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To: CASCADIA MINERALS LTD.
 1500-409 GRANVILLE ST.
 VANCOUVER BC V6C 1T2

Page: 1
 Total # Pages: 5 (A - D)
 Plus Appendix Pages
 Finalized Date: 17-AUG-2023
 Account: CASMINE

CERTIFICATE LL23203682

Project: Rosy
 P.O. No.: RO23-R01
 This report is for 140 samples of Rock submitted to our lab in Langley, BC, Canada on 24-JUL-2023.
 The following have access to data associated with this certificate:

ANDREW CARNE AUSTIN SCHNEEBELI	ADAM COULTER	JOHN KELLEY
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SND-ALS	Send samples to internal laboratory
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
Aq-OG62	Ore Grade Ag - Four Acid	
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 
 Saa Traxler, Director, North Vancouver Operations



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CERTIFICATE OF ANALYSIS LL23203682

Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
F312201		1.52	<0.005	0.09	6.94	9.9	920	3.27	0.67	0.40	0.06	51.1	0.5	8	7.47	3.8
F312202		1.40	2.17	4.34	6.63	>10000	1100	0.82	0.27	0.11	0.07	20.2	2.8	39	24.7	16.8
F312203		1.06	2.35	3.26	6.87	7990	1020	0.77	0.41	0.14	0.04	18.45	4.2	37	19.40	25.3
F312204		1.29	0.962	3.67	6.96	5490	1880	0.85	0.14	0.17	0.06	20.1	3.7	37	22.7	15.1
F312205		1.67	0.298	1.05	2.45	1355	200	0.78	0.17	10.50	0.03	7.96	4.5	17	10.15	4.0
F312206		0.49	4.52	19.00	1.81	>10000	400	0.54	0.50	1.50	0.07	11.30	6.8	18	7.19	10.1
F312207		1.10	0.054	0.52	1.54	167.0	90	0.53	0.15	8.01	0.06	12.75	4.9	16	4.52	2.7
F312208		1.32	0.835	3.69	4.61	2200	750	0.55	0.14	4.41	0.05	15.45	5.7	29	9.76	4.8
F312209		0.74	0.030	0.18	0.35	76.1	60	0.07	0.78	0.23	<0.02	1.32	0.5	17	0.54	6.1
F312210		0.97	<0.005	0.04	7.96	11.8	1580	1.11	0.14	2.57	0.05	16.85	10.0	43	12.65	6.2
F312211		1.19	0.005	0.04	7.87	11.6	1830	1.00	0.13	3.82	0.07	19.70	10.6	42	31.8	3.7
F312212		1.05	<0.005	0.05	8.31	20.9	1750	1.47	0.10	3.44	0.15	76.1	22.4	121	7.25	28.5
F312213		0.71	<0.005	0.04	7.14	5.3	1310	1.03	0.10	2.41	0.07	12.30	13.7	40	11.60	6.9
F312214		1.47	0.018	0.21	2.10	36.4	560	0.55	0.06	20.8	0.07	9.73	5.8	12	5.61	4.0
F312215		1.32	<0.005	0.03	7.08	5.8	1050	0.86	0.09	4.16	0.07	18.30	12.7	36	5.57	8.1
F312216		1.61	0.013	0.43	0.20	32.8	40	0.61	0.02	24.6	0.08	1.82	1.3	2	0.76	2.2
F312217		1.12	4.57	3.34	2.24	7680	960	0.64	0.06	16.25	0.08	8.95	5.7	11	6.02	18.9
F312218		1.37	0.024	0.26	1.07	105.5	200	0.69	0.04	17.95	0.04	5.83	5.2	7	6.48	3.7
F312219		0.95	1.250	1.41	6.67	5650	980	0.74	0.14	0.45	0.05	19.65	4.0	36	15.25	9.1
F312220		0.94	0.005	0.04	1.05	13.6	4440	0.21	0.15	1.44	0.02	2.62	0.8	23	0.85	4.6
F312221		1.41	0.380	1.96	6.31	2090	1060	0.78	0.08	0.43	0.12	16.60	5.4	38	14.90	7.9
F312222		1.14	0.259	8.17	7.95	1125	1820	0.95	0.10	1.52	0.09	21.9	11.1	47	12.70	67.2
F312223		1.86	2.37	21.1	1.78	3510	550	0.53	0.08	8.73	0.24	9.20	2.7	15	7.33	32.7
F312224		1.12	0.028	0.28	3.15	226	2800	0.77	0.04	13.75	0.09	14.10	7.2	13	12.00	9.8
F312225		1.72	0.134	0.48	2.47	804	180	0.54	0.05	18.60	0.07	7.90	5.8	12	10.25	6.3
F312226		1.01	0.480	3.80	1.98	1720	840	0.52	0.03	12.45	0.23	10.60	4.9	11	9.03	14.0
F312227		0.65	<0.005	0.06	5.44	28.2	730	3.30	0.57	1.49	0.13	36.2	0.2	3	35.8	1.7
F312228		1.67	0.010	0.04	0.10	117.0	110	0.26	0.03	31.7	0.28	20.8	2.7	1	0.39	2.7
F312301		1.73	0.005	0.11	7.61	43.9	710	1.46	0.04	0.93	0.19	34.8	10.4	41	24.1	14.4
F312302		1.51	0.049	0.22	1.61	222	210	1.53	0.05	13.95	0.16	11.25	4.3	11	5.43	5.6
F312303		1.78	0.088	0.37	1.19	656	190	0.61	0.02	16.20	0.03	6.52	3.2	7	6.10	8.0
F312304		2.22	0.804	2.08	7.24	5810	860	0.86	0.06	0.17	0.05	21.6	4.2	39	25.5	18.2
F312305		1.88	2.18	3.74	7.72	8270	1030	0.88	0.05	0.17	0.08	24.0	6.0	41	22.0	23.7
F312306		1.76	1.020	2.89	2.73	5820	440	0.77	0.04	4.83	0.14	10.55	5.7	21	15.85	16.4
F312307		1.55	0.112	1.27	2.76	1455	260	0.85	0.03	14.90	0.09	10.25	4.5	14	10.80	6.0
F312308		1.64	2.20	1.69	3.42	931	690	0.61	0.04	10.45	0.17	27.0	11.9	15	9.15	2.6
F312309		1.74	5.66	3.50	1.95	760	310	0.57	0.02	13.90	0.10	10.80	6.1	8	5.52	3.2
F312310		1.92	0.512	0.10	3.44	76.1	400	0.78	0.02	17.70	0.05	16.15	6.2	12	4.70	2.6
F312311		2.16	1.425	0.30	2.89	39.1	140	0.66	0.04	13.45	0.06	12.45	7.6	13	6.59	2.5
F312312		1.44	0.031	0.13	5.06	42.0	190	0.75	0.03	6.71	0.04	17.15	8.8	24	11.45	3.9



