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To: **NORTHERN TIGER RESOURCES**
220 - 17010 103RD AVE.
EDMONTON AB T5S 1K7

Page: 1
Finalized Date: 3-SEP-2011
Account: NOTIRE

CERTIFICATE WH11144878

Project: Sonora Gulch

P.O. No.: Batch 6

This report is for 152 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 26-JUL-2011.

The following have access to data associated with this certificate:

G. HAYES

DENNIS OUELLETTE

BONNIE POLLRIES

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP22	Au 50g FA ICP-AES finish	ICP-AES
ME-MS61	48 element four acid ICP-MS	

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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.

Signature:


Colin Ramshaw, Vancouver Laboratory Manager



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CERTIFICATE OF ANALYSIS WH11144878

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-ICP22 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
I035791		2.86	0.107	0.44	6.94	179.0	510	1.75	1.23	0.75	0.87	36.9	9.7	12	9.93	100.0
I035792		1.50	0.066	0.18	8.02	88.1	720	2.06	1.22	0.96	1.01	62.5	8.9	13	13.35	91.7
I035793		3.30	0.159	0.34	7.55	36.1	980	1.73	1.34	2.08	0.32	46.2	7.3	11	10.05	106.0
I035794		3.50	0.164	0.68	7.81	22.8	940	1.73	1.93	2.19	0.24	46.0	8.1	10	6.37	171.0
I035795		4.95	0.106	0.33	7.70	18.5	920	1.71	1.85	2.06	0.23	45.2	7.0	11	6.73	72.5
I035796		2.55	0.078	0.22	7.96	10.7	830	1.51	1.42	1.53	0.18	47.0	7.0	12	6.90	38.5
I035797		2.85	0.096	0.22	7.72	9.6	890	1.57	2.30	2.03	0.14	43.8	6.5	12	9.05	29.7
I035798		2.86	0.078	0.40	7.81	10.2	1180	1.62	2.08	1.92	0.14	49.3	4.8	13	7.29	69.6
I035799		3.55	0.081	0.42	5.87	13.9	920	1.49	1.28	2.60	0.18	34.7	5.3	11	6.50	84.4
I035800		3.83	0.114	0.76	7.75	8.5	1310	1.64	1.36	2.03	0.21	45.1	4.9	13	7.23	238
I035801		4.36	0.143	0.62	7.60	19.9	530	1.40	2.99	1.96	0.17	38.9	5.9	12	5.58	180.0
I035802		3.08	0.114	0.41	7.91	19.9	420	1.46	4.45	2.04	0.11	46.5	7.5	13	5.02	88.0
I035803		3.56	0.185	0.56	8.08	23.9	420	1.44	6.01	1.36	0.15	46.6	6.7	12	6.12	215
I035804		4.30	0.077	0.47	8.19	16.2	430	1.72	3.93	1.29	0.21	50.6	6.4	14	5.46	110.0
I035805		3.96	0.112	0.62	8.28	20.2	440	1.53	2.50	1.35	0.21	50.3	6.8	13	5.12	129.0
I035806		4.82	0.558	1.24	7.75	222	490	1.49	7.24	1.99	0.36	50.5	8.8	13	6.03	157.0
I035807		3.68	0.080	0.66	8.16	25.9	890	1.69	1.77	1.90	0.25	44.7	7.9	13	5.93	135.5
I035808		3.85	0.091	0.62	8.13	10.6	1260	1.71	1.57	2.12	0.24	39.0	5.7	14	6.09	185.5
I035809		4.08	0.110	0.38	8.17	16.1	520	1.52	2.32	1.70	0.23	48.3	6.9	16	4.99	65.0
I035810		4.12	0.117	0.33	8.01	13.4	690	1.58	2.19	2.01	0.21	43.2	9.2	13	5.33	99.8
I035811		3.44	0.175	1.41	8.23	92.9	1050	1.68	1.38	2.00	1.90	43.9	7.9	13	7.51	175.5
I035812		4.46	0.880	0.39	8.07	16.3	780	1.54	2.23	1.97	0.22	55.8	7.4	13	6.85	138.0
I035813		3.88	0.559	0.23	7.72	13.7	730	1.54	1.56	2.21	0.19	37.1	6.4	13	5.95	44.9
I035814		3.69	0.236	0.17	7.63	7.7	1670	1.57	0.71	2.40	0.22	40.8	5.9	14	5.72	60.7
I035815		4.25	0.098	0.25	7.55	10.7	570	1.44	0.96	2.10	0.17	28.0	8.1	14	6.59	73.6
I035816		4.53	0.067	0.22	7.77	11.3	620	1.56	1.36	2.09	0.17	40.7	9.4	14	6.43	104.0
I035817		2.06	0.035	0.19	7.76	15.2	450	1.44	1.52	1.86	0.14	48.4	7.2	12	6.29	38.5
I035818		2.07	0.045	0.18	8.09	13.3	420	1.43	1.33	1.77	0.15	50.8	12.1	13	6.37	50.2
I035819		0.05	1.135	1.04	2.58	271	140	1.02	8.02	17.75	2.31	30.9	4.9	45	7.26	79.8
I035820		1.92	0.003	0.02	0.11	<5	30	0.06	0.04	20.6	0.07	1.45	1.5	<1	0.19	2.5
I035821		4.31	0.062	0.27	7.14	10.4	1520	1.34	0.80	3.22	0.15	26.6	5.1	14	7.09	165.5
I035822		4.07	0.117	0.93	7.27	48.1	540	1.52	3.11	2.65	0.64	37.1	6.6	13	5.23	215
I035823		4.28	0.036	0.34	7.62	16.4	580	1.48	1.66	2.16	0.26	45.2	6.4	13	4.61	77.8
I035824		4.52	0.058	1.27	8.01	132.0	610	1.47	2.86	2.03	2.76	49.6	7.1	12	5.91	210
I035825		4.43	0.077	0.50	7.67	82.9	530	1.37	2.37	1.94	0.26	49.9	8.1	12	5.16	69.5
I035826		3.82	0.083	0.38	7.17	28.1	1330	1.55	0.96	2.76	0.15	29.0	6.3	13	8.05	131.0
I035827		4.95	0.058	0.55	7.49	28.4	1440	1.55	0.99	2.71	0.31	39.7	8.9	15	8.20	106.5
I035828		3.50	0.044	0.38	7.59	14.8	840	1.59	1.53	2.65	0.27	37.1	7.9	15	8.51	84.4
I035829		3.97	0.043	0.41	7.42	12.9	1130	1.57	1.37	2.42	0.21	41.3	7.0	15	8.30	169.5
I035830		3.46	0.038	0.36	7.80	9.5	1330	1.47	1.74	2.04	0.20	42.2	5.3	16	6.70	160.5



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CERTIFICATE OF ANALYSIS WH11144878

