Certificate of Analysis
Work Order : SD180112
[Report File No.: 0000033669]

Date: January 15, 2019

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

P.O. No.: SHAKESPEARE / TEST: 70 Samples
Project No.: SHAKESPEARE
Samples: 70
Received: Nov 19, 2018
Pages: Page 1 to 16
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
70	G_LOG02	Pre-preparation processing, sorting, logging, boxing
70	G_WGH79	Weighing of samples and reporting of weights
65	G_PRP89	Weigh, dry,(up to3.0 kg) crush to 75% passing 2 mm, split 250 g, pulverize to
70	G_PUL45	Pulverize 250g, Cr Steel, 85% passing 75 microns
70	GE_FAI313	@Au, Pt, Pd, FAS, ICP-AES, 30g - 5ml (Clean Pots only)
70	GE_IMS90A	Sodium Peroxide fusion/ICP-MS package(34 elements)
70	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
S00354249	2.017	17	<10	1	<1	4.60	44	400
S00354250	0.111	299	770	3340	3	5.55	18	120
S00354251	1.022	5	<10	1	<1	7.29	10	440
S00354252	2.485	5	<10	2	<1	8.12	<3	340
S00354253	1.035	22	<10	3	<1	8.13	<3	330
S00354254	0.682	442	<10	2	<1	7.81	<3	350
S00354255	0.706	230	<10	1	<1	5.19	7	190
S00354256	2.574	388	<10	2	<1	8.08	31	360
S00354257	1.605	290	<10	3	<1	7.46	13	350
S00354258	0.709	10	<10	2	<1	5.96	9	530
S00354259	2.099	160	<10	2	<1	8.57	<3	260
S00354260	0.149	<1	<10	2	<1	8.92	5	660
S00354261	0.792	4	<10	1	<1	8.18	7	120
S00354262	2.532	2	<10	4	<1	7.79	5	260
S00354263	2.618	4	<10	3	<1	8.30	5	240
S00354264	2.469	11	40	45	<1	7.98	77	360
S00354265	2.400	13	160	137	<1	8.92	177	430
S00354266	1.482	7	110	140	<1	9.13	251	480
S00354267	1.682	13	170	148	<1	8.88	463	460
S00354268	0.805	1	<10	1	<1	0.07	5	20
S00354269	2.467	<1	20	18	<1	9.99	95	510
S00354270	0.102	66	440	568	<1	2.89	214	90
S00354271	1.886	2	50	45	<1	8.92	466	480
S00354272	2.095	2	50	51	<1	8.86	157	430
S00354273	1.285	6	70	48	<1	9.27	23	490
S00354274	2.439	21	150	147	<1	8.30	70	440
S00354275	1.016	20	200	168	<1	8.16	78	350
S00354276	0.712	34	350	128	<1	8.06	45	270
S00354277	1.403	19	380	125	<1	7.04	42	230
S00354278	0.391	18	310	213	<1	7.40	127	290
S00354279	1.020	2	<10	1	<1	0.08	<3	20
S00354280	0.329	19	290	199	<1	7.19	88	370
S00354281	2.567	14	110	132	<1	8.44	142	310
S00354282	2.445	88	260	200	<1	7.45	347	270
S00354283	1.389	106	160	167	<1	7.06	270	350
S00354284	0.950	212	180	974	<1	6.92	1070	370
S00354285	2.078	193	280	199	<1	6.66	78	310
S00354286	0.683	<1	<10	2	<1	0.08	4	20
S00354287	2.810	28	10	28	<1	8.03	19	270
*Dup S00354287	<0.010	20	20	26	<1	7.88	12	270