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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm
F312201		0.92	14.00	0.06	4.0	0.035	4.06	24.4	42.4	0.09	170	0.94	2.44	25.4	0.8	140
F312202		3.13	15.85	0.06	0.5	0.031	2.83	10.4	86.2	0.32	86	0.44	0.05	4.0	4.0	650
F312203		2.49	15.60	<0.05	0.5	0.037	3.35	9.1	66.7	0.30	72	0.22	0.06	4.0	6.1	660
F312204		2.82	16.45	0.07	0.6	0.032	2.92	10.2	60.6	0.29	81	0.73	0.39	4.0	6.1	680
F312205		2.95	5.68	<0.05	0.2	0.010	0.50	4.4	62.5	3.41	1030	0.59	0.02	1.3	6.5	210
F312206		4.74	3.93	0.06	0.1	0.014	0.35	6.9	109.0	0.54	369	5.26	0.03	0.7	7.3	70
F312207		2.26	3.74	<0.05	0.1	0.007	0.30	7.9	84.2	2.06	1785	0.35	0.01	0.6	5.1	120
F312208		2.54	10.10	0.05	0.4	0.024	2.14	8.1	60.4	1.56	780	1.30	0.05	3.0	7.4	470
F312209		0.64	0.91	<0.05	0.1	0.006	0.20	0.7	8.4	0.04	148	0.16	0.05	0.3	1.5	40
F312210		3.19	17.50	0.05	0.7	0.039	2.74	7.5	33.9	0.52	638	0.10	3.52	5.0	13.0	860
F312211		3.39	17.00	0.05	0.7	0.037	2.24	9.0	23.7	0.79	779	0.11	3.79	4.8	14.0	920
F312212		4.96	16.50	0.10	3.9	0.057	2.29	38.3	61.7	3.21	1020	1.43	3.19	27.6	58.3	2340
F312213		3.72	19.10	0.09	1.1	0.033	3.47	5.8	34.1	0.10	845	0.07	2.46	4.9	14.4	860
F312214		2.57	4.63	0.07	0.2	0.010	0.59	4.9	30.0	2.60	1225	0.08	0.54	1.2	5.0	240
F312215		3.31	16.45	0.10	0.6	0.033	2.31	8.4	32.9	1.22	761	0.08	2.45	5.4	13.7	850
F312216		4.46	0.59	0.07	<0.1	<0.005	0.05	1.3	12.3	6.36	2140	0.20	0.01	0.1	0.9	30
F312217		3.47	4.99	0.07	0.2	0.019	0.75	4.4	53.1	5.75	1695	0.34	0.13	1.4	5.4	270
F312218		3.85	2.90	0.06	0.1	0.005	0.34	3.1	24.7	5.44	1440	0.10	0.02	0.7	8.4	130
F312219		2.56	15.05	0.08	0.5	0.025	2.24	10.3	29.2	0.28	115	0.26	2.48	3.9	4.6	660
F312220		0.65	3.29	<0.05	0.1	<0.005	0.11	1.9	11.7	0.12	236	0.12	0.59	0.4	1.3	40
F312221		2.56	13.90	0.08	0.5	0.028	2.44	8.7	36.8	0.42	128	0.37	1.49	3.5	7.3	640
F312222		3.59	19.15	0.10	0.7	0.040	2.59	10.9	22.3	0.94	502	0.13	2.76	5.4	12.5	960
F312223		1.95	4.75	0.06	0.1	0.021	0.75	4.8	75.0	1.11	691	0.88	0.02	1.0	2.7	140
F312224		3.31	7.14	0.05	0.2	0.016	1.40	7.7	48.3	4.33	1305	0.25	0.01	2.5	7.3	250
F312225		3.03	6.41	0.05	0.2	0.016	1.09	3.9	41.4	3.65	1395	0.53	0.01	1.4	5.3	330
F312226		4.56	5.56	0.07	0.2	0.018	0.83	5.3	39.5	4.30	3130	0.93	0.02	1.3	6.2	240
F312227		0.75	14.35	0.11	3.9	0.029	2.81	16.8	9.2	0.05	451	1.91	1.68	24.8	<0.2	20
F312228		1.62	0.30	0.06	<0.1	0.008	0.04	12.8	1.5	2.49	2300	0.33	0.02	0.1	1.7	20
F312301		3.27	18.35	0.10	0.6	0.034	2.93	18.2	236	0.44	768	0.22	0.61	4.6	15.3	890
F312302		4.05	4.53	0.06	0.1	0.010	0.68	9.2	61.2	1.56	1610	0.59	0.02	0.9	5.0	170
F312303		3.82	3.27	0.05	0.1	0.008	0.51	3.5	35.4	5.01	1490	0.33	0.01	0.6	3.1	130
F312304		3.01	18.00	0.09	0.6	0.035	2.90	11.2	108.0	0.30	68	0.12	0.03	4.4	5.2	700
F312305		3.68	18.10	0.10	0.7	0.041	3.20	12.3	95.3	0.30	96	0.46	0.09	4.8	6.8	880
F312306		3.00	8.58	0.07	0.2	0.022	1.21	5.9	66.1	1.72	1990	3.51	0.02	1.4	6.8	260
F312307		3.92	6.55	0.05	0.2	0.013	0.97	5.8	55.4	4.22	1100	0.36	0.02	1.5	6.6	300
F312308		4.62	7.87	0.08	0.3	0.011	0.85	15.3	39.5	2.53	2550	0.18	1.05	1.5	7.6	250
F312309		2.99	4.91	0.05	0.2	0.011	0.53	6.1	43.3	3.10	1600	2.42	0.35	0.7	4.0	100
F312310		4.35	6.64	0.06	0.2	0.014	0.74	9.0	108.5	2.77	1515	0.05	0.22	1.8	4.4	320
F312311		3.70	6.41	0.05	0.2	0.012	0.46	7.3	56.5	4.06	1315	0.10	0.16	1.5	8.4	260
F312312		2.62	11.05	0.07	0.4	0.021	0.72	9.0	103.0	1.11	778	0.09	0.03	3.2	9.7	520



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		Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm
F312201		22.7	178.0	<0.002	0.01	1.02	2.0	<1	2.2	241	2.02	<0.05	22.0	0.075	1.38	7.8
F312202		7.0	117.5	<0.002	1.25	250	9.2	3	0.7	51.1	0.30	<0.05	2.83	0.255	1.98	1.3
F312203		7.2	125.0	<0.002	1.35	169.5	9.3	3	0.7	54.2	0.32	<0.05	2.45	0.246	1.74	1.2
F312204		9.4	112.5	<0.002	0.45	150.5	9.3	1	0.7	68.7	0.33	<0.05	2.98	0.255	1.60	1.7
F312205		4.9	23.0	<0.002	0.29	80.3	3.1	<1	0.2	309	0.09	<0.05	0.86	0.075	0.48	1.0
F312206		9.1	14.5	<0.002	3.63	415	1.6	<1	<0.2	71.2	0.05	<0.05	0.44	0.040	1.20	0.6
F312207		3.0	14.5	<0.002	0.04	33.0	2.1	<1	<0.2	179.0	<0.05	<0.05	0.58	0.036	0.16	1.2
F312208		6.9	62.3	<0.002	1.00	85.3	6.2	<1	0.5	166.5	0.21	<0.05	2.20	0.177	0.86	2.1
F312209		1.1	4.6	<0.002	0.02	2.42	0.6	<1	<0.2	11.8	<0.05	<0.05	0.20	0.017	0.05	0.1
F312210		7.9	67.7	<0.002	0.01	1.33	10.2	2	0.8	265	0.35	<0.05	2.78	0.304	0.52	1.0
F312211		7.4	55.4	<0.002	0.06	3.22	10.8	1	0.7	489	0.34	<0.05	2.56	0.304	0.44	0.9
F312212		8.3	51.8	<0.002	0.05	0.52	18.4	<1	1.0	693	1.39	<0.05	6.89	0.572	0.63	2.3
F312213		9.0	68.9	<0.002	0.01	1.87	9.8	2	0.8	237	0.36	<0.05	2.51	0.294	0.53	1.3
F312214		4.5	21.4	<0.002	0.07	13.15	3.5	1	0.2	439	0.09	<0.05	0.91	0.078	0.18	1.1
F312215		5.2	52.9	<0.002	0.01	3.01	10.4	3	0.8	226	0.43	<0.05	2.39	0.310	0.61	1.1
F312216		2.4	2.4	<0.002	<0.01	1.69	0.4	2	<0.2	567	<0.05	<0.05	0.05	0.005	0.03	0.6
F312217		6.8	29.8	<0.002	0.67	174.0	3.5	5	0.3	569	0.11	0.11	0.78	0.086	0.48	0.6
F312218		4.2	13.9	<0.002	0.09	11.40	1.9	1	<0.2	588	0.05	<0.05	0.35	0.042	0.25	0.8
F312219		7.4	75.0	<0.002	1.38	208	10.2	2	0.7	116.0	0.26	0.13	2.51	0.254	1.57	1.0
F312220		1.5	3.9	<0.002	0.17	0.63	0.8	1	<0.2	146.0	<0.05	<0.05	0.23	0.021	0.06	0.2
F312221		9.0	91.6	<0.002	1.27	71.8	9.3	2	0.7	81.2	0.25	0.06	2.39	0.230	1.58	1.0
F312222		7.0	91.9	<0.002	0.62	85.7	12.8	3	0.9	243	0.38	<0.05	3.05	0.354	1.34	1.5
F312223		12.7	28.3	<0.002	0.86	108.5	2.7	2	0.2	165.5	0.07	0.13	0.64	0.065	0.41	0.8
F312224		4.7	61.6	<0.002	0.51	12.10	5.1	1	0.3	386	0.20	<0.05	2.16	0.101	0.83	1.6
F312225		3.1	51.7	<0.002	0.92	20.1	4.2	1	0.3	364	0.10	0.08	0.96	0.101	0.82	0.4
F312226		26.8	34.3	<0.002	1.79	50.5	4.2	2	0.3	358	0.09	0.24	0.93	0.091	0.58	1.2
F312227		23.0	98.5	<0.002	0.01	0.55	1.7	1	2.5	582	2.16	<0.05	18.45	0.034	0.69	7.7
F312228		4.2	1.7	<0.002	<0.01	5.59	0.9	1	<0.2	413	<0.05	<0.05	0.09	<0.005	0.03	0.8
F312301		6.3	122.0	<0.002	0.03	8.79	12.4	2	0.8	55.9	0.33	<0.05	3.87	0.303	1.23	6.7
F312302		5.4	31.5	<0.002	0.22	21.4	3.2	1	0.2	228	0.07	0.08	0.64	0.050	0.35	5.4
F312303		2.8	22.2	<0.002	0.26	26.6	2.3	2	0.2	466	0.05	0.06	0.41	0.040	0.29	0.6
F312304		6.7	122.5	<0.002	1.19	194.5	11.2	2	0.8	36.4	0.34	<0.05	2.94	0.296	1.84	1.0
F312305		8.8	126.0	<0.002	1.21	173.5	11.9	4	0.9	46.9	0.39	<0.05	3.87	0.302	1.74	1.3
F312306		7.6	51.0	<0.002	1.43	179.0	4.3	2	0.4	174.5	0.10	0.10	1.04	0.101	0.95	1.6
F312307		4.2	41.7	<0.002	0.10	53.8	4.2	2	0.3	288	0.12	<0.05	1.13	0.101	0.59	1.3
F312308		6.8	31.0	<0.002	0.96	52.5	5.9	1	0.2	320	0.13	<0.05	3.59	0.101	0.96	3.7
F312309		5.6	23.2	<0.002	0.24	37.9	2.2	2	0.2	507	0.05	<0.05	0.88	0.051	0.37	1.7
F312310		5.1	26.3	<0.002	0.10	4.83	4.4	1	0.3	410	0.13	<0.05	1.43	0.102	0.37	0.7
F312311		6.2	19.8	<0.002	0.13	9.47	4.0	1	0.3	408	0.11	<0.05	1.19	0.091	0.24	1.1
F312312		6.7	32.3	<0.002	0.18	11.30	6.7	1	0.5	128.5	0.23	<0.05	2.42	0.185	0.39	1.4



