



ALS Canada Ltd.  
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North Vancouver BC V7H 0A7  
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To: **NORTHERN TIGER RESOURCES**  
**220 - 17010 103RD AVE.**  
**EDMONTON AB T5S 1K7**

Page: 1  
Finalized Date: 21-SEP-2011  
Account: NOTIRE

**CERTIFICATE WH11144876**

Project: Sonora

P.O. No.: Batch 9

This report is for 180 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
SPL-21d	Split sample - duplicate
LOG-22d	Sample login - Rcd w/o BarCode dup
PUL-31d	Pulverize Split - duplicate
SPL-22Y	Split Sample - Boyd Rotary Splitter
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
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 WH11144876**

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
K520504		3.12	0.039	0.89	7.88	23.0	1600	1.53	9.32	3.06	1.19	45.1	9.7	31	6.57	43.4
K520505		1.04	0.037	1.39	7.36	43.8	2110	1.46	8.81	3.50	9.06	43.2	9.3	24	6.51	58.5
K520506		3.60	0.079	1.28	7.47	80.9	1100	1.58	7.48	2.24	1.23	45.0	12.8	44	10.00	116.5
K520507		3.53	0.031	1.06	7.61	92.8	960	1.44	6.52	2.67	1.80	37.3	10.3	20	7.57	98.9
K520508		3.68	0.090	1.67	7.49	168.0	660	1.36	7.77	3.80	1.46	37.3	10.7	17	8.21	93.7
K520509		3.98	0.121	0.99	7.50	51.8	1150	1.44	4.21	2.79	2.93	39.4	10.0	19	10.10	28.3
K520510		3.73	0.095	3.57	7.57	33.4	1170	1.49	11.90	3.04	0.84	36.1	10.9	17	8.59	95.9
K520511		3.33	0.063	1.64	7.50	39.8	1190	1.33	7.48	2.90	2.00	37.5	12.8	16	7.14	31.6
K520512		3.70	0.047	1.61	7.63	73.7	1260	1.54	9.02	2.50	0.99	39.5	11.3	17	6.35	85.7
K520513		3.58	0.017	0.40	7.74	35.0	980	1.60	2.48	2.79	0.60	40.0	7.7	18	5.94	39.3
K520514		3.41	0.027	0.77	7.51	139.0	880	1.59	3.41	3.19	0.80	35.8	9.2	18	9.58	36.7
K520515		3.29	0.014	0.64	5.95	289	890	1.53	3.14	2.18	0.65	50.4	7.6	65	8.65	82.9
K520516		4.67	0.051	1.21	6.18	187.0	810	1.46	15.95	2.10	0.76	52.9	16.1	53	7.47	167.0
K520517		4.45	0.080	4.50	6.78	581	940	1.78	16.45	2.73	4.53	56.7	21.5	42	7.51	184.5
K520518		4.16	0.189	1.67	7.08	99.1	1100	1.54	29.0	2.46	0.69	63.1	20.6	47	9.23	192.0