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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
S00354288	1.091	38	100	72	<1	8.61	7	670
S00354289	1.214	24	20	44	<1	8.68	18	750
S00354290	0.702	<1	<10	1	<1	0.12	14	20
S00354291	1.457	49	40	48	<1	8.20	12	380
S00354292	1.050	32	50	40	<1	7.48	14	380
S00354293	2.094	11	20	21	<1	7.99	23	340
S00354294	1.950	4	<10	12	<1	8.14	12	360
S00354295	1.473	81	10	7	<1	10.0	8	460
S00354296	2.155	<1	<10	2	<1	9.20	10	330
S00354297	0.873	2	<10	3	<1	7.52	5	500
S00354298	0.597	<1	10	21	<1	2.58	13	70
S00354299	0.720	16	70	51	<1	3.28	7	80
S00354300	0.112	242	820	3600	3	6.00	18	120
S00354301	1.511	<1	<10	<1	<1	2.92	6	80
S00354302	2.209	<1	<10	<1	<1	2.49	<3	140
S00354303	1.381	1	<10	7	<1	8.59	11	250
S00354304	1.854	3	10	14	<1	8.16	19	200
S00354305	3.321	3	10	13	<1	9.63	21	230
S00354306	3.039	52	60	88	<1	8.40	27	230
S00354307	2.569	18	30	29	<1	8.71	7	250
S00354308	2.988	<1	<10	5	<1	8.87	8	210
S00354309	1.943	<1	<10	5	<1	9.60	6	360
S00354310	0.123	<1	<10	2	<1	9.38	4	600
S00354311	1.101	12	20	40	<1	6.17	<3	360
S00354312	2.346	12	20	32	<1	9.08	8	200
S00354313	1.077	7	20	37	<1	8.96	15	170
S00354314	1.065	4	10	16	<1	8.84	6	210
S00354315	2.270	10	<10	<1	<1	8.69	<3	320
S00354316	1.172	18	<10	4	<1	8.48	5	240
S00354317	1.907	13	20	45	<1	8.51	9	180
S00354318	1.951	9	20	47	<1	8.47	13	200
*Rep S00354254		449	<10	2				
*Rep S00354287		21	20	27				
*Std OREAS680		160	420	228				
*Std PGMS25		512	420	1910				
*Std PGMS-27		4570	1370	2100				
*Blk BLANK		<1	<10	<1				
*Rep S00354260					<1	8.59	<3	670
*Rep S00354299					<1	3.48	6	80
*Std OREAS680					9	7.48	114	720

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Element	Ag	Al	As	Ba
Method	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A
Det.Lim.	1	0.01	3	10
Units	ppm	%	ppm	ppm
*Std OREAS70B	<1	4.03	159	210
*Std OREAS680	9	7.52	119	650
*Blk BLANK	<1	<0.01	<3	<10
*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
S00354249	<1	0.6	<0.1	<0.2	3.8	94	1.2	26
S00354250	<1	0.8	3.6	2.0	969	361	0.8	15900
S00354251	2	0.3	1.5	<0.2	16.3	74	4.5	43
S00354252	1	0.8	4.2	<0.2	37.7	122	6.2	56
S00354253	1	1.1	4.3	<0.2	37.0	127	6.0	75
S00354254	2	7.3	3.4	<0.2	35.8	106	3.6	218
S00354255	<1	4.4	4.6	0.2	27.4	85	2.5	290
S00354256	1	6.7	3.6	0.3	44.7	110	2.5	332
S00354257	1	4.8	3.4	0.8	38.6	106	3.5	201
S00354258	1	0.4	11.3	1.4	31.9	73	3.9	467
S00354259	1	2.5	3.2	0.7	41.1	117	3.5	287
S00354260	<1	0.1	4.6	<0.2	14.2	34	0.8	96
S00354261	1	0.4	4.8	<0.2	43.2	134	1.8	311
S00354262	1	0.2	3.8	<0.2	48.9	194	4.3	188
S00354263	1	0.3	4.6	<0.2	54.7	149	4.2	341
S00354264	1	0.7	3.7	<0.2	97.7	404	3.9	338
S00354265	1	1.3	3.2	<0.2	152	543	4.1	653
S00354266	1	1.1	3.1	<0.2	144	492	4.9	428
S00354267	1	1.9	3.1	<0.2	170	447	4.3	682
S00354268	<1	<0.1	>25.0	<0.2	1.2	12	<0.1	6
S00354269	1	0.4	3.1	<0.2	35.3	479	4.3	8
S00354270	<1	0.2	3.4	0.4	199	3270	2.3	2950
S00354271	1	1.1	3.4	<0.2	123	604	3.5	46
S00354272	<1	0.4	3.6	0.4	82.8	512	3.7	171
S00354273	1	0.3	4.4	<0.2	59.0	509	5.1	389
S00354274	<1	1.1	3.5	<0.2	135	486	4.2	1120
S00354275	1	2.4	3.3	<0.2	194	416	2.3	1440
S00354276	<1	2.8	4.1	0.3	194	348	2.2	2230
S00354277	<1	4.1	3.6	0.2	276	270	2.1	2560
S00354278	<1	3.7	3.2	<0.2	303	357	2.8	506
S00354279	<1	<0.1	>25.0	<0.2	1.7	14	<0.1	10
S00354280	1	4.2	2.7	<0.2	378	363	3.5	719
S00354281	1	1.6	4.2	<0.2	136	458	3.6	1060
S00354282	1	5.0	3.4	<0.2	220	446	4.8	789
S00354283	2	4.0	4.4	0.5	213	310	5.9	880
S00354284	1	8.7	2.4	<0.2	686	272	7.6	473
S00354285	1	6.7	4.3	0.4	198	261	4.9	2550
S00354286	<1	<0.1	>25.0	0.4	2.0	11	<0.1	6
S00354287	1	1.2	4.8	0.9	62.4	99	7.4	397
*Dup S00354287	1	1.0	4.7	1.0	58.8	99	7.2	402