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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
		V	W	Y	Zn	Zr	Ag
		ppm	ppm	ppm	ppm	ppm	ppm
		1	0.1	0.1	2	0.5	1
F312201		5	1.5	18.2	44	116.0	
F312202		98	0.6	5.1	22	8.0	
F312203		89	0.5	5.2	14	8.2	
F312204		101	1.1	6.5	39	9.4	
F312205		36	0.4	8.7	36	3.1	
F312206		44	0.2	8.0	75	1.3	
F312207		25	0.2	15.2	29	3.0	
F312208		77	0.9	10.5	37	7.8	
F312209		6	0.1	1.2	5	1.5	
F312210		115	0.5	12.1	53	10.6	
F312211		115	0.4	15.0	55	11.0	
F312212		144	0.6	22.2	87	183.0	
F312213		113	1.0	11.5	68	24.1	
F312214		34	0.1	10.2	44	3.6	
F312215		103	1.1	11.9	71	9.0	
F312216		7	0.1	4.5	25	<0.5	
F312217		45	0.2	7.7	42	3.1	
F312218		22	0.2	9.4	48	1.7	
F312219		92	2.8	8.0	26	8.4	
F312220		10	<0.1	2.0	4	1.2	
F312221		91	2.0	6.7	39	8.3	
F312222		121	1.4	13.7	62	11.3	
F312223		38	0.2	4.9	41	2.4	
F312224		43	0.5	9.5	54	3.9	
F312225		38	0.3	7.0	32	3.1	
F312226		50	0.3	12.2	75	4.0	
F312227		1	2.0	17.4	38	92.8	
F312228		3	<0.1	32.7	26	<0.5	
F312301		120	1.4	26.3	62	10.3	
F312302		42	0.3	19.9	53	2.2	
F312303		25	0.3	9.2	33	2.3	
F312304		105	0.9	6.5	33	9.7	
F312305		111	0.7	6.5	32	9.9	
F312306		98	0.2	10.2	34	4.4	
F312307		47	0.4	9.3	76	3.7	
F312308		50	0.3	28.9	59	6.4	
F312309		25	0.1	10.8	60	3.1	
F312310		46	0.2	15.0	37	3.3	
F312311		43	0.2	13.2	60	3.6	
F312312		60	0.4	11.7	46	7.0	



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Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
F312313		1.83	<0.005	0.07	4.75	20.3	260	0.93	0.03	8.43	0.05	16.75	13.7	23	9.67	6.4
F312314		1.67	0.029	0.09	0.57	44.9	60	0.83	0.01	21.5	0.10	6.00	11.4	4	1.39	1.8
F312315		1.29	0.177	0.32	1.77	21.5	270	0.62	0.01	21.2	0.06	11.95	8.8	8	5.16	4.0
F312316		2.21	1.805	0.78	0.33	708	90	0.60	0.02	19.15	0.11	4.64	3.3	4	2.47	5.8
F312317		1.68	0.006	0.04	6.52	7.1	820	1.37	0.04	1.07	0.03	11.75	1.6	14	4.67	15.8
F312318		1.79	1.105	2.00	2.52	121.0	510	0.69	0.02	16.30	0.19	15.80	7.1	11	11.40	13.2
F312319		1.63	0.505	0.10	0.09	614	150	0.44	0.01	23.0	0.05	2.00	2.2	1	0.61	3.1
F312320		1.75	0.349	1.14	3.12	2490	1040	0.68	0.02	15.60	0.11	10.65	8.5	14	15.75	10.8
F312321		1.48	1.650	1.16	3.85	4860	660	0.72	0.02	14.30	0.11	14.65	8.5	17	14.00	14.7
F312322		1.39	0.006	0.66	5.47	173.0	910	0.82	0.02	9.83	0.16	18.45	9.5	21	16.10	19.8
F312323		1.89	0.100	0.92	5.19	1245	870	0.76	0.04	11.75	0.10	18.00	9.0	22	22.9	9.6
F312324		1.21	1.010	0.64	0.42	641	80	0.45	0.01	20.9	0.20	4.99	10.3	2	2.95	12.3
F312325		0.96	0.067	0.10	2.84	25.3	1140	0.61	0.02	14.90	0.18	19.70	10.3	12	10.70	8.0
F312326		1.62	0.238	1.33	2.49	832	210	0.68	0.02	14.15	0.13	8.63	6.2	11	11.25	7.8
F312327		1.04	0.685	2.18	1.88	1485	180	0.45	0.04	6.83	0.34	8.28	5.0	10	2.49	17.0
F312328		1.79	<0.005	0.05	4.81	47.7	340	0.51	0.03	9.29	0.10	10.50	9.2	21	2.03	36.6
F312329		1.66	<0.005	0.04	1.21	9.9	2590	0.26	0.12	1.58	0.09	9.27	2.1	18	0.35	4.4
F312330		1.21	1.150	27.8	1.33	1170	380	0.49	0.05	3.75	0.10	3.33	17.7	431	4.36	22.1
F312331		1.53	0.888	8.11	2.54	954	760	0.68	0.06	3.43	0.14	6.93	4.2	21	8.51	32.0
F312332		0.49	4.91	3.27	1.55	>10000	180	0.39	0.16	0.09	0.21	14.00	8.5	18	3.70	94.2
F312333		0.90	0.824	11.45	3.52	1745	510	0.93	0.06	0.24	0.12	9.25	5.3	25	13.85	18.8
F312334		1.35	<0.005	0.09	3.71	11.0	6500	0.23	0.05	0.71	0.02	4.86	0.4	13	0.47	5.3
F312335		0.96	3.75	5.33	2.66	4390	570	0.52	0.10	3.89	0.17	10.00	4.0	21	5.66	12.9
F312336		1.66	0.301	3.02	3.00	1040	740	0.78	0.07	5.18	0.13	24.9	6.9	48	8.46	23.3
F312337		0.67	0.007	0.07	3.96	47.6	360	0.52	0.02	5.67	0.08	9.02	5.7	10	3.54	7.3
F312338		1.53	2.51	17.45	3.49	3420	650	0.73	0.08	0.07	0.07	8.44	3.7	33	14.90	11.0
F312339		1.77	0.495	3.11	3.36	1335	280	0.54	0.06	0.07	0.06	7.63	2.1	26	10.30	4.1
F312340		1.73	0.591	4.60	2.95	3680	450	0.74	0.04	1.75	0.44	8.02	6.4	29	14.00	18.3
F312341		1.56	1.045	1.61	7.62	4480	390	0.89	0.06	0.47	0.09	21.8	8.0	44	21.6	8.5
F312342		2.10	0.363	1.73	7.89	2870	980	0.84	0.04	0.27	0.05	25.3	6.9	43	14.05	10.7
F312343		1.67	0.528	1.46	6.77	2710	1210	0.81	0.04	1.80	0.10	21.2	7.1	39	12.35	7.1
F312344		1.10	0.710	1.83	7.96	4680	880	0.91	0.05	1.02	0.10	21.2	7.4	47	15.00	11.2
F312345		1.58	1.505	>100	4.00	2600	1020	0.80	0.03	3.94	0.25	15.45	9.1	26	11.45	24.6
F312346		1.38	4.16	29.5	5.31	>10000	740	0.71	0.03	1.58	0.27	22.0	2.8	34	16.30	44.4
F312347		0.79	3.89	1.27	0.73	6210	360	0.20	0.12	0.57	0.08	10.45	3.7	10	2.42	6.0
F312348		1.66	0.069	0.39	2.67	457	1890	0.86	0.01	10.60	0.11	10.45	5.8	16	11.15	2.5
F312349		1.46	0.131	3.44	1.88	1110	140	0.62	0.01	14.20	0.13	8.27	4.7	14	6.70	31.6
F312350		1.32	0.031	0.26	1.32	305	100	0.67	0.06	15.45	0.04	5.04	3.2	7	6.54	6.6
F312151		2.83	0.007	0.11	6.40	118.5	820	1.00	0.02	7.78	0.09	18.75	9.9	30	17.40	8.9
F312152		2.52	0.945	2.87	1.09	5950	150	0.79	0.01	10.20	0.07	6.46	3.7	21	6.41	9.2



