.8	1.6	98
S00354970	0.36	143	<5	8.6	0.8	126
S00354971	0.47	275	<5	15.1	1.6	92
S00354972	0.47	250	<5	14.3	1.4	88
S00354973	0.46	267	<5	14.5	1.4	99
S00354974	0.42	226	<5	13.0	1.3	71
S00354975	<0.01	<5	<5	3.1	<0.1	<5
S00354976	0.66	183	<5	15.2	1.5	80
S00354977	0.90	284	<5	19.8	1.9	109
S00354978	0.86	264	<5	21.5	2.1	100
*Rep S00354960	0.34	152	<5	21.7	2.5	73
*Std OREAS680	0.56	237	<5	16.2	1.7	2460
*Blk BLANK	<0.01	<5	<5	<0.5	<0.1	<5

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