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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
S00354288	2	1.0	3.3	0.4	112	101	8.4	1110
S00354289	2	0.6	6.1	4.4	139	95	7.3	902
S00354290	<1	<0.1	>25.0	<0.2	1.8	17	<0.1	12
S00354291	1	1.2	4.4	<0.2	75.4	98	6.9	554
S00354292	1	1.2	4.8	0.2	73.2	101	8.2	449
S00354293	1	0.9	4.8	<0.2	65.2	109	9.5	315
S00354294	<1	0.7	4.7	0.3	52.8	126	8.1	180
S00354295	1	0.5	4.2	<0.2	50.6	354	4.3	147
S00354296	1	0.2	4.3	<0.2	36.9	146	3.2	51
S00354297	1	0.2	2.6	<0.2	44.4	204	4.6	108
S00354298	<1	0.2	0.6	<0.2	27.7	114	1.1	103
S00354299	<1	1.2	1.0	0.3	76.0	234	1.6	1420
S00354300	<1	1.0	3.7	2.1	1000	322	0.8	16300
S00354301	<1	<0.1	0.3	<0.2	4.7	64	0.7	17
S00354302	<1	<0.1	0.2	<0.2	2.6	55	0.1	71
S00354303	<1	0.3	4.3	<0.2	38.0	181	1.1	77
S00354304	<1	0.4	4.8	<0.2	63.8	261	1.9	354
S00354305	<1	0.5	5.5	<0.2	52.3	299	1.8	130
S00354306	<1	1.6	4.8	<0.2	65.5	286	3.3	682
S00354307	<1	0.7	5.4	0.3	59.1	207	2.9	296
S00354308	1	0.2	5.1	<0.2	46.9	158	2.8	135
S00354309	1	0.1	3.5	<0.2	36.8	196	5.8	33
S00354310	<1	0.1	4.5	<0.2	14.3	26	0.8	96
S00354311	<1	0.4	2.1	0.4	97.8	380	6.3	509
S00354312	1	0.4	4.7	<0.2	54.2	123	2.6	119
S00354313	1	0.4	4.7	<0.2	54.8	118	1.5	169
S00354314	1	0.3	4.9	<0.2	49.0	151	3.1	87
S00354315	1	0.2	2.4	0.2	48.3	51	4.9	1180
S00354316	<1	0.3	3.4	0.6	62.0	56	2.7	1960
S00354317	<1	0.4	5.4	<0.2	49.9	125	2.1	262
S00354318	<1	0.3	5.9	<0.2	52.8	136	2.2	307
*Rep S00354260	<1	0.1	4.5	<0.2	14.0	40	0.8	95
*Rep S00354299	<1	1.2	1.0	0.2	78.6	235	1.6	1380
*Std OREAS680	1	1.7	5.8	8.1	322	2260	3.9	9250