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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm
F312313		3.18	10.40	0.05	0.4	0.020	0.81	9.5	57.5	2.21	1035	0.06	0.02	3.2	12.5	550
F312314		5.20	1.43	0.05	<0.1	<0.005	0.12	3.5	9.3	6.73	1825	0.21	0.01	0.3	11.5	60
F312315		5.40	3.46	0.06	0.1	0.010	0.36	6.9	20.3	5.26	1775	0.26	0.02	1.0	7.8	180
F312316		3.43	1.25	<0.05	<0.1	0.011	0.11	3.1	14.5	6.26	1560	3.52	0.01	0.2	3.7	20
F312317		0.92	20.3	0.07	2.3	0.005	3.36	6.8	4.3	0.18	196	0.09	3.11	5.3	1.6	80
F312318		4.20	6.71	0.06	0.2	0.018	1.00	9.2	20.5	4.46	2010	3.84	0.47	1.7	5.0	210
F312319		3.19	0.41	<0.05	<0.1	0.006	0.02	1.3	2.1	7.29	1110	0.45	0.01	<0.1	1.4	20
F312320		4.12	6.62	0.06	0.3	0.016	1.42	5.8	11.0	5.00	1475	0.84	0.10	1.9	8.6	320
F312321		4.04	7.33	0.07	0.4	0.027	1.49	7.5	24.1	4.19	1555	0.21	0.87	2.3	7.4	380
F312322		4.06	10.05	0.07	0.5	0.017	2.17	9.7	21.4	2.57	1355	0.23	1.61	3.1	6.7	530
F312323		3.54	10.60	0.06	0.5	0.021	2.21	9.6	13.8	1.72	995	0.57	1.25	3.0	8.0	520
F312324		4.82	1.08	0.05	<0.1	<0.005	0.14	3.1	14.6	6.32	1845	0.43	0.02	0.2	8.7	30
F312325		4.18	5.72	0.07	0.3	0.008	1.08	11.3	19.2	4.16	1765	0.08	0.74	1.7	6.2	270
F312326		4.39	5.06	0.06	0.2	0.011	0.99	4.9	32.7	3.85	1645	1.66	0.04	0.9	4.1	260
F312327		2.57	3.01	0.05	0.3	0.016	0.25	6.0	269	1.99	963	0.60	0.01	1.0	6.2	510
F312328		3.96	8.20	<0.05	0.4	0.026	0.92	4.8	53.1	2.98	1025	0.27	0.01	1.5	7.9	820
F312329		0.82	2.62	<0.05	0.3	0.012	0.35	5.9	38.7	1.09	349	0.18	0.15	0.9	3.5	320
F312330		2.11	3.72	<0.05	0.1	0.009	0.53	2.0	87.5	2.06	650	1.76	0.02	0.6	361	70
F312331		3.08	5.84	0.05	0.2	0.015	0.90	3.9	60.5	0.64	1225	0.43	0.19	1.2	6.5	260
F312332		3.94	4.04	0.07	0.1	0.074	0.65	7.3	83.2	0.12	107	0.58	0.02	0.9	5.6	130
F312333		2.40	7.65	0.05	0.3	0.014	1.37	5.3	111.0	0.23	456	6.37	0.03	2.2	5.8	250
F312334		0.40	11.05	<0.05	0.1	<0.005	0.05	3.1	4.0	0.03	115	0.11	3.01	1.2	<0.2	10
F312335		2.24	6.36	0.05	0.3	0.029	0.70	6.5	74.8	0.39	402	1.30	0.24	2.0	4.4	260
F312336		2.68	6.31	0.07	1.2	0.019	0.99	11.9	85.1	1.22	1340	0.38	0.02	4.0	13.0	710
F312337		2.88	7.22	<0.05	0.2	0.015	0.57	4.5	89.0	0.66	1055	0.17	0.01	2.1	2.2	510
F312338		1.97	9.40	0.05	0.3	0.019	1.53	3.9	63.5	0.22	82	0.85	0.03	2.1	3.7	160
F312339		2.01	8.53	0.05	0.3	0.012	1.56	3.9	46.6	0.22	60	2.40	0.02	1.9	2.4	220
F312340		2.15	7.02	0.06	0.2	0.026	1.32	4.4	91.8	0.38	276	0.36	0.02	1.6	6.8	270
F312341		3.41	15.15	0.09	0.7	0.036	2.80	9.4	14.7	0.23	141	0.19	2.70	5.5	10.0	820
F312342		3.52	16.50	0.10	0.6	0.033	2.59	13.1	21.7	0.37	135	0.15	2.58	4.9	7.7	860
F312343		3.24	13.65	0.09	0.5	0.032	2.20	10.5	31.5	0.68	433	0.18	2.20	4.3	8.3	730
F312344		3.49	16.00	0.10	0.6	0.045	2.58	10.2	21.7	0.45	246	0.30	2.76	4.8	7.8	850
F312345		2.93	8.87	0.09	0.3	0.026	1.47	7.8	77.7	0.98	642	0.40	0.02	2.2	8.5	440
F312346		3.60	11.05	0.09	0.5	0.054	1.96	11.3	106.5	0.61	195	0.96	0.03	3.5	3.4	570
F312347		1.45	1.50	<0.05	<0.1	0.020	0.27	5.9	43.8	0.07	170	0.15	0.01	0.2	3.8	410
F312348		3.40	5.70	0.06	0.2	0.012	1.21	5.7	67.4	1.28	1295	0.14	0.01	1.5	7.1	280
F312349		3.76	5.04	0.05	0.1	0.015	0.73	4.5	46.6	4.86	1770	0.44	0.01	1.0	3.3	220
F312350		3.12	3.89	0.05	0.1	0.020	0.57	2.7	34.8	5.16	1710	0.23	0.01	0.7	2.7	140
F312151		3.78	12.45	0.08	0.5	0.027	1.95	8.5	29.2	2.86	836	0.12	1.55	3.8	11.2	710
F312152		3.41	2.36	<0.05	0.1	0.016	0.36	3.7	89.8	3.16	987	0.23	0.02	0.5	3.9	120



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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm
F312313		6.7	38.6	<0.002	0.10	14.10	6.8	1	0.5	182.5	0.23	<0.05	2.45	0.189	0.53	1.1
F312314		7.1	5.5	<0.002	0.01	3.86	1.3	2	<0.2	673	<0.05	<0.05	0.25	0.018	0.05	3.2
F312315		6.4	13.6	<0.002	0.03	5.63	2.9	1	0.2	606	0.07	<0.05	0.72	0.063	0.22	0.8
F312316		6.8	4.7	<0.002	0.10	33.8	0.8	1	<0.2	655	<0.05	0.14	0.30	0.009	0.08	1.4
F312317		15.6	89.8	<0.002	0.02	1.35	1.8	1	0.2	176.0	0.41	<0.05	8.04	0.057	0.63	1.6
F312318		6.7	36.8	<0.002	0.31	7.25	3.9	2	0.2	647	0.12	0.54	1.30	0.088	0.37	1.7
F312319		2.3	1.0	<0.002	0.01	17.20	0.3	2	<0.2	891	<0.05	<0.05	0.04	<0.005	0.03	0.2
F312320		7.2	54.8	<0.002	0.46	64.9	4.7	<1	0.3	542	0.13	<0.05	1.43	0.114	0.85	1.4
F312321		5.8	54.9	<0.002	0.75	121.5	5.6	1	0.4	538	0.16	<0.05	1.88	0.133	0.84	1.4
F312322		6.2	76.6	<0.002	0.61	7.79	7.1	<1	0.5	327	0.24	<0.05	2.81	0.185	0.79	1.5
F312323		5.9	79.3	<0.002	1.17	49.3	7.0	1	0.5	355	0.22	<0.05	2.99	0.175	1.28	1.6
F312324		7.0	5.3	<0.002	0.06	28.8	0.9	1	<0.2	637	<0.05	0.06	0.20	0.011	0.09	1.4
F312325		4.1	42.6	<0.002	0.09	3.60	3.4	1	0.2	453	0.13	<0.05	1.60	0.098	0.38	1.1
F312326		3.5	34.1	<0.002	0.05	35.0	3.3	<1	0.2	303	<0.05	<0.05	0.62	0.086	0.44	2.4
F312327		5.0	10.5	<0.002	0.18	38.8	3.9	1	0.3	91.7	0.06	<0.05	0.78	0.087	0.14	1.0
F312328		2.7	31.2	<0.002	0.14	25.6	9.9	<1	0.5	123.5	0.09	0.05	0.76	0.260	0.24	0.6
F312329		1.8	9.2	<0.002	0.06	1.82	3.0	<1	0.3	80.4	0.06	<0.05	0.63	0.056	0.06	1.1
F312330		7.9	18.3	<0.002	0.27	29.4	2.4	<1	0.2	139.5	<0.05	0.30	0.42	0.044	0.28	0.4
F312331		7.3	33.8	<0.002	0.27	48.5	3.7	1	0.3	65.7	0.08	0.08	0.85	0.098	0.37	0.7
F312332		13.0	26.2	<0.002	2.58	137.0	3.1	3	0.2	34.7	0.06	0.54	0.53	0.056	0.39	0.4
F312333		11.5	58.3	<0.002	0.34	55.2	5.7	<1	0.4	39.3	0.15	0.59	1.24	0.143	0.89	0.8
F312334		1.3	1.4	<0.002	0.17	0.32	0.3	1	0.2	257	<0.05	<0.05	0.48	0.096	0.02	0.4
F312335		9.5	28.7	<0.002	0.18	96.3	5.6	2	0.5	48.7	0.13	0.32	0.92	0.122	0.40	0.8
F312336		5.9	45.5	<0.002	0.45	47.1	5.8	<1	0.8	141.5	0.22	0.05	3.86	0.155	0.55	1.4
F312337		2.9	23.9	<0.002	0.11	11.95	4.5	<1	0.4	63.4	0.15	<0.05	0.92	0.154	0.19	0.6
F312338		9.0	55.0	<0.002	1.25	61.3	4.9	1	0.4	40.1	0.15	0.21	1.05	0.136	0.81	0.7
F312339		17.9	51.8	<0.002	1.59	28.4	4.7	1	0.5	11.7	0.13	0.36	1.14	0.125	0.80	0.8
F312340		13.5	50.8	<0.002	1.09	89.5	4.4	1	0.4	39.1	0.11	1.09	1.27	0.111	0.92	0.7
F312341		8.3	82.4	<0.002	2.64	126.5	11.5	<1	0.8	106.0	0.38	<0.05	2.77	0.299	2.53	1.3
F312342		7.9	90.8	<0.002	1.62	80.6	12.3	1	0.8	87.7	0.30	<0.05	3.16	0.311	1.52	1.1
F312343		10.6	74.1	<0.002	1.11	88.3	10.4	1	0.7	137.0	0.27	0.15	2.63	0.272	1.29	1.3
F312344		7.9	85.0	<0.002	1.72	179.5	12.4	<1	0.8	212	0.32	<0.05	2.85	0.322	1.57	1.1
F312345		19.9	57.3	<0.002	1.57	76.4	6.4	<1	0.4	84.4	0.15	0.08	1.56	0.156	1.11	1.0
F312346		16.7	71.0	<0.002	1.88	515	8.5	1	0.6	61.0	0.24	<0.05	1.97	0.229	1.29	1.0
F312347		2.8	7.8	<0.002	0.66	57.9	0.8	<1	<0.2	26.1	<0.05	<0.05	0.13	0.013	0.14	0.2
F312348		5.9	46.9	<0.002	0.47	13.55	4.0	<1	0.3	175.5	0.10	<0.05	0.89	0.105	0.46	0.7
F312349		5.0	26.5	<0.002	1.12	30.5	3.3	1	0.2	541	0.06	0.10	0.51	0.068	0.40	0.7
F312350		2.8	23.8	<0.002	0.15	15.40	2.4	1	0.2	435	0.05	0.06	0.52	0.048	0.31	1.3
F312151		5.8	68.7	<0.002	0.37	8.94	9.6	<1	0.6	345	0.27	<0.05	2.09	0.255	0.75	1.1
F312152		4.0	14.8	<0.002	0.71	194.5	2.0	1	<0.2	247	<0.05	<0.05	0.37	0.033	0.55	2.5