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 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
I035791		2.79	24.3	0.14	1.4	0.141	2.70	18.2	67.5	0.43	187	4.48	0.06	4.6	5.7	650
I035792		2.81	22.6	0.16	1.7	0.091	2.55	34.0	96.1	0.49	192	2.29	0.08	5.3	7.7	860
I035793		2.79	21.3	0.13	1.6	0.060	2.59	22.9	44.9	0.71	171	1.14	1.44	4.7	6.3	630
I035794		3.35	22.9	0.14	1.6	0.047	2.71	23.1	15.6	0.76	113	2.55	2.17	4.2	6.0	650
I035795		2.98	22.2	0.13	1.7	0.033	2.38	22.3	22.1	0.78	123	0.94	2.44	5.1	5.3	650
I035796		3.34	20.0	0.13	1.5	0.033	2.97	24.6	18.7	0.75	129	1.01	1.93	4.1	4.5	650
I035797		3.03	19.45	0.13	1.6	0.033	2.66	22.4	9.0	0.73	94	1.59	1.81	3.6	4.4	640
I035798		2.57	20.5	0.14	1.5	0.052	2.77	25.8	19.7	0.88	127	0.97	2.08	4.9	4.1	650
I035799		2.18	18.35	0.14	1.5	0.048	2.49	16.5	18.4	0.76	134	1.47	1.94	5.6	4.0	590
I035800		2.42	20.1	0.14	1.5	0.087	2.85	22.9	15.2	0.93	129	0.67	2.15	4.0	4.4	660
I035801		3.44	22.6	0.14	1.5	0.062	3.27	20.1	9.8	0.81	96	0.98	1.36	3.9	4.1	630
I035802		4.26	23.6	0.16	1.5	0.037	2.99	23.6	12.0	0.74	94	1.21	1.66	4.0	5.5	650
I035803		3.97	24.0	0.15	1.5	0.042	3.50	24.3	12.8	0.73	68	1.59	1.15	4.0	4.6	650
I035804		4.14	25.8	0.18	1.7	0.039	3.18	26.8	11.5	0.78	72	1.46	1.73	4.2	5.2	690
I035805		3.93	23.9	0.16	1.6	0.053	3.62	26.6	12.0	0.88	81	3.11	1.59	4.5	5.1	670
I035806		3.65	22.8	0.17	1.7	0.094	3.73	25.5	23.6	0.81	106	3.70	1.09	3.9	5.0	670
I035807		2.88	23.1	0.15	1.7	0.047	3.12	22.9	35.9	0.94	98	0.90	1.87	5.0	5.1	690
I035808		2.42	21.3	0.14	1.6	0.053	3.06	19.3	18.5	0.82	100	0.99	2.38	5.0	4.7	660
I035809		3.42	23.1	0.16	1.5	0.032	2.97	24.3	12.7	0.77	78	1.19	2.17	4.7	6.4	640
I035810		3.21	22.1	0.15	1.5	0.031	2.55	22.2	15.9	0.81	104	1.26	2.72	5.3	5.0	640
I035811		2.82	22.6	0.14	1.6	0.044	2.60	23.0	21.7	0.80	114	1.07	2.17	5.3	4.9	670
I035812		3.06	22.0	0.15	1.8	0.024	2.35	28.9	32.9	0.77	87	0.78	2.15	4.5	5.0	690
I035813		2.81	21.9	0.14	1.7	0.023	2.20	18.4	87.0	0.67	91	1.34	1.44	5.2	5.0	680
I035814		2.13	21.9	0.13	1.6	0.026	2.09	20.5	21.0	0.80	113	1.45	2.80	6.2	4.9	650
I035815		2.51	20.4	0.13	1.4	0.018	2.58	14.0	14.1	0.70	90	3.24	2.49	5.1	4.3	620
I035816		2.93	21.3	0.14	1.5	0.019	2.67	20.7	18.9	0.73	92	2.61	2.33	4.9	5.3	630
I035817		3.04	22.5	0.14	1.5	0.017	2.69	24.1	17.5	0.67	78	2.73	2.05	4.7	5.1	640
I035818		3.16	22.2	0.15	1.6	0.017	2.74	25.7	17.5	0.67	80	3.74	2.10	4.9	5.1	660
I035819		2.62	10.15	0.11	1.3	0.736	0.76	21.8	10.8	3.62	1820	72.0	0.01	5.5	74.5	1200
I035820		0.47	0.37	0.12	<0.1	0.005	0.04	0.7	1.0	13.20	220	0.16	0.02	0.4	1.0	180
I035821		1.85	20.5	0.14	1.8	0.026	2.59	12.5	42.8	0.64	111	5.18	0.59	4.6	4.4	660
I035822		2.81	21.4	0.16	1.7	0.078	2.85	18.4	17.1	0.63	92	3.72	1.18	3.8	5.0	660
I035823		3.44	20.6	0.15	1.8	0.034	2.96	22.6	19.0	0.65	78	2.61	0.96	3.1	5.1	650
I035824		3.89	22.8	0.17	1.7	0.097	3.29	25.7	13.0	0.68	99	5.62	0.62	3.2	5.2	660
I035825		3.77	23.1	0.17	1.5	0.071	3.24	25.2	8.6	0.79	89	5.65	1.08	3.1	5.0	630
I035826		1.85	20.8	0.12	1.6	0.033	2.86	14.0	29.8	0.68	139	5.08	1.59	5.0	4.4	650
I035827		2.53	20.2	0.14	1.6	0.029	2.63	19.6	14.9	0.79	174	6.40	2.33	5.6	5.5	640
I035828		2.80	20.4	0.14	1.7	0.023	2.61	18.3	13.5	0.70	135	6.08	2.43	4.7	5.2	650
I035829		2.56	20.0	0.13	1.6	0.038	2.51	20.7	18.9	0.72	133	7.72	2.32	5.2	5.4	640
I035830		2.45	20.1	0.14	1.7	0.036	2.84	21.6	14.8	0.78	121	13.80	2.59	4.9	5.0	630



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Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
I035791		9.0	138.5	<0.002	0.77	9.55	6.1	3	3.3	109.0	0.42	0.14	7.2	0.201	1.75	3.0
I035792		11.1	159.0	<0.002	1.01	7.52	7.5	2	2.5	138.0	0.48	0.17	11.3	0.207	1.68	4.3
I035793		10.0	116.5	<0.002	1.86	4.44	7.0	2	2.4	345	0.43	0.31	8.3	0.191	1.37	2.6
I035794		8.6	134.0	0.002	3.15	3.39	7.4	3	2.1	436	0.36	0.50	8.9	0.170	1.44	2.9
I035795		10.4	116.5	<0.002	2.43	2.49	7.2	2	1.8	527	0.44	0.59	8.5	0.193	1.32	2.4
I035796		7.7	142.5	0.002	2.70	2.69	7.8	2	1.9	441	0.32	0.29	9.4	0.174	1.33	2.3
I035797		6.3	133.5	<0.002	2.84	3.07	7.6	2	2.0	360	0.29	0.78	8.7	0.163	1.36	2.4
I035798		6.7	121.5	<0.002	1.93	2.54	7.6	2	2.5	499	0.39	0.63	9.2	0.213	1.20	3.1
I035799		7.5	81.7	<0.002	1.78	2.37	7.0	2	2.9	436	0.44	0.25	6.8	0.216	1.24	2.7
I035800		7.1	112.5	<0.002	1.80	3.84	7.6	2	2.6	539	0.31	0.19	8.9	0.191	1.13	3.4
I035801		5.6	154.0	<0.002	3.52	2.85	7.1	2	4.9	318	0.30	1.24	8.0	0.157	1.31	2.6
I035802		6.0	140.5	<0.002	4.55	4.55	7.5	4	3.9	338	0.29	2.32	8.5	0.150	1.24	2.5
I035803		8.2	172.5	<0.002	4.04	3.19	7.6	3	3.9	251	0.32	3.27	9.5	0.161	1.42	3.4
I035804		7.4	165.5	<0.002	4.32	2.21	8.4	3	4.4	337	0.32	1.32	10.2	0.164	1.30	4.2
I035805		8.9	177.5	<0.002	4.02	2.30	7.8	2	4.5	342	0.34	0.51	9.5	0.175	1.39	3.8
I035806		14.2	162.5	0.002	3.70	34.1	7.7	3	4.9	272	0.31	0.34	8.6	0.160	1.36	4.6
I035807		9.6	149.0	<0.002	2.80	7.11	8.2	2	2.8	391	0.36	0.24	9.2	0.183	1.23	3.5
I035808		7.7	132.5	<0.002	2.25	2.75	7.5	2	2.9	543	0.37	0.21	8.8	0.186	1.16	3.2
I035809		10.9	139.0	<0.002	3.47	3.45	7.4	3	3.1	500	0.35	0.45	9.0	0.175	1.10	4.3
I035810		13.4	98.1	<0.002	2.97	3.01	7.5	3	2.3	730	0.41	0.47	8.8	0.207	1.03	4.6
I035811		62.9	122.0	<0.002	2.41	26.1	7.8	3	2.4	567	0.40	0.23	9.2	0.219	1.24	3.5
I035812		12.2	103.5	<0.002	2.95	5.65	7.9	3	2.7	471	0.37	0.59	9.3	0.190	1.02	3.6
I035813		10.5	87.8	<0.002	2.77	8.58	7.3	3	2.9	404	0.41	0.16	8.3	0.200	0.92	3.0
I035814		11.2	70.6	<0.002	1.49	3.07	7.2	3	2.0	1340	0.46	0.07	7.8	0.230	0.77	3.2
I035815		9.6	98.3	<0.002	2.34	2.51	6.7	3	2.1	853	0.38	0.11	7.5	0.193	0.90	3.8
I035816		10.6	103.0	<0.002	2.79	2.67	7.2	3	2.5	591	0.37	0.18	8.3	0.184	0.95	3.8
I035817		9.7	114.0	<0.002	3.16	2.17	7.3	4	2.6	539	0.36	0.26	8.2	0.172	0.99	2.7
I035818		10.4	117.5	<0.002	3.24	2.46	7.3	4	2.7	577	0.38	0.22	9.0	0.179	1.00	3.4
I035819		19.5	62.0	0.060	1.03	13.55	4.5	4	5.9	235	0.34	0.34	5.1	0.134	1.69	16.0
I035820		1.4	1.9	<0.002	0.02	0.08	0.2	1	<0.2	43.9	<0.05	<0.05	0.2	<0.005	0.02	0.6
I035821		7.8	92.7	<0.002	1.76	16.35	6.9	3	2.6	330	0.34	0.11	7.2	0.187	0.96	4.6
I035822		17.4	129.0	<0.002	3.08	9.28	7.1	3	9.6	307	0.30	0.16	8.3	0.158	1.21	3.3
I035823		7.0	141.5	<0.002	3.77	4.61	7.0	4	2.8	187.5	0.26	0.28	8.8	0.131	1.31	3.3
I035824		78.3	191.5	<0.002	4.32	60.8	7.5	4	5.6	160.5	0.24	0.75	9.4	0.129	1.41	2.8
I035825		9.2	170.5	<0.002	4.12	4.10	7.0	3	7.1	203	0.23	0.48	8.8	0.117	1.34	2.9
I035826		9.0	111.5	<0.002	1.44	13.80	6.7	2	3.0	456	0.38	0.08	7.2	0.199	1.24	3.6
I035827		21.0	104.5	<0.002	1.53	4.57	7.3	2	1.4	675	0.42	0.07	8.4	0.226	1.35	3.8
I035828		16.4	110.0	<0.002	2.32	2.43	7.1	2	1.6	882	0.37	0.28	8.0	0.199	1.34	3.4
I035829		10.9	97.9	<0.002	2.08	2.36	7.2	3	2.3	796	0.40	0.20	8.0	0.199	1.19	3.1
I035830		11.5	107.5	<0.002	1.96	1.92	7.1	3	2.6	750	0.37	0.39	8.7	0.199	1.12	3.3