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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
*Std OREAS70B	1	0.7	3.5	0.4	80.2	1380	3.3	49
*Std OREAS680	1	1.7	5.7	8.1	316	1980	3.6	9200
*Blk BLANK	<1	<0.1	<0.1	<0.2	<0.5	9	<0.1	<2
*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
S00354249	1.50	3.3	44.1	10	0.34	60	3	9
S00354250	18.4	0.3	7.8	10	3.87	1080	9	45700
S00354251	4.37	1.5	20.5	13	1.11	360	2	23
S00354252	8.41	1.4	26.4	21	2.04	1070	<2	43
S00354253	8.54	1.4	28.0	19	2.10	1070	<2	46
S00354254	7.89	1.2	27.7	20	1.84	820	<2	36
S00354255	5.93	0.8	24.3	14	1.42	750	2	26
S00354256	8.49	1.4	27.9	19	1.95	890	<2	38
S00354257	7.89	1.5	27.7	19	1.98	840	<2	39
S00354258	5.86	1.6	53.7	15	2.59	1970	<2	32
S00354259	7.89	1.1	27.3	21	2.14	820	3	43
S00354260	4.86	1.3	12.3	9	1.56	1010	6	15
S00354261	8.34	0.6	23.0	18	2.22	930	2	44
S00354262	9.24	1.1	24.4	21	2.71	1030	2	78
S00354263	9.36	1.1	21.3	19	2.56	970	3	63
S00354264	8.31	1.5	18.5	20	2.97	890	6	608
S00354265	9.96	1.7	34.3	26	3.15	740	27	2180
S00354266	8.98	1.9	22.4	24	3.07	750	30	1710
S00354267	9.21	1.7	19.0	22	3.00	710	23	2390
S00354268	0.39	<0.1	1.4	<5	2.59	130	<2	16
S00354269	6.81	2.0	25.1	26	3.41	750	8	283
S00354270	11.2	0.2	4.0	30	15.0	1390	<2	4070
S00354271	6.53	1.7	26.3	25	3.28	710	10	548
S00354272	7.10	1.6	21.9	23	3.25	730	7	678
S00354273	8.22	1.9	20.5	22	3.21	820	11	772
S00354274	9.63	1.6	20.3	20	3.01	740	26	1820
S00354275	10.9	1.2	24.4	18	2.62	770	34	3020
S00354276	11.6	1.0	16.2	18	3.05	800	37	3130
S00354277	14.0	0.9	16.4	15	2.84	750	42	5000
S00354278	13.2	1.1	19.6	17	2.47	610	49	4940
S00354279	0.43	<0.1	1.4	<5	2.73	140	<2	23
S00354280	16.2	1.5	16.7	17	2.45	630	68	6570
S00354281	9.20	1.4	21.3	20	2.87	760	19	1670
S00354282	10.5	1.4	19.9	23	2.99	860	23	2380
S00354283	9.74	1.6	26.9	22	2.45	880	17	1910
S00354284	13.9	1.9	24.1	22	2.38	770	30	4530
S00354285	11.5	1.4	17.9	19	2.20	870	21	2740
S00354286	0.43	<0.1	1.4	<5	2.70	140	<2	23
S00354287	9.43	1.6	18.8	25	2.44	1110	<2	329
*Dup S00354287	9.54	1.6	18.9	25	2.47	1100	2	326

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Final : SD180112 Order: SHAKESPEARE / TEST: 70 Samples

Report File No.: 0000033669

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
S00354288	11.0	2.9	21.7	32	2.67	870	3	1050
S00354289	10.5	3.2	20.2	32	2.59	990	2	1830
S00354290	0.48	<0.1	1.4	<5	3.43	150	<2	21
S00354291	10.4	2.1	20.1	26	2.28	1150	2	514
S00354292	10.1	1.9	22.1	26	2.36	1260	3	531
S00354293	9.86	2.2	21.6	26	2.52	1300	2	327
S00354294	9.52	1.9	20.0	26	2.67	1180	<2	184
S00354295	8.44	1.8	21.7	29	2.94	1040	4	130
S00354296	6.48	1.5	20.2	22	2.52	800	<2	34
S00354297	6.99	1.9	16.6	25	3.01	740	<2	83
S00354298	2.81	0.4	7.0	6	1.13	250	3	88
S00354299	6.05	0.5	11.7	12	2.29	440	4	487
S00354300	18.5	0.3	7.8	10	4.20	1080	9	47600
S00354301	1.38	0.4	4.9	<5	0.45	120	3	21
S00354302	0.89	0.2	9.5	<5	0.12	90	3	12
S00354303	7.08	1.1	10.8	20	3.56	900	<2	109
S00354304	8.28	1.0	13.4	17	4.50	1100	<2	162
S00354305	8.16	1.0	14.1	20	4.20	1120	<2	151
S00354306	9.88	1.2	17.3	19	4.12	1230	<2	589
S00354307	9.69	1.3	15.8	19	3.32	1130	<2	212
S00354308	8.46	1.1	16.1	17	3.36	1040	<2	91
S00354309	7.19	2.1	22.6	22	3.03	790	<2	118
S00354310	4.95	1.3	12.6	9	1.57	970	5	14
S00354311	10.7	2.2	34.6	36	4.07	960	<2	374
S00354312	9.72	1.1	14.8	26	4.04	1140	<2	146
S00354313	9.59	0.8	16.1	27	3.95	1160	<2	137
S00354314	9.95	1.2	13.8	23	4.07	1240	<2	125
S00354315	7.46	1.8	36.3	22	2.28	820	<2	76
S00354316	7.39	1.3	43.4	21	2.12	730	<2	128
S00354317	9.20	0.9	18.4	17	3.69	1230	<2	143
S00354318	9.14	1.0	14.8	16	3.84	1320	<2	167
*Rep S00354260	4.92	1.3	12.8	8	1.58	1010	6	16
*Rep S00354299	6.17	0.5	11.6	12	2.36	450	4	511
*Std OREAS680	11.7	1.2	18.7	14	3.50	1270	4	20900