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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
		V	W	Y	Zn	Zr	Ag
		ppm	ppm	ppm	ppm	ppm	ppm
		1	0.1	0.1	2	0.5	1
F312313		60	0.3	14.5	56	6.5	
F312314		21	0.1	11.2	91	1.0	
F312315		38	0.3	14.9	69	2.4	
F312316		30	0.8	14.2	87	1.2	
F312317		17	0.2	5.8	11	62.2	
F312318		78	1.1	16.6	42	3.9	
F312319		8	0.1	4.7	40	<0.5	
F312320		42	0.5	11.1	76	5.1	
F312321		56	0.4	14.4	61	6.1	
F312322		72	0.4	14.5	54	7.7	
F312323		67	0.4	11.9	44	8.2	
F312324		20	0.2	12.1	147	0.5	
F312325		40	0.1	18.3	63	4.3	
F312326		54	0.3	10.4	81	3.9	
F312327		37	0.9	12.0	33	7.3	
F312328		107	2.5	14.3	50	13.5	
F312329		19	0.2	7.7	22	10.7	
F312330		62	0.4	1.9	39	2.1	
F312331		72	0.6	10.8	46	4.3	
F312332		64	0.1	5.0	28	2.0	
F312333		135	0.3	5.8	39	5.2	
F312334		7	<0.1	2.2	<2	3.0	
F312335		66	0.3	7.6	33	10.9	
F312336		63	1.0	10.2	38	45.3	
F312337		57	1.7	8.6	40	4.0	
F312338		53	0.2	4.3	10	5.0	
F312339		79	0.9	3.5	23	4.5	
F312340		50	0.6	5.2	84	3.8	
F312341		105	3.6	14.1	53	10.5	
F312342		111	1.7	11.1	30	9.8	
F312343		94	3.9	10.0	54	8.4	
F312344		117	3.8	10.4	40	10.2	
F312345		61	0.5	9.5	59	5.5	103
F312346		87	0.7	10.2	79	7.8	
F312347		15	0.1	5.1	22	0.7	
F312348		57	0.3	10.2	56	4.2	
F312349		48	0.2	11.6	54	2.3	
F312350		58	0.2	5.8	41	1.8	
F312151		92	0.2	13.3	72	8.5	
F312152		22	0.2	8.1	52	1.3	



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Sample Description	Method	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
LOD		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
F312153		2.22	<0.005	0.02	8.05	12.6	1770	1.09	0.03	2.21	0.05	19.95	9.9	41	8.43	4.3
F312154		1.35	3.33	41.8	1.61	1315	110	0.63	0.01	15.60	0.08	6.59	7.1	7	7.79	5.8
F312155		1.34	0.011	0.16	3.90	74.2	110	0.74	0.03	2.50	0.02	5.73	4.2	25	10.95	2.5
F312156		2.13	0.086	0.92	4.67	161.0	300	0.77	0.04	3.63	0.06	15.95	6.0	24	9.91	4.1
F312157		1.49	0.016	0.20	7.61	10.7	1530	1.05	0.02	2.33	0.05	20.8	9.8	41	4.54	4.3
F312158		2.13	0.086	0.84	3.72	78.6	460	0.77	0.02	7.89	0.06	11.55	7.4	25	8.22	4.5
F312801		0.70	6.22	1.31	6.10	>10000	480	0.86	0.03	4.50	0.16	17.55	10.8	34	13.10	13.2
F312802		1.44	0.083	0.37	2.38	861	150	0.60	0.01	11.50	0.05	8.56	5.2	14	9.24	9.5
F312803		1.55	0.119	5.26	2.78	683	190	0.87	0.01	12.85	0.08	8.13	5.4	18	11.55	19.6
F312804		1.57	0.041	0.45	8.40	399	910	1.14	0.02	1.38	0.09	22.1	12.3	57	15.90	17.8
F312805		1.45	0.011	0.09	2.10	69.7	900	0.19	0.05	0.78	0.02	3.97	0.9	15	1.72	4.1
F312806		1.16	0.206	1.87	2.58	309	440	0.54	0.02	9.46	0.22	11.15	5.4	27	6.54	15.1
F312807		1.48	<0.005	0.03	0.13	10.6	30	0.88	0.02	20.3	0.19	2.20	5.1	3	0.73	1.3
F312451		0.90	0.006	0.05	0.55	13.5	80	0.55	<0.01	23.1	0.04	2.58	1.7	3	1.98	2.2
F312452		1.62	0.068	3.50	3.35	150.5	300	0.78	0.01	15.05	0.12	8.96	5.4	15	7.07	69.7
F312453		1.35	0.006	0.09	2.99	27.9	340	0.49	0.03	6.01	<0.02	8.30	3.6	23	2.43	4.1
F312454		0.56	<0.005	0.02	7.07	3.4	920	0.89	0.01	2.61	0.11	19.00	10.7	41	7.77	11.2
F312455		1.22	<0.005	0.03	0.04	2.9	20	<0.05	0.06	0.18	<0.02	0.53	0.1	15	0.18	4.4
F312456		0.99	<0.005	0.01	0.18	3.3	40	<0.05	0.03	4.40	0.12	1.48	0.6	17	0.17	2.9
F312457		1.27	0.337	0.90	1.58	1510	260	0.54	0.01	10.35	0.09	5.75	2.8	14	6.28	8.7
F312458		1.50	0.080	11.90	2.97	440	390	0.64	0.02	8.90	0.90	9.98	6.1	20	15.15	142.0
F312459		1.16	0.898	1.45	1.52	1870	320	0.50	0.03	4.73	0.12	7.11	2.2	19	6.14	5.0
F312460		0.73	0.005	0.73	4.80	73.6	350	0.83	0.01	8.26	0.16	15.45	9.6	20	13.75	5.6
F312461		0.77	<0.005	0.05	6.03	5.5	530	0.83	0.01	8.64	0.11	17.25	5.1	22	5.26	2.9
F312462		1.08	0.750	1.45	1.87	1240	180	0.60	0.03	0.98	0.14	2.69	1.8	31	5.63	11.0
F312463		0.93	<0.005	0.07	5.34	7.7	1380	2.01	0.32	1.28	0.08	39.0	0.3	3	19.25	1.1
F312464		0.88	0.014	0.68	3.01	121.5	320	0.74	0.01	7.73	0.11	14.95	6.3	21	13.85	10.1
F312465		0.69	<0.005	0.09	6.59	6.5	1350	2.31	0.17	0.30	0.06	61.6	0.4	7	6.68	2.2
F312466		0.77	<0.005	0.05	6.45	4.4	1300	2.23	0.11	0.39	0.06	60.5	0.4	12	4.31	1.1
F312467		1.55	1.500	3.04	3.39	2190	510	0.61	0.02	0.25	0.09	9.78	3.3	30	11.60	4.9
F312468		1.19	1.150	11.10	7.51	5380	1110	0.87	0.03	0.29	0.20	22.8	5.0	41	13.90	29.4
F312469		1.29	0.071	0.53	2.53	108.0	340	0.66	0.01	12.55	0.18	5.30	4.7	10	6.87	3.7
F312470		1.20	0.060	0.59	2.39	162.0	310	0.46	0.02	2.66	0.27	8.69	6.7	11	8.26	6.5
F312471		1.19	0.225	1.68	1.17	217	190	0.27	0.02	19.30	2.05	7.16	3.9	5	2.86	13.9
F312472		0.83	0.067	0.60	3.07	138.0	510	0.58	0.01	9.60	0.19	8.46	7.3	9	7.50	11.8
F312473		0.81	0.005	0.46	7.86	60.5	1130	1.07	0.01	3.09	0.13	22.4	14.7	57	11.30	33.7
F312474		0.72	<0.005	0.03	0.07	1.1	20	0.05	0.02	18.65	0.44	0.66	0.7	4	0.08	1.8
F312475		0.95	0.028	0.89	2.46	152.0	250	0.90	0.01	9.23	0.24	10.10	9.6	17	16.40	3.8
F312476		1.12	0.267	7.60	0.84	50.1	660	0.35	0.35	8.24	1.80	2.99	2.5	39	4.09	102.5
F312477		0.88	0.054	1.58	1.12	101.5	110	0.41	0.02	9.93	1.75	3.63	3.4	7	4.68	10.2