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Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
I035791		62	4.9	9.8	60	37.8
I035792		58	5.7	13.3	68	46.3
I035793		56	4.1	11.8	49	43.9
I035794		57	3.7	10.5	29	45.5
I035795		56	3.4	12.2	30	48.1
I035796		55	3.9	9.9	36	38.1
I035797		55	4.0	8.5	20	39.1
I035798		58	4.5	10.5	24	38.7
I035799		55	4.3	9.0	24	39.3
I035800		58	3.6	9.7	27	39.3
I035801		56	5.3	9.4	19	40.9
I035802		58	5.2	10.0	16	39.9
I035803		57	6.0	9.3	17	38.6
I035804		61	5.7	11.2	22	46.1
I035805		59	4.9	9.6	23	42.7
I035806		60	5.6	9.5	35	44.8
I035807		60	5.0	10.2	26	47.7
I035808		56	3.9	10.4	27	43.6
I035809		56	4.2	10.1	23	39.6
I035810		56	3.9	9.1	29	39.3
I035811		58	3.3	9.1	130	42.2
I035812		59	3.7	9.3	26	44.0
I035813		57	3.5	9.3	25	44.0
I035814		58	2.4	9.9	28	43.1
I035815		53	3.1	6.7	22	37.4
I035816		54	4.3	9.2	25	39.2
I035817		54	4.0	9.9	22	39.9
I035818		55	4.4	10.0	23	39.8
I035819		338	32.7	21.5	484	46.8
I035820		3	0.1	0.9	15	0.5
I035821		57	4.5	8.6	24	50.8
I035822		55	5.8	8.6	37	46.2
I035823		55	5.7	7.1	23	45.8
I035824		57	5.4	8.7	156	49.2
I035825		54	3.6	8.1	19	39.9
I035826		55	3.7	8.1	27	43.1
I035827		58	4.6	9.2	40	43.9
I035828		57	3.3	9.2	34	44.3
I035829		56	3.9	8.6	27	43.7
I035830		57	5.2	9.3	28	44.4



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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-ICP22 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
I035831		4.49	0.094	2.78	7.30	475	950	1.51	1.10	2.66	29.0	31.7	4.9	14	8.48	73.7
I035832		4.47	0.047	0.25	7.64	25.6	1240	1.70	1.01	2.42	0.37	47.1	5.4	14	4.76	30.3
I035833		3.99	0.026	0.24	7.97	22.5	1520	1.73	0.99	2.27	0.44	53.5	8.7	17	6.22	11.5
I035834		3.80	0.032	0.56	7.53	12.9	1350	1.58	1.13	2.22	0.32	46.4	7.8	14	5.21	171.0
I035835		4.44	0.035	0.43	7.63	90.4	1020	1.68	1.60	2.38	0.30	54.0	7.9	12	4.29	43.5
I035836		3.91	0.077	0.91	7.59	16.7	1230	1.68	1.21	2.21	0.35	55.2	7.4	12	4.28	69.6
I035837		4.23	0.019	0.22	7.55	10.6	1380	1.58	0.73	2.13	0.22	24.0	5.0	14	3.70	48.2
I035838		3.85	0.041	0.21	7.50	7.9	1120	1.84	0.73	1.94	0.13	94.9	6.8	16	4.37	90.9
I035839		3.80	0.035	0.20	7.47	7.8	1230	1.55	0.68	2.00	0.14	65.3	8.7	13	3.83	91.6
I035840		4.23	0.325	6.24	7.78	945	1500	1.69	0.58	2.29	6.33	43.0	5.8	13	4.38	48.1
I035841		3.73	0.009	0.17	7.71	6.2	1370	1.58	0.52	2.38	0.15	23.2	4.9	14	4.42	21.2
I035842		5.12	0.049	0.46	7.79	15.0	1200	1.56	1.19	2.34	0.33	49.5	6.3	14	4.20	124.5
I035843		3.95	0.200	9.15	7.35	1875	1790	1.50	0.63	2.87	10.90	47.5	5.9	12	5.82	99.6
I035844		4.76	0.429	4.45	7.47	2470	1140	1.63	0.70	2.58	2.61	50.7	5.5	12	6.65	100.5
I035845		3.92	0.015	0.29	7.51	17.2	1610	1.64	0.66	2.65	0.17	51.5	5.2	13	5.49	24.2
I035846		4.31	0.027	0.20	7.68	10.9	1040	1.91	0.90	2.27	0.14	59.0	6.9	14	4.54	40.5
I035847		4.09	0.038	0.53	7.88	179.5	1160	1.60	0.73	2.22	2.02	50.7	6.7	12	4.23	20.1
I035848		4.94	0.055	3.66	7.57	273	1430	1.67	0.72	2.33	3.74	42.7	5.7	13	4.36	71.9
I035849		4.11	0.043	1.71	7.32	127.5	1290	1.64	1.55	2.56	1.98	46.9	6.8	14	5.48	152.5
I035850		4.64	0.026	0.73	7.48	38.9	1030	1.64	1.92	2.27	0.30	45.7	8.4	12	4.34	126.0
I035851		1.89	0.031	1.62	7.80	30.7	1100	1.60	0.75	2.35	3.33	59.6	6.1	13	4.31	118.0
I035852		2.36	0.109	5.48	7.86	457	1090	1.61	0.82	2.52	18.60	64.6	7.2	14	4.58	160.0
I035853		0.05	1.125	0.83	2.38	267	130	1.14	7.99	17.55	2.21	32.8	4.4	40	6.81	81.5
I035854		2.13	0.001	0.07	0.10	<5	20	<0.05	0.06	21.0	0.09	1.50	0.8	<1	0.27	2.7
I035855		4.48	0.025	0.44	7.67	52.7	1080	1.54	0.89	2.29	0.86	39.8	5.6	12	4.06	37.1
I035856		4.33	0.044	2.30	7.52	37.9	960	1.60	1.72	2.45	5.51	43.7	8.2	11	4.50	224
I035857		4.52	0.060	5.00	7.50	131.5	1040	1.31	1.58	2.51	12.55	31.6	7.4	11	5.24	82.0
I035858		4.62	0.027	0.42	7.76	10.1	1770	1.54	0.63	2.37	0.21	42.4	7.2	13	3.57	94.8
I035859		4.36	0.048	0.53	7.68	14.8	1120	1.80	0.84	2.44	0.24	28.7	7.3	12	4.27	169.0
I035860		3.93	0.039	0.22	7.43	6.7	1220	1.68	0.51	1.97	0.12	42.0	7.5	15	2.98	90.5
I035861		5.10	0.018	0.13	7.54	6.3	1260	1.69	0.46	2.23	0.15	50.9	5.7	15	3.29	37.3
I035862		4.53	0.012	0.13	7.52	5.6	1240	1.67	0.49	2.06	0.15	47.2	4.8	14	3.37	32.0
I035863		3.36	0.034	0.44	7.83	8.6	820	1.65	0.74	2.31	1.35	33.3	7.6	13	4.33	55.5
I035864		4.76	0.014	0.20	7.86	5.1	820	1.77	0.44	2.39	0.36	36.7	4.6	13	4.13	80.6
I035865		4.45	0.090	5.33	7.11	361	510	1.74	1.29	2.87	7.41	48.9	5.5	19	4.43	36.1
I035866		4.01	0.031	0.84	7.04	120.5	1100	1.36	2.00	2.60	1.29	15.80	4.2	30	5.25	16.1
I035867		4.25	0.106	2.17	7.20	379	970	1.43	2.20	3.36	4.24	26.7	3.6	31	5.20	20.4
I035868		3.19	0.024	0.50	7.79	55.3	450	1.50	1.94	2.58	0.35	17.80	5.6	37	4.06	96.1
I035869		4.47	0.016	0.40	7.52	22.8	680	2.21	1.16	2.63	0.18	25.6	5.8	14	4.52	42.4
I035870		4.48	0.032	0.32	7.44	8.4	890	1.89	0.84	2.57	0.21	61.8	8.4	16	3.26	96.0