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Final : SD180112 Order: SHAKESPEARE / TEST: 70 Samples

Report File No.: 0000033669

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
*Std OREAS70B	5.85	0.6	16.1	41	14.0	1240	4	2230
*Std OREAS680	12.4	1.4	17.8	13	3.76	1250	4	22500
*Blk BLANK	<0.01	<0.1	<0.1	<5	<0.01	<10	<2	<5
*Blk BLANK	<0.01	<0.1	<0.1	<5	<0.01	<10	<2	<5

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Final : SD180112 Order: SHAKESPEARE / TEST: 70 Samples

Report File No.: 0000033669

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
S00354249	0.06	7	<1.00	<1	36.3	<1	30	<1
S00354250	0.05	16	8.98	3	15.3	3	170	4
S00354251	0.06	14	<1.00	<1	29.5	<1	120	<1
S00354252	0.06	12	<1.00	<1	25.1	1	180	<1
S00354253	0.05	10	<1.00	<1	26.1	1	190	<1
S00354254	0.06	19	<1.00	<1	26.7	<1	150	2
S00354255	0.04	16	<1.00	<1	27.2	4	110	1
S00354256	0.07	17	<1.00	<1	24.7	6	140	2
S00354257	0.06	21	<1.00	<1	23.7	7	120	1
S00354258	0.05	70	<1.00	<1	17.0	9	140	<1
S00354259	0.06	26	<1.00	<1	25.0	<1	170	<1
S00354260	0.06	10	<1.00	<1	26.0	6	510	<1
S00354261	0.07	12	<1.00	<1	24.8	8	210	<1
S00354262	0.06	14	<1.00	<1	23.4	6	140	<1
S00354263	0.06	14	<1.00	<1	24.8	<1	200	<1
S00354264	0.01	8	<1.00	<1	23.7	<1	160	<1
S00354265	0.02	10	1.09	<1	24.1	<1	160	1
S00354266	0.02	10	<1.00	<1	24.0	<1	180	1
S00354267	0.03	9	<1.00	<1	21.8	5	170	2
S00354268	0.01	<2	<1.00	<1	3.1	10	60	<1
S00354269	0.04	9	<1.00	<1	25.4	31	190	<1
S00354270	0.04	7	1.36	4	18.1	9	30	1
S00354271	0.03	16	<1.00	<1	23.4	<1	180	1
S00354272	0.03	15	<1.00	<1	24.6	<1	170	<1
S00354273	0.03	8	<1.00	<1	22.9	7	190	<1
S00354274	0.04	8	1.26	<1	23.0	5	160	1
S00354275	0.04	8	2.54	<1	24.5	<1	160	3
S00354276	0.04	10	2.67	<1	23.8	<1	170	3
S00354277	0.04	9	4.41	<1	22.1	<1	140	4
S00354278	0.04	11	4.22	<1	22.1	<1	150	4
S00354279	0.02	<2	<1.00	<1	4.5	<1	70	<1
S00354280	0.04	8	7.51	<1	21.9	<1	140	4
S00354281	0.05	10	<1.00	<1	24.9	<1	180	1
S00354282	0.05	9	1.22	<1	22.8	<1	120	3
S00354283	0.07	59	1.52	<1	22.6	<1	100	2
S00354284	0.06	7	3.80	<1	21.9	<1	90	5
S00354285	0.05	7	2.57	<1	21.9	<1	100	3
S00354286	0.02	3	<1.00	<1	4.2	<1	70	<1
S00354287	0.05	57	<1.00	<1	25.4	1	220	<1
*Dup S00354287	0.05	60	<1.00	<1	24.9	1	210	<1