K520519		4.20	0.085	0.89	6.93	47.5	990	1.46	30.4	2.36	0.51	47.4	10.9	51	7.11	136.0
K520520		3.39	0.020	0.31	7.04	47.6	1430	1.29	3.03	1.96	0.37	33.0	5.3	28	5.32	18.6
K520521		3.49	0.019	0.19	7.25	20.6	1460	1.89	2.09	1.85	0.41	44.0	5.2	17	6.69	8.1
K520522		2.63	0.027	0.48	7.32	26.8	960	1.52	7.29	2.41	0.62	40.6	8.0	19	5.01	44.4
K520523		5.02	0.023	1.02	7.08	61.3	890	1.46	19.25	2.92	1.10	40.1	8.1	26	3.80	84.0
K520524		3.94	0.020	0.53	6.29	172.0	830	1.51	1.76	4.30	1.56	32.3	7.0	19	6.63	27.1
K520525		4.26	0.007	0.19	7.29	8.6	1270	1.67	0.68	2.55	0.48	38.9	10.1	23	5.41	13.2
K520526		4.23	0.028	0.54	7.00	187.0	1140	1.53	2.25	2.55	1.18	36.1	10.0	16	6.04	24.1
K520527		3.98	0.028	0.25	7.88	29.9	1200	1.69	1.20	2.33	0.99	43.7	7.9	21	4.70	9.6
K520528		4.01	0.022	0.47	7.66	250	870	1.62	1.36	2.62	0.99	43.9	7.0	16	4.97	17.4
K520529		4.25	0.018	0.29	7.73	34.2	1080	1.53	1.19	2.65	0.76	45.7	9.8	15	4.47	14.5
K520530		3.94	0.050	0.15	7.74	19.0	1250	1.61	0.60	2.57	0.68	47.7	4.8	16	5.23	8.8
K520531		5.55	0.009	0.42	7.44	47.9	1180	1.58	1.99	2.70	0.78	42.4	8.6	16	5.20	23.3
K520532		4.45	0.082	0.58	6.63	1755	1190	1.47	1.36	3.54	1.24	35.5	9.4	16	8.20	24.0
K520533		3.65	0.019	0.39	7.48	66.0	1650	1.68	0.97	2.93	0.92	43.4	6.2	14	7.75	20.3
K520534		5.04	0.028	0.85	7.34	88.9	930	1.57	3.55	3.13	0.91	40.6	11.8	16	6.47	22.0
K520535		4.63	0.022	0.94	7.39	249	860	1.61	2.64	2.81	1.02	44.7	7.2	14	6.54	17.1
K520536		4.05	0.010	0.53	6.49	100.5	850	1.57	1.75	4.31	0.99	33.9	3.9	14	7.24	19.6
K520537		4.67	0.021	0.47	7.39	579	810	1.71	0.88	3.17	1.37	42.3	5.3	12	6.52	24.6
K520538		1.78	0.024	0.54	7.22	1020	830	1.63	1.06	3.24	1.14	41.5	7.8	13	5.72	20.3
K520539		1.84	0.023	0.52	7.31	1030	790	1.64	0.98	3.24	1.16	42.0	7.2	18	6.03	20.3
K520540		<0.02	0.022	0.53	7.26	961	760	1.57	1.01	3.13	1.12	41.2	7.2	15	5.89	19.9
K520541		2.23	<0.001	0.01	0.08	5	20	0.05	0.02	21.7	0.06	1.61	1.2	<1	0.16	3.4
K520542		4.54	0.023	0.35	7.72	251	930	1.54	0.83	2.70	1.01	47.5	5.9	14	7.83	15.3
K520543		3.10	0.006	0.25	7.39	109.5	1170	1.60	0.85	3.63	0.84	39.4	7.8	13	8.39	9.5