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Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 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
I035831		2.27	20.8	0.13	1.7	0.282	2.55	15.7	13.8	0.76	166	4.99	1.96	5.2	4.8	630
I035832		2.40	18.95	0.15	1.5	0.021	2.26	20.5	15.1	0.80	126	2.78	2.72	5.2	5.3	640
I035833		2.62	19.80	0.12	1.5	0.017	2.55	24.0	16.5	0.78	128	3.68	2.73	6.0	5.8	620
I035834		2.65	18.40	0.14	1.4	0.027	2.67	20.3	19.3	0.69	113	13.25	2.10	5.2	4.0	610
I035835		2.65	18.10	0.13	1.4	0.016	2.48	24.3	11.8	0.77	114	1.53	2.30	5.6	4.3	600
I035836		2.57	18.30	0.15	1.3	0.019	2.71	24.9	12.0	0.79	112	2.52	2.34	5.4	3.9	600
I035837		1.97	17.95	0.12	1.3	0.018	2.64	11.1	11.1	0.74	110	2.42	2.62	6.0	3.5	600
I035838		2.45	18.20	0.18	1.2	0.022	2.41	44.3	11.8	0.80	102	3.88	2.74	5.9	4.1	590
I035839		2.33	18.85	0.17	1.3	0.016	2.50	27.8	14.9	0.79	102	1.09	2.80	5.8	3.8	610
I035840		2.10	18.25	0.16	1.2	0.019	2.43	18.8	14.5	0.82	111	1.87	2.59	5.5	4.2	620
I035841		1.78	17.20	0.13	1.5	0.009	2.75	10.4	14.5	0.81	106	10.60	2.57	5.5	3.3	620
I035842		2.50	19.30	0.15	1.4	0.019	2.56	20.9	14.2	0.79	109	19.50	2.37	5.9	4.4	630
I035843		2.34	18.20	0.15	1.3	0.058	2.62	20.6	20.8	0.74	142	3.16	1.74	5.9	4.1	620
I035844		2.35	18.35	0.12	1.4	0.027	2.72	22.4	25.6	0.66	153	2.24	1.66	5.5	3.6	620
I035845		2.24	19.45	0.14	1.4	0.016	2.40	21.3	20.2	0.75	134	1.63	2.27	5.4	4.0	630
I035846		2.75	18.45	0.14	1.3	0.015	2.11	26.2	14.1	0.80	123	4.20	2.68	5.6	4.4	620
I035847		2.58	18.65	0.16	1.4	0.017	2.43	22.2	13.0	0.81	119	2.39	2.78	5.1	4.2	620
I035848		2.32	17.75	0.14	1.4	0.034	2.38	18.0	14.0	0.79	109	1.39	2.47	5.7	4.2	610
I035849		2.61	18.85	0.14	1.4	0.037	2.75	20.1	16.5	0.67	123	6.47	1.95	5.9	3.9	600
I035850		2.92	18.30	0.14	1.4	0.023	2.51	20.2	12.8	0.73	105	3.99	2.28	5.2	3.9	590
I035851		2.36	19.05	0.15	1.6	0.027	2.44	26.4	14.6	0.78	110	12.05	2.73	5.7	4.1	620
I035852		2.61	19.05	0.16	1.4	0.065	2.55	28.1	14.4	0.77	120	13.05	2.59	5.4	4.2	630
I035853		2.56	9.78	0.15	1.1	0.634	0.72	21.1	12.5	3.43	1650	75.5	0.01	4.9	80.5	1110
I035854		0.48	0.26	0.11	<0.1	0.005	0.04	0.7	1.2	12.60	198	0.25	0.01	0.3	1.6	170
I035855		2.42	17.55	0.15	1.2	0.014	2.86	17.5	13.9	0.71	82	5.97	2.29	4.6	3.7	600
I035856		2.50	17.55	0.16	1.2	0.065	3.20	18.4	11.8	0.69	108	8.88	1.90	4.9	4.0	590
I035857		2.45	17.50	0.12	1.5	0.084	2.44	14.7	39.2	0.63	112	8.64	1.26	5.9	3.9	600
I035858		2.13	18.70	0.15	1.9	0.012	2.36	18.8	14.6	0.72	100	16.45	2.76	5.5	4.0	600
I035859		2.45	18.40	0.14	1.3	0.020	2.56	13.7	9.0	0.78	95	3.45	2.41	4.5	4.3	600
I035860		2.27	17.55	0.13	1.5	0.011	2.52	18.3	12.6	0.86	101	5.47	2.75	5.7	4.1	620
I035861		1.94	18.00	0.14	1.4	0.008	2.45	22.5	10.5	0.79	108	12.25	2.81	6.0	4.4	630
I035862		1.86	18.10	0.14	1.3	0.008	2.51	21.2	10.8	0.82	84	5.84	2.88	5.9	4.0	630
I035863		2.65	18.75	0.14	2.0	0.009	1.94	15.5	12.1	0.89	101	6.28	2.98	5.6	4.9	570
I035864		1.77	20.0	0.15	1.3	0.009	1.35	16.1	15.4	0.88	92	8.80	3.45	6.4	5.1	640
I035865		2.40	18.20	0.15	1.5	0.019	1.68	21.0	16.5	0.69	117	5.75	2.18	4.9	5.3	600
I035866		2.46	18.65	0.14	1.8	0.015	3.62	6.5	9.4	1.01	189	1.72	0.75	4.5	9.9	580
I035867		2.56	18.90	0.16	2.1	0.026	3.66	10.7	10.2	0.91	220	1.60	0.77	4.4	9.8	610
I035868		3.67	19.85	0.13	1.9	0.027	3.03	9.4	13.3	1.07	112	16.65	1.79	4.6	12.9	630
I035869		2.49	21.4	0.10	1.6	0.016	1.73	12.4	13.3	0.83	90	24.5	2.64	6.6	5.5	600
I035870		2.51	19.65	0.13	1.6	0.030	1.23	31.7	10.2	0.83	101	7.91	3.30	6.4	4.8	630



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Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
I035831		457	123.0	<0.002	1.86	7.93	7.2	2	3.9	601	0.38	0.10	8.1	0.206	1.30	3.5
I035832		18.5	86.6	0.003	1.53	2.72	6.4	2	1.8	893	0.42	0.09	8.7	0.204	0.85	3.7
I035833		18.2	118.0	0.004	1.87	2.01	6.6	2	2.1	1285	0.46	0.09	9.5	0.224	1.03	3.4
I035834		35.3	111.0	0.005	1.96	4.53	6.2	3	1.9	2080	0.41	0.10	8.8	0.209	0.95	4.1
I035835		17.8	123.5	0.004	2.10	3.57	6.0	2	2.2	845	0.44	0.11	9.1	0.211	0.98	3.6
I035836		15.2	122.5	0.005	2.13	3.56	6.5	2	1.9	592	0.43	0.11	8.9	0.203	0.92	3.6
I035837		11.8	103.0	0.004	1.21	1.10	5.8	2	1.9	642	0.45	0.07	8.3	0.221	0.87	5.2
I035838		11.3	91.5	0.003	1.58	1.26	6.1	2	1.5	689	0.43	0.08	9.2	0.220	0.79	3.3
I035839		11.7	87.4	0.003	1.35	1.29	6.0	2	1.3	743	0.43	<0.05	8.8	0.218	0.80	3.8
I035840		971	101.0	0.003	1.06	440	6.1	1	1.6	1445	0.43	<0.05	9.0	0.215	0.79	3.7
I035841		13.0	89.9	0.009	1.11	5.28	5.8	1	1.8	1095	0.48	0.05	8.6	0.224	0.83	3.2
I035842		13.9	108.0	0.006	1.89	6.84	6.3	2	3.5	611	0.43	0.13	9.0	0.224	0.83	3.7
I035843		368	112.0	0.004	1.37	91.7	6.0	2	2.8	539	0.47	0.10	7.7	0.227	1.02	2.9
I035844		187.0	116.0	0.003	1.38	77.8	6.0	1	2.2	442	0.43	0.09	7.8	0.221	1.08	3.3
I035845		11.8	99.0	0.003	1.17	4.24	6.7	1	1.9	705	0.39	0.07	8.2	0.210	0.84	3.6
I035846		12.3	97.3	0.004	1.63	2.39	6.5	1	1.6	648	0.41	0.11	9.2	0.215	0.85	3.4
I035847		49.0	104.0	0.003	1.48	3.39	6.3	2	1.7	703	0.40	0.10	9.3	0.210	0.89	3.7
I035848		89.1	105.5	0.003	1.59	28.0	6.0	1	2.8	1140	0.47	0.07	8.6	0.222	0.85	3.2
I035849		79.3	128.5	0.003	2.09	21.4	6.0	2	5.2	530	0.44	0.08	8.3	0.215	1.01	3.1
I035850		16.6	116.5	0.003	2.33	5.27	6.0	2	5.7	904	0.41	0.17	8.4	0.213	0.92	3.1
I035851		202	100.0	0.003	1.65	32.1	6.4	2	2.6	874	0.46	0.14	8.8	0.231	0.88	3.2
I035852		938	117.0	0.006	2.01	141.0	6.3	2	2.8	1010	0.45	0.12	9.0	0.225	0.87	3.4
I035853		21.1	64.6	0.050	0.95	12.00	4.2	4	5.8	218	0.33	0.46	4.7	0.122	1.42	15.8
I035854		3.2	2.0	0.003	0.03	0.37	0.2	<1	0.2	45.1	<0.05	<0.05	<0.2	<0.005	0.02	0.5
I035855		50.6	111.0	0.005	2.25	16.90	5.7	2	2.7	674	0.36	0.15	8.4	0.180	0.84	4.3
I035856		174.0	133.0	0.005	2.49	26.2	5.5	3	5.0	539	0.38	0.50	7.9	0.193	0.93	3.2
I035857		664	93.1	0.004	1.89	97.1	5.5	2	2.6	321	0.47	0.42	8.3	0.224	0.77	3.9
I035858		12.2	89.2	0.007	1.45	12.80	6.1	1	2.1	895	0.45	<0.05	8.4	0.218	0.71	3.2
I035859		15.9	113.5	0.002	2.22	5.94	6.0	2	2.7	774	0.36	0.06	8.5	0.172	0.85	4.3
I035860		11.0	92.3	0.003	1.44	3.50	6.0	2	1.8	751	0.46	0.07	9.1	0.228	0.74	4.2
I035861		10.9	93.5	0.006	1.18	2.83	5.8	2	1.8	731	0.48	0.09	9.0	0.224	0.86	3.2
I035862		12.2	97.1	0.003	1.47	3.97	6.0	1	2.3	704	0.49	<0.05	9.0	0.224	0.76	4.0
I035863		74.5	92.9	0.006	2.31	16.00	6.3	3	2.0	618	0.47	0.06	9.1	0.216	0.67	4.0
I035864		11.8	70.8	0.005	1.27	9.21	6.5	2	2.1	763	0.49	<0.05	9.1	0.235	0.45	4.3
I035865		184.5	84.4	0.003	2.37	59.8	6.1	2	4.7	1080	0.38	0.31	7.7	0.196	0.64	4.6
I035866		33.0	147.0	0.003	2.41	8.61	6.3	2	4.1	399	0.35	0.62	8.1	0.183	1.01	2.8
I035867		123.0	140.0	0.003	2.64	18.45	6.6	1	3.5	310	0.40	0.99	8.3	0.186	1.03	2.7
I035868		14.1	130.0	0.002	3.81	6.68	7.8	2	4.6	512	0.37	0.48	7.6	0.197	0.93	5.2
I035869		10.5	100.0	0.009	2.29	4.78	7.2	2	4.3	608	0.51	0.13	8.6	0.217	0.73	3.8
I035870		10.4	62.1	0.003	2.01	2.57	6.8	3	2.4	827	0.53	0.09	7.9	0.236	0.58	3.2