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		Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm
F312153		3.23	15.90	0.11	0.7	0.028	2.28	9.2	28.2	1.03	673	0.14	3.27	4.9	11.6	790
F312154		4.22	3.80	0.06	0.1	0.013	0.47	3.7	42.6	5.14	1440	0.79	0.02	0.8	7.2	140
F312155		1.53	9.48	0.05	0.4	0.011	1.05	3.3	80.8	0.77	418	0.18	0.02	1.9	4.7	350
F312156		2.58	11.00	<0.05	0.5	0.021	0.97	8.7	71.9	1.09	763	0.29	0.31	2.6	8.0	440
F312157		3.37	16.30	0.07	0.7	0.034	2.16	9.2	36.6	1.34	681	0.11	3.32	4.5	12.6	790
F312158		3.66	8.44	<0.05	0.3	0.016	0.90	6.4	67.2	2.27	1145	0.43	0.44	1.9	8.2	340
F312801		4.27	11.15	0.07	0.4	0.037	2.89	8.5	42.3	1.83	891	0.62	0.03	2.6	10.4	740
F312802		3.24	6.00	<0.05	0.2	0.019	1.00	4.5	57.1	3.86	1450	0.29	0.02	1.2	5.5	250
F312803		3.39	6.81	0.05	0.3	0.020	1.26	4.0	52.4	4.44	1355	0.95	0.02	1.5	7.0	370
F312804		4.21	14.75	0.06	0.6	0.039	2.90	9.6	11.5	0.90	618	0.13	2.32	3.9	14.8	1110
F312805		1.13	4.07	<0.05	<0.1	0.005	0.28	2.6	7.4	0.17	237	0.17	1.14	0.6	1.3	20
F312806		3.46	6.64	0.05	0.2	0.025	0.91	5.5	61.7	1.35	1260	0.38	0.41	1.2	6.3	280
F312807		3.47	0.46	<0.05	<0.1	<0.005	0.04	1.2	14.1	7.12	1490	0.36	0.01	0.1	8.4	20
F312451		4.94	1.47	<0.05	0.1	<0.005	0.21	1.6	4.3	6.77	1860	0.05	0.01	0.3	1.2	70
F312452		3.24	7.48	<0.05	0.3	0.025	0.98	4.2	71.7	5.28	1320	7.11	0.03	1.7	6.1	350
F312453		1.98	7.28	<0.05	0.3	0.012	0.52	3.8	44.8	1.45	518	0.22	1.01	1.6	4.9	310
F312454		3.47	15.60	0.05	0.7	0.029	2.22	7.8	45.7	1.11	919	0.08	2.18	4.1	14.6	830
F312455		0.37	0.14	<0.05	<0.1	<0.005	0.01	<0.5	1.0	0.02	77	0.17	0.01	<0.1	0.5	10
F312456		0.34	0.62	<0.05	0.1	0.006	0.03	2.6	2.9	0.10	146	0.16	0.02	0.2	2.0	70
F312457		4.03	4.16	<0.05	0.1	0.013	0.70	3.1	82.8	3.00	3800	0.23	0.03	0.7	3.4	140
F312458		4.31	8.33	0.05	0.2	0.027	1.29	5.3	40.5	1.94	1265	0.29	0.02	1.7	7.6	330
F312459		2.42	3.68	<0.05	0.1	0.013	0.63	3.7	75.6	1.14	786	0.33	0.03	0.8	3.1	150
F312460		4.20	9.35	0.06	0.3	0.019	0.78	7.9	102.5	2.19	1540	0.08	0.08	2.2	9.0	440
F312461		3.15	13.90	<0.05	0.5	0.043	0.44	8.5	45.0	0.36	1495	0.07	3.64	1.6	6.8	2150
F312462		2.37	4.91	<0.05	0.1	0.012	0.81	1.4	127.0	0.23	213	6.70	0.02	0.8	2.3	60
F312463		0.57	12.20	0.10	2.7	0.016	3.93	20.4	12.2	0.07	178	2.63	1.11	14.8	0.3	50
F312464		3.85	7.20	0.17	0.2	0.020	1.20	8.0	59.6	1.11	1355	0.13	0.03	1.8	7.1	330
F312465		0.75	13.35	0.23	3.0	0.020	3.86	35.8	26.1	0.08	331	1.36	2.45	14.9	0.6	70
F312466		0.78	13.75	0.14	3.0	0.018	3.71	35.2	25.5	0.07	410	1.86	2.52	15.6	0.6	60
F312467		1.90	9.77	0.08	0.2	0.015	1.45	4.4	45.6	0.26	92	0.61	0.03	1.9	4.4	220
F312468		2.52	15.00	0.09	0.7	0.025	2.86	10.3	32.8	0.27	86	0.41	1.20	4.6	6.5	730
F312469		3.95	7.21	0.13	0.2	0.013	1.31	2.6	22.1	3.63	1515	0.52	0.03	1.2	4.7	330
F312470		3.13	6.75	0.13	0.2	0.012	1.09	3.9	54.4	0.73	418	2.16	0.02	0.9	5.1	250
F312471		2.15	2.57	0.08	0.1	0.061	0.48	3.6	56.0	1.14	2560	0.37	0.03	0.5	2.4	130
F312472		3.02	7.26	0.08	0.2	0.018	1.46	4.1	44.0	1.83	1080	0.17	0.03	1.3	4.7	390
F312473		4.36	17.85	0.15	0.7	0.049	2.13	9.5	32.9	1.57	686	0.11	2.31	4.8	19.8	1140
F312474		0.18	0.23	0.05	<0.1	<0.005	0.02	1.3	2.8	9.75	340	0.11	0.01	0.1	4.7	110
F312475		3.86	6.30	0.06	0.2	0.006	1.16	5.2	34.0	2.85	1290	0.70	0.02	1.7	11.5	300
F312476		1.79	2.18	<0.05	<0.1	0.056	0.35	1.5	71.8	2.30	1830	0.79	0.02	0.2	3.4	30
F312477		2.95	2.24	0.09	0.1	0.022	0.44	1.9	62.7	3.13	1265	2.88	0.01	0.5	4.6	80