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Final : SD180112 Order: SHAKESPEARE / TEST: 70 Samples

Report File No.: 0000033669

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
S00354288	0.06	24	1.36	<1	21.6	<1	120	<1
S00354289	0.06	138	1.61	<1	19.0	7	130	<1
S00354290	0.02	<2	<1.00	<1	4.8	9	70	<1
S00354291	0.06	7	<1.00	<1	23.7	1	160	<1
S00354292	0.05	9	<1.00	<1	23.7	1	210	<1
S00354293	0.05	13	<1.00	<1	25.2	2	240	<1
S00354294	0.05	24	<1.00	<1	23.9	6	220	<1
S00354295	0.03	9	<1.00	<1	22.9	1	220	<1
S00354296	0.04	10	<1.00	<1	27.3	1	220	<1
S00354297	0.03	7	<1.00	<1	26.6	34	110	<1
S00354298	0.01	7	<1.00	<1	37.1	<1	30	<1
S00354299	0.01	51	<1.00	<1	36.1	<1	20	<1
S00354300	0.05	17	8.86	3	16.5	3	170	5
S00354301	0.01	6	<1.00	<1	36.9	5	30	<1
S00354302	<0.01	7	<1.00	<1	>40.0	<1	20	<1
S00354303	0.02	9	<1.00	<1	26.3	<1	160	<1
S00354304	0.02	9	<1.00	<1	24.5	8	150	<1
S00354305	0.03	9	<1.00	<1	24.8	8	180	<1
S00354306	0.04	8	<1.00	<1	26.6	1	160	<1
S00354307	0.04	12	<1.00	<1	25.0	1	180	<1
S00354308	0.04	9	<1.00	<1	24.8	6	180	<1
S00354309	0.02	9	<1.00	<1	26.7	8	160	<1
S00354310	0.06	10	<1.00	<1	28.6	1	450	<1
S00354311	0.02	7	<1.00	<1	27.3	<1	40	<1
S00354312	0.05	37	<1.00	<1	25.7	<1	170	<1
S00354313	0.06	9	<1.00	<1	24.8	8	170	<1
S00354314	0.04	9	<1.00	<1	24.7	1	160	<1
S00354315	0.09	9	<1.00	<1	28.7	<1	170	<1
S00354316	0.05	29	<1.00	<1	28.6	<1	180	<1
S00354317	0.04	10	<1.00	<1	26.1	1	170	<1
S00354318	0.04	8	<1.00	<1	26.5	6	170	<1
*Rep S00354260	0.06	8	<1.00	<1	27.7	7	510	<1
*Rep S00354299	0.01	49	<1.00	<1	36.9	<1	20	<1
*Std OREAS680	0.13	2590	4.20	19	19.9	2	460	<1

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Final : SD180112 Order: SHAKESPEARE / TEST: 70 Samples

Report File No.: 0000033669

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
*Std OREAS70B	0.04	13	<1.00	<1	22.4	6	70	<1
*Std OREAS680	0.14	2690	4.63	19	20.7	2	400	<1
*Blk BLANK	0.01	2	<1.00	<1	0.2	<1	<10	<1
*Blk BLANK	<0.01	<2	<1.00	<1	<0.1	<1	<10	<1

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Final : SD180112 Order: SHAKESPEARE / TEST: 70 Samples