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Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
I035831		55	3.4	9.2	1450	44.7
I035832		57	3.4	10.3	37	43.6
I035833		57	4.2	11.5	43	45.6
I035834		55	5.2	10.6	34	41.5
I035835		54	4.2	10.7	33	39.2
I035836		55	4.2	11.6	34	41.2
I035837		52	4.2	10.4	29	38.6
I035838		55	3.1	14.8	24	35.9
I035839		55	2.2	13.7	23	37.0
I035840		55	2.1	7.9	364	36.0
I035841		54	3.6	8.1	24	39.3
I035842		58	3.7	11.8	33	45.1
I035843		57	3.5	10.1	695	39.4
I035844		58	3.8	9.5	195	40.9
I035845		55	3.1	11.5	26	44.9
I035846		55	3.1	11.1	26	41.3
I035847		55	2.2	10.9	118	39.7
I035848		55	2.3	10.1	210	40.8
I035849		53	2.7	10.6	115	40.0
I035850		55	3.6	11.2	30	41.7
I035851		58	2.8	12.2	186	41.4
I035852		58	3.0	12.1	999	42.6
I035853		326	30.1	23.8	449	48.1
I035854		4	0.1	1.0	16	0.5
I035855		52	6.3	8.6	58	36.6
I035856		53	7.5	9.0	291	34.8
I035857		53	4.8	8.5	643	46.5
I035858		54	3.5	10.3	25	55.0
I035859		53	5.7	9.0	25	41.7
I035860		56	2.0	11.0	21	39.7
I035861		55	3.1	11.3	20	39.9
I035862		56	4.1	11.9	22	40.1
I035863		56	4.1	12.1	101	61.9
I035864		59	3.2	10.1	30	42.9
I035865		56	8.1	8.4	564	44.7
I035866		58	6.5	9.3	80	59.1
I035867		61	8.6	7.9	255	59.4
I035868		66	5.7	7.5	34	54.8
I035869		54	4.8	13.0	19	42.3
I035870		58	3.6	11.8	25	41.6



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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-ICP22 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
I035871		3.42	0.022	0.22	7.57	15.7	1040	1.93	0.71	2.70	0.11	97.2	6.3	17	3.34	45.2
I035872		4.10	0.024	0.26	7.60	9.5	1030	1.83	0.53	2.98	0.17	81.3	5.4	15	3.84	44.2
I035873		3.89	0.012	0.95	8.07	24.8	940	1.76	5.45	2.77	0.17	14.65	2.9	13	4.61	57.7
I035874		4.15	0.024	0.81	7.84	83.0	950	2.14	7.15	2.97	0.28	17.60	1.6	12	5.19	46.7
I035875		3.85	0.022	0.58	7.72	46.9	1640	2.07	5.54	2.86	0.13	29.3	2.1	13	5.86	13.2
I035876		4.73	1.750	25.9	7.87	7370	910	1.99	0.48	2.58	49.8	35.5	6.0	14	9.08	118.0
I035877		3.53	0.479	8.90	7.78	2370	410	2.00	0.47	2.27	35.9	45.7	6.2	23	13.70	139.5
I035878		3.90	0.944	5.96	7.99	3900	130	1.89	0.66	3.19	13.05	51.8	7.1	13	13.30	64.7
I035879		4.58	1.770	37.8	7.52	8050	270	1.89	1.46	3.24	64.2	48.6	5.5	11	11.50	122.5
I035880		4.18	0.117	5.45	8.59	508	220	1.67	0.72	3.43	13.55	46.1	5.7	13	8.76	80.9
I035881		3.38	0.016	0.73	8.10	30.8	130	1.43	0.90	2.39	0.15	43.7	6.4	12	8.45	185.0
I035882		4.03	0.024	0.90	8.12	32.6	300	1.66	0.61	2.51	0.20	34.2	7.7	13	8.17	278
I035883		3.89	0.018	1.10	7.58	23.3	880	1.67	0.49	3.35	0.17	43.0	6.0	12	9.82	188.5
I035884		3.74	0.021	0.43	8.37	18.9	660	1.70	0.74	3.56	0.14	50.3	7.9	12	5.96	102.0
I035885		3.71	0.013	0.30	7.68	15.9	2360	1.53	0.47	2.37	0.13	35.5	6.8	11	3.98	158.0
I035886		4.00	0.015	0.73	7.49	10.4	1950	1.54	0.38	2.62	1.14	33.6	7.3	13	4.80	120.5
I035887		2.85	0.019	0.43	7.48	18.5	460	1.52	1.65	3.06	0.10	37.4	4.1	13	4.83	128.0
I035888		2.84	0.019	0.50	7.87	11.7	380	1.77	0.74	2.93	0.17	33.4	6.8	15	4.88	217
I035889		2.06	0.012	0.32	7.57	12.3	670	1.79	0.76	3.24	0.12	36.0	4.5	13	6.29	29.2
I035890		1.98	0.009	0.40	7.84	13.0	820	1.54	0.80	3.09	0.10	42.4	4.0	12	6.39	31.1
I035891		0.06	1.140	0.76	2.50	297	140	1.10	7.50	18.40	2.03	27.8	4.3	41	6.30	76.1
I035892		1.71	0.002	0.11	0.13	<5	40	0.09	0.04	21.6	0.06	1.28	0.7	<1	0.22	2.8
I035893		3.77	0.013	0.25	7.95	5.5	420	1.47	0.74	3.41	0.25	23.3	3.9	13	4.28	14.2
I035894		4.03	0.017	0.22	7.50	8.1	2240	1.55	0.41	3.41	0.11	30.4	4.8	12	5.19	99.6
I035895		4.27	0.007	0.21	7.40	16.5	1260	1.80	0.23	3.89	0.12	37.0	2.7	12	7.79	10.8
I035896		3.57	0.009	0.22	7.42	12.3	1150	1.55	0.33	4.14	0.08	37.6	4.3	11	6.43	12.4
I035897		3.64	0.009	0.16	7.01	13.9	130	1.46	0.33	3.71	0.11	25.2	4.2	12	4.92	29.2
I035898		4.08	0.022	0.27	7.56	18.3	720	1.85	0.78	2.98	0.13	37.8	9.3	14	5.48	131.5
I035899		3.50	0.031	0.41	7.77	9.7	760	1.68	0.71	2.62	0.15	37.4	8.1	14	4.19	83.2
I035900		4.36	0.019	0.46	7.44	12.3	1620	1.39	0.57	2.76	0.13	34.0	6.1	14	3.76	60.0
I035901		4.58	0.027	0.33	7.45	10.7	530	1.46	0.69	2.99	0.18	26.5	7.6	13	4.98	61.0
I035902		3.52	0.015	0.18	7.87	7.6	1440	1.12	0.28	2.53	0.08	36.2	4.2	16	4.13	40.4
I035903		3.42	0.029	0.25	7.89	23.3	1380	1.92	0.59	2.96	0.13	48.2	5.1	13	5.36	86.0
I035904		4.26	0.028	0.12	7.29	12.3	1230	1.55	0.49	2.57	0.12	40.3	7.0	14	5.16	87.3
I035905		4.03	0.016	0.11	6.70	14.7	1480	1.43	0.66	3.57	0.10	45.0	6.5	13	5.13	26.7
I035906		3.67	0.022	0.24	6.69	20.3	1290	1.47	0.96	2.88	0.10	37.5	8.1	12	4.24	156.0
I035907		3.96	0.048	0.27	7.30	12.7	1190	1.56	0.51	2.29	0.29	47.5	7.2	14	4.03	161.0
I035908		3.79	0.023	0.54	6.39	35.1	1350	1.56	0.58	2.16	0.24	36.5	6.2	14	3.26	131.0
I035909		3.91	0.018	0.40	7.39	20.3	1350	1.56	0.59	2.09	0.39	41.7	7.8	15	2.07	86.8
I035910		3.69	0.057	0.13	7.39	308	1330	1.65	0.41	2.28	0.14	40.5	7.0	16	2.77	123.0