***** See Appendix Page for comments regarding this certificate *****



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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm
F312153		8.0	66.8	<0.002	0.02	0.84	10.6	1	0.8	348	0.34	<0.05	3.41	0.285	0.46	1.0
F312154		12.4	20.6	<0.002	0.19	60.8	2.5	1	0.2	599	0.06	0.05	0.78	0.051	0.42	1.4
F312155		2.3	48.9	<0.002	0.12	10.10	4.9	<1	0.3	45.9	0.14	<0.05	1.56	0.120	0.38	0.7
F312156		4.1	44.3	<0.002	0.09	15.15	5.9	1	0.5	106.5	0.18	<0.05	2.21	0.165	0.37	1.1
F312157		7.9	55.2	<0.002	0.01	0.58	9.5	2	0.8	423	0.31	<0.05	3.94	0.293	0.41	1.2
F312158		3.9	29.6	<0.002	0.09	28.0	5.2	1	0.4	241	0.14	<0.05	1.50	0.131	0.35	1.2
F312801		7.3	86.6	0.002	2.60	188.5	7.9	4	0.6	103.5	0.19	1.54	2.39	0.257	1.81	1.0
F312802		4.0	41.1	0.002	0.64	23.2	3.5	1	0.3	359	0.08	0.09	0.82	0.088	0.65	0.5
F312803		4.0	55.1	<0.002	0.77	30.4	4.4	1	0.4	325	0.10	0.07	0.98	0.121	0.84	1.1
F312804		6.8	80.9	<0.002	2.29	12.15	12.1	1	0.8	87.3	0.25	0.08	2.66	0.386	1.57	0.5
F312805		2.3	7.7	<0.002	0.57	2.36	0.5	1	0.2	115.0	<0.05	<0.05	0.22	0.149	0.17	0.2
F312806		5.7	32.5	0.002	1.50	12.20	5.6	2	0.4	189.5	0.09	1.52	1.08	0.095	0.44	1.3
F312807		6.1	1.9	<0.002	0.01	14.70	0.3	1	<0.2	450	<0.05	<0.05	0.07	<0.005	0.03	1.7
F312451		3.0	8.1	<0.002	0.01	1.44	0.8	1	<0.2	570	<0.05	<0.05	0.25	0.019	0.10	1.3
F312452		16.3	30.6	<0.002	0.65	24.7	4.2	2	0.4	648	0.13	1.57	1.00	0.123	0.54	0.9
F312453		1.8	14.1	0.002	0.06	3.39	3.5	1	0.3	206	0.10	<0.05	0.89	0.109	0.22	0.7
F312454		6.4	59.6	0.002	0.01	1.60	10.2	1	0.8	214	0.29	<0.05	3.31	0.302	0.49	1.4
F312455		0.5	0.3	<0.002	<0.01	0.28	0.1	1	<0.2	5.7	<0.05	<0.05	0.02	<0.005	<0.02	0.1
F312456		1.1	1.0	<0.002	0.02	0.11	0.4	2	<0.2	43.8	<0.05	<0.05	0.16	0.008	<0.02	1.5
F312457		4.3	24.5	<0.002	0.50	56.1	2.5	1	0.2	177.5	0.05	<0.05	0.56	0.056	0.30	1.2
F312458		13.8	49.7	<0.002	1.21	104.5	4.2	2	0.4	127.5	0.12	0.05	1.12	0.119	0.61	3.0
F312459		5.0	20.1	<0.002	0.37	50.3	2.4	1	0.2	102.5	0.06	<0.05	0.65	0.060	0.31	0.9
F312460		5.3	31.0	<0.002	0.09	47.1	5.6	1	0.4	157.0	0.15	<0.05	1.46	0.152	0.76	1.3
F312461		3.1	13.6	<0.002	0.01	2.12	6.4	1	0.4	384	0.10	<0.05	1.47	0.149	0.18	1.1
F312462		22.3	25.8	<0.002	1.00	40.2	2.1	1	0.3	23.3	0.06	0.13	0.54	0.064	0.35	0.3
F312463		20.6	103.0	<0.002	0.01	0.91	1.5	1	1.6	595	1.32	<0.05	15.70	0.045	0.98	5.3
F312464		4.0	53.3	<0.002	0.78	29.2	4.5	<1	0.4	92.1	0.13	0.06	1.00	0.118	0.64	1.0
F312465		21.7	165.0	<0.002	<0.01	0.38	1.8	<1	1.5	116.5	1.39	<0.05	22.0	0.052	1.19	5.0
F312466		21.4	161.0	<0.002	<0.01	0.35	1.7	<1	1.5	117.5	1.42	<0.05	22.7	0.050	1.21	4.5
F312467		12.5	51.4	<0.002	1.33	67.1	4.3	1	0.4	29.6	0.14	0.06	0.91	0.131	0.65	0.8
F312468		20.2	111.0	<0.002	1.55	127.5	10.2	1	0.8	81.9	0.35	0.17	2.99	0.294	1.97	1.3
F312469		13.7	42.4	<0.002	0.62	15.00	3.4	<1	0.3	274	0.08	0.18	0.55	0.102	0.52	1.2
F312470		38.7	41.0	<0.002	1.97	12.10	4.7	1	0.4	43.9	0.05	0.15	0.52	0.084	0.92	1.2
F312471		609	18.6	<0.002	1.05	5.15	2.0	1	0.2	559	<0.05	0.49	0.30	0.046	0.23	0.2
F312472		10.2	50.9	<0.002	0.65	5.04	4.1	<1	0.3	140.0	0.09	0.19	0.63	0.136	0.61	1.3
F312473		7.8	59.4	<0.002	0.28	3.36	14.5	1	1.0	318	0.28	<0.05	2.27	0.393	0.66	1.0
F312474		8.2	0.7	<0.002	<0.01	0.33	0.2	<1	<0.2	517	<0.05	<0.05	0.04	<0.005	<0.02	0.4
F312475		14.8	40.2	<0.002	0.98	57.0	4.4	<1	0.3	135.0	0.14	0.30	1.27	0.102	1.08	3.3
F312476		2190	13.3	<0.002	0.32	19.75	1.0	7	0.2	123.5	<0.05	0.64	0.20	0.019	0.18	0.3
F312477		150.0	16.1	<0.002	0.47	12.80	1.5	1	0.2	225	<0.05	0.55	0.35	0.029	0.26	2.0



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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
		V	W	Y	Zn	Zr	Ag
		ppm	ppm	ppm	ppm	ppm	ppm
		1	0.1	0.1	2	0.5	1
F312153		101	0.1	12.8	59	12.0	
F312154		34	0.4	8.4	121	2.2	
F312155		60	0.4	5.3	20	6.8	
F312156		66	0.5	10.8	44	6.2	
F312157		106	<0.1	12.6	57	9.6	
F312158		64	0.5	11.4	46	4.8	
F312801		93	0.6	7.7	95	6.4	
F312802		50	0.2	8.7	42	2.9	
F312803		52	0.5	7.3	37	3.9	
F312804		145	0.3	11.4	65	8.1	
F312805		25	0.5	1.6	8	0.7	
F312806		85	1.6	14.0	48	3.4	
F312807		9	0.4	6.8	112	0.5	
F312451		10	0.2	4.2	18	0.9	
F312452		229	0.4	7.0	43	4.7	
F312453		34	0.1	6.5	26	5.0	
F312454		112	0.5	11.3	67	10.1	
F312455		2	<0.1	0.2	<2	<0.5	
F312456		4	<0.1	2.0	9	3.4	
F312457		30	0.5	8.0	29	2.6	
F312458		65	1.1	10.0	278	4.0	
F312459		33	0.3	4.5	35	3.4	
F312460		67	2.1	16.6	77	5.4	
F312461		111	0.4	9.0	32	12.1	
F312462		84	0.3	1.4	37	2.2	
F312463		2	1.3	10.9	20	77.6	
F312464		55	0.6	14.8	51	4.4	
F312465		2	1.0	11.7	31	86.4	
F312466		2	0.9	12.3	29	85.9	
F312467		59	0.4	3.9	30	4.1	
F312468		105	2.8	10.8	49	11.5	
F312469		78	2.5	7.7	58	3.7	
F312470		66	2.0	7.6	47	2.8	
F312471		21	0.4	8.2	281	1.4	
F312472		70	1.2	9.0	64	4.2	
F312473		151	0.7	16.8	94	13.1	
F312474		1	<0.1	3.2	34	1.2	
F312475		86	1.0	12.0	69	4.1	
F312476		21	0.2	5.5	166	0.8	
F312477		26	0.3	5.7	294	1.3	