Report File No.: 0000033669

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
S00354249	0.13	23	<5	11.0	1.1	19
S00354250	0.54	81	<5	9.0	0.9	168
S00354251	0.34	92	<5	14.5	1.7	44
S00354252	0.81	198	<5	23.8	2.5	89
S00354253	0.78	204	<5	26.1	2.6	83
S00354254	0.71	177	<5	23.7	2.6	76
S00354255	0.45	127	<5	17.3	1.8	84
S00354256	0.84	212	<5	22.4	2.5	116
S00354257	0.79	184	<5	20.9	2.4	164
S00354258	0.51	153	<5	42.3	2.9	308
S00354259	0.81	196	<5	23.8	2.3	180
S00354260	0.30	138	<5	20.2	2.4	64
S00354261	0.88	202	<5	20.0	2.1	80
S00354262	0.93	266	<5	22.3	2.3	96
S00354263	0.96	248	<5	18.1	2.2	101
S00354264	0.56	288	<5	19.9	2.4	77
S00354265	0.38	286	<5	11.2	1.3	78
S00354266	0.45	287	<5	12.8	1.4	77
S00354267	0.40	267	<5	13.4	1.5	72
S00354268	<0.01	<5	<5	2.8	0.1	8
S00354269	0.46	299	<5	14.7	1.6	76
S00354270	0.34	137	<5	8.7	0.8	115
S00354271	0.35	307	<5	15.1	1.7	88
S00354272	0.42	303	<5	15.1	1.7	93
S00354273	0.58	329	<5	14.0	1.7	75
S00354274	0.53	291	<5	14.8	1.6	71
S00354275	0.55	268	<5	16.7	1.8	68
S00354276	0.50	288	<5	13.9	1.5	75
S00354277	0.50	253	<5	15.2	1.6	70
S00354278	0.45	269	<5	15.1	1.7	55
S00354279	<0.01	<5	<5	3.0	0.1	9
S00354280	0.53	275	<5	15.0	1.7	53
S00354281	0.40	303	<5	18.0	2.0	71
S00354282	0.44	295	<5	18.1	2.1	77
S00354283	0.58	259	<5	21.9	2.5	160
S00354284	0.67	263	<5	19.3	2.2	74
S00354285	0.57	253	<5	16.4	2.0	88
S00354286	<0.01	<5	<5	2.8	0.2	<5
S00354287	0.85	258	<5	19.4	2.1	219
*Dup S00354287	0.85	251	<5	19.6	2.1	209

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Final : SD180112 Order: SHAKESPEARE / TEST: 70 Samples

Report File No.: 0000033669

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
S00354288	0.88	265	<5	15.5	1.8	144
S00354289	0.85	253	<5	17.4	2.0	1230
S00354290	0.01	<5	<5	3.0	0.1	7
S00354291	0.84	272	<5	20.6	2.3	110
S00354292	0.78	225	<5	21.6	2.3	112
S00354293	0.83	227	<5	21.9	2.4	114
S00354294	0.84	256	<5	20.1	2.2	145
S00354295	0.69	336	<5	11.3	1.4	94
S00354296	0.37	216	<5	15.1	1.6	66
S00354297	0.29	242	<5	13.8	1.6	70
S00354298	0.09	86	<5	4.5	0.6	26
S00354299	0.10	136	<5	5.5	0.6	68
S00354300	0.55	82	<5	9.0	1.0	154
S00354301	0.05	22	<5	2.3	0.3	15
S00354302	0.03	9	<5	2.8	0.3	8
S00354303	0.30	218	<5	8.7	1.1	76
S00354304	0.39	285	<5	12.6	1.4	93
S00354305	0.44	290	<5	13.8	1.4	95
S00354306	0.55	299	<5	18.0	2.0	100
S00354307	0.64	284	<5	17.6	2.2	96
S00354308	0.48	227	<5	16.4	1.9	98
S00354309	0.52	204	<5	9.4	1.1	81
S00354310	0.30	132	<5	19.7	2.4	64
S00354311	0.50	260	<5	11.5	1.4	172
S00354312	0.48	229	<5	15.5	1.6	103
S00354313	0.47	219	<5	14.6	1.6	99
S00354314	0.52	253	<5	16.5	2.0	104
S00354315	0.90	226	<5	21.7	2.3	86
S00354316	0.68	193	<5	24.6	2.4	96
S00354317	0.56	257	<5	18.2	2.0	91
S00354318	0.66	258	<5	18.0	2.0	97
*Rep S00354260	0.30	141	<5	20.8	2.5	66
*Rep S00354299	0.10	142	<5	5.7	0.6	73
*Std OREAS680	0.52	228	<5	15.8	1.6	2410

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Final : SD180112 Order: SHAKESPEARE / TEST: 70 Samples

Report File No.: 0000033669

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
*Std OREAS70B	0.19	71	6	10.3	1.1	122
*Std OREAS680	0.51	228	<5	15.3	1.6	2430
*Blk BLANK	<0.01	<5	<5	<0.5	<0.1	7
*Blk BLANK	<0.01	10	<5	<0.5	<0.1	<5

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