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Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 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
I035871		2.27	21.1	0.13	1.5	0.018	1.00	54.1	10.8	0.78	99	3.53	3.56	6.6	4.6	640
I035872		1.77	22.0	0.15	1.6	0.011	1.15	44.5	12.8	0.79	103	13.40	3.34	6.5	4.8	610
I035873		2.02	19.10	0.12	1.5	0.015	2.01	7.6	13.3	0.60	125	10.35	2.86	4.9	2.9	610
I035874		1.79	21.6	0.09	1.5	0.017	1.95	8.7	25.8	0.63	125	13.15	2.54	5.3	3.3	620
I035875		1.60	20.1	0.10	1.5	0.009	1.73	14.3	13.7	0.83	149	7.19	2.72	5.8	3.7	640
I035876		2.21	23.8	0.10	1.8	0.048	2.15	16.9	30.6	0.79	191	13.75	1.85	7.2	5.7	640
I035877		1.97	21.8	0.14	1.5	0.110	2.68	24.4	87.1	1.01	202	7.31	0.10	6.3	5.1	640
I035878		2.55	19.60	0.14	1.5	0.021	2.41	30.1	13.6	1.07	225	7.22	0.03	5.7	5.3	670
I035879		2.62	22.0	0.12	1.7	0.097	2.41	26.8	17.3	0.95	187	5.11	0.03	6.1	5.0	620
I035880		2.17	19.80	0.14	1.5	0.036	1.94	26.4	18.1	0.94	180	3.33	0.03	6.0	5.0	680
I035881		2.04	18.20	0.12	1.4	0.016	1.84	23.3	27.0	0.88	165	16.80	0.04	5.1	4.5	670
I035882		2.12	18.85	0.10	1.4	0.019	1.99	17.0	31.5	0.89	181	18.20	0.05	5.5	4.6	700
I035883		1.98	18.00	0.11	1.4	0.016	1.95	24.0	25.0	0.99	203	26.9	0.04	4.7	3.9	640
I035884		2.29	19.50	0.15	1.7	0.016	1.87	27.5	121.0	0.94	198	11.85	0.46	6.4	4.4	660
I035885		2.02	19.40	0.14	1.5	0.012	2.79	17.8	56.8	0.66	135	19.90	1.40	6.1	4.1	550
I035886		1.98	18.40	0.14	1.5	0.015	2.74	16.6	45.7	0.67	125	11.20	1.62	5.9	4.2	570
I035887		2.07	17.40	0.11	1.3	0.020	1.86	18.1	45.7	0.67	103	15.70	0.96	4.3	4.0	620
I035888		2.21	20.5	0.12	1.4	0.022	1.65	15.8	18.2	0.78	94	10.15	2.69	4.1	4.6	660
I035889		2.02	20.3	0.12	1.4	0.009	2.18	16.0	56.7	0.72	196	31.7	1.28	4.6	3.6	660
I035890		1.95	19.60	0.13	1.4	0.010	2.13	19.1	63.5	0.76	219	28.8	1.27	4.4	3.3	630
I035891		2.75	9.50	0.13	1.2	0.702	0.77	20.0	12.3	3.74	1850	74.3	<0.01	4.9	72.8	1190
I035892		0.44	0.39	0.05	<0.1	<0.005	0.05	0.7	2.0	13.65	204	0.25	<0.01	0.3	1.5	200
I035893		3.08	18.00	0.12	1.4	0.010	2.09	11.0	23.4	0.71	101	17.30	2.08	4.4	3.6	640
I035894		1.71	17.85	0.15	1.5	0.008	1.61	13.6	50.7	0.86	95	39.7	2.22	4.8	5.5	610
I035895		1.28	18.45	0.12	1.5	0.007	1.39	16.7	82.0	0.78	150	20.4	1.43	5.6	3.5	630
I035896		1.56	17.70	0.15	1.4	0.005	1.88	18.1	9.6	0.73	172	20.4	0.33	5.4	4.3	610
I035897		1.19	16.70	0.11	1.4	0.007	0.92	11.6	8.7	0.65	151	3.89	0.04	5.7	5.1	620
I035898		2.23	20.4	0.13	1.6	0.020	1.28	21.6	11.5	0.75	129	9.18	1.72	6.4	5.5	640
I035899		2.52	17.70	0.14	1.4	0.012	2.47	19.6	20.1	0.78	112	37.5	2.18	5.0	4.4	620
I035900		1.95	17.45	0.14	1.4	0.012	2.55	16.2	21.7	0.77	113	6.21	2.16	4.3	3.8	620
I035901		3.17	16.95	0.13	1.4	0.013	2.73	13.0	23.8	0.69	122	12.65	1.96	4.4	4.0	610
I035902		1.75	15.00	0.14	1.2	0.014	2.72	18.6	11.3	0.83	134	9.28	2.65	4.4	3.6	640
I035903		1.92	20.8	0.13	1.7	0.014	2.76	26.7	21.5	0.83	145	8.43	1.88	6.3	4.6	640
I035904		2.05	18.30	0.12	1.6	0.017	2.28	20.9	17.8	0.78	139	12.40	2.43	6.7	6.3	640
I035905		2.33	17.05	0.14	1.5	0.011	2.65	24.0	18.9	0.73	165	15.55	1.89	6.3	5.1	600
I035906		2.11	17.80	0.13	1.5	0.019	2.14	19.4	17.1	0.77	131	43.4	2.01	6.8	5.0	600
I035907		2.29	18.80	0.13	1.5	0.018	2.23	24.9	13.0	0.84	132	20.8	2.61	7.4	5.4	650
I035908		2.03	18.80	0.14	1.5	0.020	2.64	21.8	11.4	0.79	162	10.60	2.50	7.3	5.1	660
I035909		2.37	19.05	0.14	1.5	0.014	2.51	22.0	11.3	0.85	112	16.70	2.71	6.1	5.5	640
I035910		2.05	19.80	0.13	1.5	0.012	2.34	21.1	13.8	0.95	117	13.05	2.84	6.8	5.7	670



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Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
I035871		9.7	52.3	0.003	1.80	2.60	6.6	2	2.7	924	0.51	0.07	7.5	0.243	0.50	3.1
I035872		38.5	57.4	0.005	1.29	4.72	6.7	2	2.5	1170	0.49	0.07	7.9	0.223	0.55	4.1
I035873		9.3	95.7	0.003	2.03	11.90	5.5	1	4.4	623	0.37	0.13	8.0	0.193	0.84	5.7
I035874		15.7	112.5	0.004	1.71	17.85	6.5	1	11.5	571	0.39	0.11	8.7	0.204	0.87	5.4
I035875		14.6	87.1	0.004	1.10	8.14	6.3	1	6.0	666	0.48	0.05	7.6	0.233	0.85	5.0
I035876		1655	143.5	0.003	1.69	798	7.1	1	4.3	450	0.55	0.05	8.6	0.240	1.43	4.3
I035877		1260	156.5	0.003	1.44	183.0	6.9	4	2.7	276	0.48	0.06	8.2	0.220	1.26	3.5
I035878		384	141.5	0.002	2.00	137.5	6.6	2	2.5	312	0.42	0.07	8.4	0.222	1.06	3.8
I035879		1875	151.5	<0.002	2.12	325	6.9	3	5.5	291	0.48	0.05	8.7	0.216	1.33	4.4
I035880		426	109.5	<0.002	1.33	159.5	6.7	2	3.5	298	0.49	<0.05	9.1	0.239	0.81	4.2
I035881		8.8	101.5	0.010	1.47	58.8	6.1	3	2.9	280	0.37	<0.05	8.4	0.216	0.68	3.8
I035882		9.4	79.1	0.007	1.57	97.4	6.3	3	1.9	376	0.40	0.07	7.1	0.227	0.71	3.7
I035883		8.4	104.5	0.011	1.44	77.8	6.2	2	1.8	422	0.36	0.05	8.2	0.188	0.82	4.3
I035884		11.6	80.8	0.005	1.09	14.80	6.6	1	1.6	984	0.49	0.06	9.1	0.227	0.64	4.1
I035885		11.5	94.8	0.008	1.04	5.44	5.4	1	1.3	716	0.47	0.05	7.1	0.207	0.75	4.3
I035886		17.3	97.6	0.005	1.25	8.24	5.4	1	1.9	665	0.46	0.05	6.7	0.204	0.86	4.3
I035887		7.5	80.5	0.007	1.75	9.37	5.3	2	2.7	412	0.34	0.11	6.9	0.182	0.73	3.2
I035888		8.8	72.0	0.003	2.10	14.90	6.1	1	2.2	836	0.32	0.08	6.9	0.167	0.67	3.4
I035889		5.8	95.9	0.013	2.12	13.60	5.7	1	4.4	436	0.34	0.10	6.6	0.180	0.89	2.7
I035890		6.6	112.5	0.008	1.98	14.80	5.9	2	4.5	433	0.34	0.05	7.5	0.171	0.85	3.0
I035891		19.0	58.2	0.057	1.02	10.80	4.0	4	5.6	229	0.34	0.43	4.2	0.131	1.61	15.1
I035892		1.6	1.8	0.002	0.02	0.05	0.2	<1	0.2	46.5	<0.05	<0.05	0.3	0.005	0.03	0.5
I035893		8.8	98.2	0.008	3.36	4.11	5.8	2	4.6	581	0.34	0.09	7.1	0.183	0.76	2.9
I035894		11.0	61.2	0.023	1.33	6.71	6.0	2	2.2	651	0.39	0.07	7.3	0.203	0.63	3.2
I035895		8.2	50.5	0.005	0.61	7.41	6.1	1	1.8	500	0.45	<0.05	6.8	0.233	0.57	3.3
I035896		7.7	65.6	0.010	0.93	10.30	5.7	1	1.8	389	0.42	<0.05	6.8	0.214	0.66	3.3
I035897		9.2	25.1	0.002	0.47	9.93	5.6	1	1.5	301	0.43	0.07	5.9	0.228	0.37	3.3
I035898		9.5	60.0	0.006	1.48	5.90	6.8	2	2.4	737	0.48	0.09	7.8	0.228	0.64	4.2
I035899		10.1	112.5	0.017	2.29	2.98	6.1	2	2.7	848	0.38	0.06	7.4	0.199	0.88	3.2
I035900		9.5	87.0	0.002	1.53	5.31	5.4	2	2.3	694	0.34	0.05	6.1	0.192	0.79	3.9
I035901		9.1	103.5	0.009	2.94	6.39	5.6	2	2.1	594	0.33	0.12	6.4	0.182	0.93	3.8
I035902		8.1	76.6	0.004	0.84	1.72	5.1	1	1.1	2230	0.33	<0.05	6.0	0.229	0.72	2.7
I035903		10.6	108.0	0.007	1.04	5.47	6.9	2	2.6	1080	0.50	<0.05	8.2	0.226	1.06	4.3
I035904		13.2	85.6	0.004	1.27	3.78	6.9	2	1.5	1310	0.49	0.07	8.5	0.230	1.04	3.4
I035905		11.5	97.3	0.007	2.01	7.71	6.6	2	3.2	1300	0.47	0.09	7.9	0.209	1.14	2.6
I035906		11.1	77.9	0.013	1.28	10.65	6.8	2	2.5	862	0.49	0.09	7.8	0.221	0.88	3.5
I035907		10.7	89.2	0.008	1.33	10.20	7.6	3	1.7	975	0.53	0.09	9.5	0.241	0.95	3.4
I035908		20.1	86.8	0.003	1.07	7.20	6.7	2	3.1	661	0.52	0.05	7.9	0.243	1.03	3.7
I035909		12.6	94.4	0.005	1.94	1.60	7.5	3	2.4	921	0.41	0.09	9.2	0.204	0.92	3.6
I035910		12.6	80.4	0.004	1.27	1.80	7.4	2	1.8	785	0.47	0.05	8.7	0.230	0.91	2.9