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Sample Description	Method Analyte Units LOD	WEI-21	Au-AA24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
F312105		1.62	<0.005	0.03	0.08	20.3	30	1.09	<0.01	22.1	0.15	5.01	5.0	2	0.46	3.1
F312106		1.62	0.013	0.22	0.69	104.5	90	0.56	<0.01	20.1	0.03	8.20	3.2	4	3.07	5.6
F312107		1.36	0.105	0.37	1.80	1300	220	0.97	0.01	17.85	0.04	7.45	8.7	10	10.90	14.0
F312108		0.89	<0.005	0.14	3.15	57.1	300	0.86	0.01	16.30	0.14	10.60	7.8	14	6.17	4.9
F312109		1.58	<0.005	0.03	7.56	21.7	1550	1.03	0.02	3.81	0.10	22.2	13.4	42	16.55	21.8
F312110		0.91	0.097	0.82	5.12	433	240	1.03	0.01	7.51	0.08	14.65	7.6	26	19.90	23.4
F312111		1.07	0.008	0.14	3.12	63.8	610	0.54	0.02	4.99	0.05	10.95	3.9	23	6.88	11.1
F312112		0.79	<0.005	0.05	7.91	8.4	1370	1.19	0.02	1.46	0.08	20.3	13.6	44	13.25	26.8
F312113		0.72	2.17	2.90	7.30	8270	1290	0.84	0.01	0.16	0.05	20.2	3.0	40	21.7	5.7
F312114		0.77	2.09	3.38	7.29	7300	1160	0.80	0.01	0.22	0.04	19.80	1.5	40	24.6	3.8
F312115		0.81	3.11	3.58	5.64	>10000	1340	0.83	0.01	0.20	0.11	13.85	4.1	33	19.35	13.2
F312116		0.80	5.51	3.40	1.03	>10000	240	0.57	0.01	6.34	0.06	7.58	3.8	21	5.03	20.6
F312117		0.88	3.99	3.19	7.98	>10000	1090	0.93	0.01	0.12	0.07	21.4	3.6	46	28.4	11.1
F312118		0.82	1.770	2.59	7.79	6540	1480	0.91	0.01	0.19	0.11	24.0	2.6	42	20.9	21.0
F312119		0.98	4.38	3.65	6.06	>10000	740	0.98	0.01	0.17	0.06	16.30	7.6	36	25.5	23.1
F312120		0.59	0.797	1.63	3.68	254	480	0.84	0.02	7.04	0.06	9.66	8.7	17	12.20	3.8
F312121		0.52	0.015	0.07	3.48	108.5	410	1.00	0.01	12.90	0.09	16.70	7.0	13	18.25	4.2
F312122		0.77	0.098	0.50	5.46	570	520	1.24	0.03	8.69	0.04	15.25	8.0	25	14.90	3.5
F312123		0.80	0.332	0.90	2.86	276	130	1.01	0.08	10.30	0.09	17.15	12.4	16	9.80	3.1
F312124		0.60	4.60	7.44	2.60	4910	220	0.59	0.01	5.86	0.07	6.59	6.7	15	9.35	5.4



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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
F312105		4.61	0.40	0.08	<0.1	<0.005	0.02	3.1	7.6	7.44	1835	0.73	<0.01	<0.1	6.6	20
F312106		4.72	1.90	0.12	<0.1	0.008	0.23	4.7	44.9	6.43	2030	0.75	0.01	0.3	1.0	60
F312107		5.14	5.23	0.11	0.2	0.012	0.78	4.0	25.3	2.73	1935	0.38	0.02	1.1	6.8	170
F312108		3.95	5.73	0.10	0.3	0.013	0.85	5.7	142.5	4.83	1270	0.14	0.02	1.8	8.9	320
F312109		3.47	16.70	0.15	0.7	0.039	3.01	10.4	14.0	1.00	824	0.15	2.87	5.2	15.2	880
F312110		3.29	14.10	0.11	0.5	0.028	2.37	7.5	24.0	1.47	1100	0.25	0.03	3.2	6.9	530
F312111		2.00	6.49	<0.05	0.2	0.014	0.91	6.4	102.0	0.90	628	0.27	0.16	1.8	4.2	300
F312112		3.61	17.85	0.18	0.7	0.028	2.99	9.3	19.9	1.16	744	0.13	2.41	5.1	15.6	850
F312113		3.49	17.35	0.20	0.6	0.045	3.10	10.0	63.5	0.33	96	0.76	0.04	4.6	3.6	780
F312114		2.65	18.45	0.11	0.6	0.045	3.03	9.9	69.9	0.36	90	0.44	0.03	4.3	2.1	740
F312115		3.39	14.00	0.12	0.5	0.046	2.21	7.3	75.3	0.26	123	1.63	0.03	3.4	4.9	590
F312116		3.90	2.78	0.13	0.1	0.038	0.42	4.5	108.5	1.73	1715	1.98	0.02	0.4	3.9	80
F312117		3.33	19.25	0.17	0.7	0.055	2.93	10.4	69.7	0.31	81	0.27	0.03	5.0	5.3	760
F312118		3.37	17.20	0.12	0.7	0.043	3.26	12.6	67.7	0.33	89	0.39	0.03	4.6	3.6	760
F312119		3.12	16.20	0.12	0.5	0.049	2.31	8.1	107.0	0.29	94	0.30	0.02	3.7	10.5	600
F312120		2.92	9.25	0.09	0.4	0.010	0.98	5.6	70.5	0.90	872	0.25	0.42	2.1	9.2	320
F312121		4.64	7.83	0.16	0.3	0.014	0.55	9.8	103.5	3.04	1525	<0.05	0.02	2.0	4.1	320
F312122		4.03	11.90	0.11	0.5	0.017	1.15	8.2	205	0.40	1125	0.27	0.03	3.3	7.2	520
F312123		3.36	7.36	0.09	0.4	0.011	0.37	9.4	66.5	2.94	1220	0.29	0.01	1.8	11.2	270
F312124		2.70	5.46	0.09	0.2	0.022	0.46	4.0	65.7	1.51	1130	0.84	0.02	1.3	5.4	260



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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.005	0.02	0.1	
F312105		9.7	0.9	<0.002	<0.01	4.37	0.8	3	<0.2	498	<0.05	<0.05	0.05	<0.005	0.02	2.5
F312106		2.5	10.5	<0.002	0.09	5.71	2.0	2	<0.2	591	<0.05	<0.05	0.20	0.019	0.16	0.3
F312107		3.4	30.1	<0.002	0.09	32.5	3.8	1	0.3	334	0.07	0.10	0.77	0.075	0.38	0.9
F312108		5.1	28.0	<0.002	0.01	6.04	4.8	3	0.3	328	0.13	<0.05	1.34	0.113	0.33	1.5
F312109		6.9	84.4	<0.002	0.22	2.51	12.9	3	0.9	406	0.39	<0.05	3.11	0.322	0.70	1.3
F312110		4.4	91.2	<0.002	0.66	15.35	7.9	1	0.6	164.0	0.26	0.32	2.56	0.196	0.98	0.8
F312111		2.7	32.1	<0.002	0.19	7.71	4.4	2	0.4	92.9	0.13	<0.05	1.38	0.112	0.40	0.5
F312112		18.0	86.0	<0.002	0.03	2.41	11.8	3	0.9	247	0.36	<0.05	3.37	0.320	0.73	1.5
F312113		14.6	128.0	<0.002	0.64	152.5	11.9	3	0.7	49.9	0.33	<0.05	2.81	0.298	1.82	1.1
F312114		8.3	127.5	<0.002	0.10	141.5	11.8	<1	0.9	27.1	0.33	<0.05	2.87	0.292	1.67	1.8
F312115		8.4	96.3	<0.002	1.23	249	8.5	1	0.7	79.5	0.24	<0.05	2.15	0.229	1.53	1.2
F312116		6.0	16.2	<0.002	1.41	406	1.6	4	<0.2	132.0	<0.05	<0.05	0.41	0.023	0.35	0.3
F312117		9.6	126.5	<0.002	0.60	242	12.9	2	0.9	39.5	0.37	<0.05	3.41	0.332	2.05	1.4
F312118		10.5	124.0	<0.002	0.23	151.0	11.6	<1	0.9	58.4	0.32	<0.05	3.77	0.308	2.09	1.4
F312119		7.5	103.0	<0.002	2.00	277	9.4	3	0.7	53.6	0.27	<0.05	2.81	0.241	1.97	5.6
F312120		4.7	42.6	<0.002	0.03	20.2	4.6	<1	0.3	156.5	0.14	<0.05	1.57	0.128	0.41	1.1
F312121		4.5	29.5	<0.002	0.23	11.65	4.9	1	0.4	309	0.13	<0.05	1.48	0.114	0.52	1.1
F312122		7.0	49.0	<0.002	0.33	40.3	8.0	<1	0.6	90.4	0.21	<0.05	2.24	0.193	0.92	1.3
F312123		12.1	15.8	<0.002	0.34	19.15	4.7	<1	0.3	287	0.12	<0.05	1.42	0.107	0.97	3.4
F312124		5.0	18.8	<0.002	0.46	153.0	3.0	1	0.2	141.0	0.11	<0.05	0.95	0.092	0.32	0.8



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Sample Description	Method Analyte Units LOD	ME-MS61 V ppm	ME-MS61 W ppm	ME-MS61 Y ppm	ME-MS61 Zn ppm	ME-MS61 Zr ppm	Ag-OG62 Ag ppm
F312105		15	0.3	13.8	106	<0.5	
F312106		15	0.2	16.0	20	0.9	
F312107		54	0.4	11.8	38	4.1	
F312108		52	0.9	10.6	97	4.5	
F312109		118	0.3	16.0	68	12.0	
F312110		87	0.6	9.8	28	7.5	
F312111		43	0.4	7.2	33	4.1	
F312112		116	0.3	13.3	72	10.9	
F312113		115	0.5	4.8	23	10.1	
F312114		116	0.4	6.4	18	10.2	
F312115		90	0.5	4.9	27	7.2	
F312116		23	0.1	7.0	23	1.0	
F312117		121	0.5	6.5	31	11.2	
F312118		117	0.5	6.5	31	10.0	
F312119		86	0.5	8.2	32	8.3	
F312120		51	0.2	8.1	45	5.3	
F312121		41	0.3	15.3	59	4.2	
F312122		73	0.6	13.3	56	7.7	
F312123		59	0.3	14.9	46	7.6	
F312124		36	0.2	6.7	42	3.1	