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Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
I035871		59	2.9	15.0	23	41.2
I035872		55	4.0	13.0	23	42.7
I035873		48	7.6	5.4	18	39.4
I035874		51	5.9	6.8	22	39.8
I035875		59	3.3	8.4	21	38.6
I035876		58	4.6	9.1	3000	48.3
I035877		56	5.4	10.2	2070	39.1
I035878		58	5.4	10.6	885	38.7
I035879		55	6.2	11.0	3650	44.0
I035880		61	4.8	10.5	872	40.0
I035881		59	6.4	10.4	26	38.5
I035882		60	6.4	10.0	33	38.3
I035883		54	5.9	9.7	27	36.5
I035884		55	3.6	11.5	27	41.6
I035885		48	2.3	8.8	24	37.0
I035886		50	2.4	8.4	112	37.0
I035887		49	3.5	7.7	20	34.5
I035888		59	3.1	7.6	27	37.9
I035889		55	5.5	8.0	18	38.4
I035890		53	5.2	8.3	16	37.5
I035891		346	30.3	20.8	493	43.2
I035892		3	0.1	0.9	15	0.5
I035893		57	8.7	6.1	22	37.8
I035894		56	3.6	8.7	20	39.1
I035895		60	4.0	8.2	21	39.0
I035896		54	3.3	9.9	20	35.6
I035897		55	3.5	7.6	22	36.6
I035898		57	3.7	9.4	26	44.4
I035899		55	4.7	8.2	21	36.7
I035900		57	2.9	7.1	23	34.3
I035901		52	4.7	6.9	20	37.0
I035902		59	1.9	7.9	23	31.5
I035903		58	2.6	10.1	21	43.2
I035904		57	3.7	8.2	24	43.1
I035905		53	2.8	11.8	23	41.1
I035906		53	2.1	11.1	24	41.3
I035907		58	1.9	12.4	41	44.7
I035908		62	2.3	10.1	32	44.7
I035909		56	2.4	12.9	39	46.7
I035910		58	2.1	12.6	26	47.1



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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-ICP22 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
I035911		3.39	0.027	0.44	7.11	153.0	1210	1.48	1.01	2.90	6.77	41.5	7.1	13	4.75	86.6
I035912		4.19	0.390	32.0	7.31	39.6	1270	1.56	1.03	2.50	24.9	43.4	7.2	13	5.47	127.5
I035913		3.86	0.022	1.12	7.21	15.7	1340	1.43	0.81	2.40	2.67	44.7	7.5	12	5.84	174.0
I035914		3.90	0.029	0.41	7.25	31.5	1310	1.47	0.72	2.02	0.24	44.1	7.3	14	4.57	85.2
I035915		3.54	0.034	1.04	7.27	63.8	1200	1.57	0.46	2.36	0.59	43.2	7.9	12	4.32	82.5
I035916		3.62	0.017	0.13	7.47	7.8	1280	1.61	0.45	2.32	0.13	40.2	6.6	14	4.59	112.0
I035917		3.99	0.020	0.10	7.26	52.7	990	1.55	0.49	2.91	0.11	36.8	7.5	13	7.14	45.0
I035918		3.95	0.029	0.61	7.26	104.5	1470	1.52	0.63	2.50	0.74	37.8	7.7	14	7.06	71.9
I035919		3.90	0.071	0.13	7.55	1000	1820	1.63	0.68	2.41	1.14	43.5	8.0	14	4.14	38.4
I035920		3.56	0.015	0.20	7.37	34.9	1750	1.56	1.28	2.50	0.11	44.4	6.9	14	4.01	84.8
I035921		2.35	0.070	0.71	6.94	712	1110	1.61	2.24	2.71	0.36	39.1	7.1	12	4.76	149.0
I035922		4.15	0.009	0.06	7.38	10.8	1810	1.64	0.45	2.42	0.11	42.4	7.4	12	4.41	33.1
I035923		3.99	0.019	0.47	7.21	21.4	1090	1.40	1.04	2.44	0.11	37.6	7.0	12	4.33	283
I035924		4.13	0.042	0.50	7.42	7.3	1360	1.55	0.42	2.26	0.10	43.4	8.7	12	4.13	360
I035925		4.06	0.017	0.21	7.53	7.7	1590	1.63	0.49	2.09	0.17	47.3	6.9	13	4.64	172.5
I035926		4.37	0.026	0.20	7.64	14.8	1360	1.54	0.89	2.51	0.14	45.6	7.1	12	4.99	204
I035927		3.98	0.018	0.15	7.20	19.9	760	1.34	2.12	2.70	0.12	39.6	7.4	11	5.79	69.1
I035928		4.27	0.030	3.03	7.40	22.2	900	1.42	0.97	2.79	4.58	32.2	6.2	9	5.04	168.5
I035929		1.79	0.026	0.17	7.31	8.6	1170	1.49	0.62	2.20	0.09	50.3	7.3	12	6.28	129.5
I035930		2.08	0.033	0.21	7.09	7.1	1540	1.54	0.56	2.20	0.11	44.8	6.8	11	6.27	219
I035931		0.07	1.150	0.66	2.48	283	140	1.12	7.82	17.55	1.96	33.3	4.7	41	7.26	81.8
I035932		2.36	0.001	0.01	0.10	<5	30	0.08	0.05	20.9	0.06	2.07	1.3	<1	0.19	3.9
I035933		4.32	0.022	0.23	7.38	8.2	1230	1.63	0.36	2.72	0.15	43.3	6.9	12	6.62	172.0
I035934		4.03	0.018	0.37	7.25	22.1	1280	1.54	0.48	2.54	0.16	47.8	5.6	13	6.60	143.0
I035936		4.47	0.018	0.16	6.80	25.3	1180	1.48	0.79	2.94	0.14	38.5	8.0	12	5.05	54.1
I035935		4.20	0.010	0.05	7.32	11.9	1270	1.50	0.63	2.46	0.09	45.5	7.1	12	4.48	31.4
I035940		4.12	0.016	0.05	7.42	6.6	1060	1.68	0.64	2.23	0.08	43.3	7.7	15	3.06	35.8
I035937		4.60	0.037	0.98	7.16	30.5	890	1.54	4.58	2.76	0.53	41.1	8.3	11	5.51	108.0
I035938		3.58	0.018	0.11	7.72	11.7	1390	1.64	0.78	2.68	0.12	44.5	7.5	12	7.12	58.0
I035939		4.88	0.056	0.15	7.79	8.7	1190	1.64	1.42	2.30	0.12	49.6	6.8	14	5.15	32.1
I035941		4.38	0.023	0.26	7.50	7.9	1150	1.82	0.80	2.33	1.06	48.4	7.1	14	2.90	88.4
I035942		4.08	0.029	0.19	7.90	5.1	1120	1.48	0.60	2.28	0.12	58.4	7.3	17	3.45	100.0



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Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
I035911		2.93	17.65	0.16	1.4	0.100	2.67	21.9	13.3	0.84	144	8.10	1.91	5.8	5.4	610
I035912		2.32	18.85	0.15	1.5	0.029	2.58	22.9	17.6	0.83	150	5.82	2.20	6.5	5.2	640
I035913		2.39	18.00	0.16	1.4	0.014	3.03	23.9	16.9	0.78	116	99.9	2.04	6.2	5.2	600
I035914		2.47	18.25	0.15	1.5	0.013	2.87	23.0	13.0	0.82	106	12.60	2.42	6.6	5.0	620
I035915		2.08	17.95	0.14	1.4	0.010	2.36	23.1	13.7	0.85	127	35.6	2.40	7.1	5.5	620
I035916		1.90	19.35	0.13	1.5	0.012	2.52	21.2	15.5	0.86	106	13.40	2.73	7.4	5.8	630
I035917		2.43	19.05	0.14	1.5	0.010	2.28	20.8	19.1	0.75	129	4.73	2.25	7.1	5.7	640
I035918		2.05	19.20	0.14	1.5	0.013	2.67	20.7	17.8	0.80	197	8.32	2.13	7.3	5.3	660
I035919		2.40	18.80	0.15	1.5	0.030	2.39	22.7	15.4	0.80	108	3.82	2.79	7.0	5.3	690
I035920		2.11	19.15	0.14	1.5	0.011	2.78	23.2	14.5	0.74	104	29.7	2.51	7.2	5.1	650
I035921		2.50	18.45	0.15	1.4	0.028	2.44	20.7	28.6	0.65	117	30.0	2.22	6.9	4.5	620
I035922		2.18	18.55	0.15	1.5	0.007	2.55	21.9	16.6	0.75	98	19.85	2.39	6.9	5.2	620
I035923		2.39	19.10	0.15	1.3	0.021	3.13	22.6	14.6	0.79	135	23.4	1.98	6.5	5.6	570
I035924		2.07	19.95	0.15	1.4	0.024	2.92	22.5	17.2	0.75	110	46.4	2.41	7.4	6.0	600
I035925		2.26	19.70	0.16	1.5	0.015	2.71	25.5	12.7	0.75	95	28.8	2.62	7.1	5.4	610
I035926		2.20	19.45	0.15	1.4	0.018	2.46	23.8	60.6	0.73	119	11.60	2.00	8.0	5.4	650
I035927		2.98	19.45	0.16	1.3	0.011	2.56	20.6	55.9	0.70	117	10.30	1.71	6.7	5.0	640
I035928		2.90	17.60	0.16	1.3	0.020	3.16	19.6	11.2	0.61	135	33.6	1.82	5.8	4.6	650
I035929		2.58	18.25	0.15	1.4	0.012	2.86	27.6	15.3	0.79	116	60.5	2.35	6.1	5.6	620
I035930		2.11	18.90	0.15	1.4	0.014	2.92	24.1	16.0	0.80	120	43.9	2.39	6.5	4.9	630
I035931		2.61	9.44	0.14	1.3	0.709	0.75	24.4	14.6	3.64	1760	74.7	0.01	5.8	80.9	1190
I035932		0.47	0.37	0.06	<0.1	0.006	0.04	1.1	1.8	12.80	216	0.26	0.01	0.4	1.4	210
I035933		1.82	18.50	0.13	1.4	0.017	2.42	25.7	16.8	0.76	124	17.40	2.56	6.8	5.4	640
I035934		1.95	18.60	0.16	1.5	0.017	2.82	25.3	14.5	0.80	127	40.8	2.26	7.1	5.2	620
I035936		2.35	18.15	0.15	1.3	0.014	2.49	21.1	17.9	0.56	125	24.2	2.23	6.7	5.3	610
I035935		2.40	18.00	0.15	1.4	0.013	2.44	24.2	12.0	0.75	104	16.15	2.47	6.9	5.2	620
I035940		2.50	19.60	0.15	1.5	0.016	2.09	22.2	11.4	0.88	124	32.8	2.84	7.9	5.6	650
I035937		2.93	18.55	0.17	1.5	0.029	2.75	23.2	15.4	0.73	218	27.0	1.58	6.8	5.8	680
I035938		2.48	18.95	0.15	1.5	0.011	2.34	23.8	17.1	0.61	103	14.95	2.48	7.0	5.4	640
I035939		2.63	18.50	0.16	1.3	0.014	2.70	21.5	11.1	0.82	99	9.08	2.34	6.1	5.3	620
I035941		2.52	19.05	0.16	1.3	0.012	2.88	20.9	9.3	0.82	112	98.8	2.44	6.0	5.1	590
I035942		2.78	20.2	0.14	1.4	0.016	2.25	25.7	11.5	0.93	126	28.3	2.79	7.0	5.6	640



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Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
I035911		19.7	116.5	0.002	2.71	6.57	7.1	3	4.3	690	0.42	0.06	9.1	0.198	1.15	2.5
I035912		552	112.0	0.002	1.97	391	7.2	3	3.4	601	0.46	0.08	9.0	0.219	1.14	2.4
I035913		72.1	123.0	0.042	2.17	17.20	7.3	3	2.3	621	0.41	0.09	9.5	0.204	1.12	2.7
I035914		19.5	113.5	0.004	2.21	11.95	7.1	3	1.9	667	0.47	0.10	9.1	0.211	1.12	3.2
I035915		20.6	100.5	0.012	1.46	14.30	7.3	3	2.0	1070	0.47	0.07	9.2	0.221	0.94	3.0
I035916		14.1	97.9	0.006	1.23	9.40	7.7	3	1.9	793	0.51	0.06	9.2	0.234	0.94	3.7
I035917		11.3	95.1	0.002	2.00	6.19	7.1	3	2.1	660	0.49	0.06	8.3	0.225	1.07	3.1
I035918		28.0	113.5	0.003	1.40	21.8	7.2	2	1.8	673	0.50	0.07	8.1	0.235	1.20	3.0
I035919		11.6	91.6	0.002	1.81	3.78	7.5	3	1.6	731	0.48	0.06	9.1	0.232	0.89	3.2
I035920		10.7	104.5	0.012	1.80	2.99	7.6	3	2.3	706	0.49	0.07	8.4	0.229	0.95	3.5
I035921		14.2	108.0	0.010	2.42	7.46	7.0	3	4.6	793	0.45	0.09	8.1	0.219	0.98	2.9
I035922		12.7	91.0	0.008	1.81	1.81	7.3	3	1.7	689	0.47	0.08	8.5	0.221	0.89	3.1
I035923		11.8	119.5	0.010	2.11	3.89	7.0	3	3.1	591	0.42	0.06	8.4	0.213	1.00	2.7
I035924		12.0	107.5	0.022	1.33	1.50	7.3	3	1.7	662	0.49	0.07	8.8	0.233	0.92	3.0
I035925		15.0	107.5	0.013	1.93	1.19	7.4	3	1.8	733	0.49	0.08	9.3	0.226	0.92	3.9
I035926		12.2	93.4	0.004	1.55	2.90	7.5	3	1.8	631	0.53	0.09	8.8	0.243	0.87	3.9
I035927		10.6	110.5	0.005	3.06	2.52	7.0	3	3.1	510	0.47	0.13	8.2	0.211	1.01	3.0
I035928		151.5	143.5	0.018	3.27	20.4	6.4	3	2.3	435	0.40	0.12	9.0	0.172	1.18	3.8
I035929		11.7	124.5	0.026	2.66	3.25	7.1	3	2.1	594	0.42	0.11	9.1	0.194	1.15	3.1
I035930		10.3	124.5	0.018	2.08	2.90	6.9	2	2.1	611	0.45	0.09	8.7	0.202	1.17	3.0
I035931		20.9	66.6	0.063	1.04	11.55	4.7	5	5.8	226	0.36	0.35	5.8	0.128	1.86	14.5
I035932		1.8	2.3	<0.002	0.01	0.06	0.4	1	<0.2	47.4	<0.05	<0.05	0.2	0.005	0.02	0.6
I035933		12.4	87.9	0.009	1.19	2.08	6.8	2	1.8	675	0.49	0.05	8.2	0.227	1.00	3.5
I035934		12.4	121.5	0.012	1.78	14.85	6.9	2	2.3	576	0.50	0.05	8.4	0.228	1.14	4.0
I035936		13.4	96.1	0.009	2.32	1.95	6.6	3	3.2	562	0.46	0.08	7.8	0.214	0.89	2.7
I035935		9.9	97.8	0.006	2.18	0.87	6.9	3	2.8	630	0.48	0.07	8.9	0.223	0.83	3.0
I035940		10.9	75.7	0.019	1.57	0.73	7.5	2	1.9	760	0.55	0.07	8.7	0.243	0.77	3.5
I035937		23.2	133.5	0.013	3.11	8.56	7.4	3	4.6	447	0.47	0.20	8.9	0.214	1.16	2.9
I035938		11.6	111.0	0.007	2.38	2.49	7.5	3	2.6	799	0.49	0.09	10.0	0.226	1.09	3.5
I035939		9.7	116.0	0.005	2.32	2.02	6.5	2	2.7	644	0.48	0.14	9.7	0.214	0.88	3.7
I035941		43.2	101.0	0.047	1.95	1.24	6.6	1	3.0	739	0.46	0.12	8.8	0.218	0.72	3.4
I035942		10.1	94.3	0.012	1.73	1.29	7.1	2	1.8	816	0.54	0.10	10.2	0.237	0.64	3.6



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Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
I035911		54	3.5	12.0	369	42.0
I035912		56	3.4	11.8	1740	44.9
I035913		54	3.3	12.6	198	44.7
I035914		56	3.4	12.0	32	44.1
I035915		54	3.2	12.3	66	42.8
I035916		58	2.7	11.6	24	45.7
I035917		58	5.9	11.2	21	45.5
I035918		58	3.6	11.0	68	46.1
I035919		58	2.6	12.5	71	45.3
I035920		58	3.2	12.8	20	45.9
I035921		56	3.8	11.8	33	43.5
I035922		57	3.3	11.8	25	44.6
I035923		57	4.2	11.3	24	40.1
I035924		55	2.6	12.5	25	40.8
I035925		55	2.9	12.9	28	43.2
I035926		57	4.9	12.4	27	43.5
I035927		56	5.6	11.8	22	40.1
I035928		47	7.6	11.7	276	45.1
I035929		55	3.4	11.8	24	40.5
I035930		56	3.3	11.9	24	42.3
I035931		334	32.9	24.8	483	49.1
I035932		4	0.1	1.2	19	0.5
I035933		55	2.5	11.3	27	45.9
I035934		55	3.4	11.7	29	45.7
I035936		54	4.9	10.5	26	40.0
I035935		54	4.1	12.0	23	45.7
I035940		58	2.6	12.9	25	43.5
I035937		58	7.1	12.1	42	45.3
I035938		58	4.2	11.8	22	45.4
I035939		54	5.3	10.8	20	42.4
I035941		55	4.6	10.7	67	42.3
I035942		56	3.6	11.9	25	44.4



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Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.