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Project: Sonora

**CERTIFICATE OF ANALYSIS WH11144876**

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
K520504		3.34	21.9	0.16	1.3	0.289	2.95	21.5	15.0	0.98	427	3.36	2.29	8.4	9.6	680
K520505		2.43	20.3	0.16	1.3	0.202	3.19	20.8	15.5	0.91	339	3.72	1.47	7.6	11.1	600
K520506		3.74	23.0	0.18	1.0	0.101	2.87	21.5	19.3	1.28	218	3.59	1.13	7.5	22.2	560
K520507		2.29	21.6	0.15	1.9	0.053	2.87	17.4	16.1	0.83	150	6.01	1.42	5.9	8.2	610
K520508		2.67	21.9	0.17	1.8	0.053	2.71	17.6	22.3	0.68	172	3.75	0.35	4.9	8.0	600
K520509		2.85	22.6	0.16	1.8	0.051	3.33	18.9	24.4	0.88	182	1.94	1.07	5.8	8.5	620
K520510		2.75	22.6	0.18	1.8	0.136	2.82	16.9	23.9	0.94	203	1.26	1.29	6.6	8.6	600
K520511		3.03	20.7	0.17	1.8	0.070	3.33	17.9	34.3	0.86	176	0.79	0.54	5.6	9.1	600
K520512		2.78	21.7	0.17	1.8	0.071	2.59	18.5	29.6	1.03	177	1.73	1.32	6.5	8.1	590
K520513		2.19	23.0	0.16	1.8	0.045	2.34	18.7	17.2	0.88	161	0.57	2.03	7.1	7.7	620
K520514		2.15	21.1	0.19	1.8	0.035	2.79	16.3	14.6	0.58	155	1.26	1.33	6.8	8.5	610
K520515		2.31	18.40	0.16	0.9	0.116	2.19	24.4	17.5	0.87	158	5.30	0.59	8.6	21.4	640
K520516		3.75	19.55	0.18	0.9	0.079	2.28	25.4	17.3	0.94	152	3.83	0.72	9.0	26.2	640
K520517		3.49	19.95	0.15	1.1	0.104	2.96	26.7	16.8	0.97	177	2.28	0.71	8.4	23.1	640
K520518		3.92	20.7	0.21	1.1	0.088	3.21	31.6	14.7	1.12	152	4.84	0.94	9.9	25.0	690
K520519		3.21	20.8	0.18	1.0	0.103	2.72	21.9	13.3	1.05	162	3.67	1.20	9.4	21.3	680
K520520		2.49	15.55	0.13	0.9	0.045	3.20	14.6	12.2	0.83	136	1.63	1.41	6.4	10.0	590
K520521		2.21	19.95	0.16	1.3	0.145	2.61	20.9	28.3	0.79	185	1.57	1.72	7.8	8.4	580
K520522		3.17	21.6	0.17	1.3	0.069	2.97	18.9	16.9	0.82	188	1.23	1.45	7.4	8.5	590
K520523		2.84	21.8	0.19	1.0	0.077	2.75	19.1	11.7	0.74	200	2.06	1.16	7.0	9.8	560
K520524		2.21	20.2	0.15	1.0	0.121	2.25	14.3	21.3	0.69	387	1.36	1.48	7.1	8.6	560
K520525		2.32	21.3	0.16	1.2	0.103	2.47	17.1	20.5	0.78	441	1.63	2.46	8.1	8.8	590
K520526		2.31	21.1	0.17	1.2	0.069	2.50	16.0	21.7	0.69	323	1.53	2.05	7.5	6.0	560
K520527		2.43	20.6	0.16	1.2	0.082	2.66	20.4	16.8	0.79	322	1.62	2.42	7.8	5.5	620
K520528		2.35	21.9	0.18	1.2	0.052	2.39	20.2	14.8	0.76	308	1.15	2.26	7.6	5.4	610
K520529		2.30	19.50	0.12	1.1	0.074	2.53	22.1	12.9	0.78	334	0.87	2.54	7.9	7.2	610
K520530		2.41	19.60	0.14	1.1	0.101	2.57	23.4	15.5	0.77	414	1.01	2.53	8.0	5.8	600
K520531		2.37	19.15	0.14	1.1	0.070	2.68	20.4	14.7	0.67	319	0.93	2.02	8.0	5.5	610
K520532		2.31	18.90	0.13	1.0	0.075	2.97	18.9	30.1	0.66	461	0.99	1.07	7.6	5.4	570
K520533		2.32	19.60	0.13	1.1	0.106	2.87	21.2	31.7	0.66	384	0.80	1.67	8.1	5.6	600
K520534		2.55	19.45	0.14	0.9	0.077	2.61	21.4	20.6	0.83	347	0.86	1.70	7.7	6.6	600
K520535		2.60	19.60	0.14	0.9	0.069	2.76	21.7	31.6	0.86	327	0.63	1.43	7.8	6.1	590
K520536		2.46	18.85	0.12	0.9	0.079	2.56	18.4	29.5	0.91	429	0.89	1.05	7.8	5.3	560
K520537		2.35	19.45	0.14	1.0	0.041	2.69	20.0	12.4	0.69	254	0.87	1.59	7.7	5.4	600
K520538		2.19	19.65	0.14	1.0	0.036	2.73	21.4	9.3	0.66	246	0.74	1.58	7.4	5.6	610
K520539		2.39	19.50	0.14	0.9	0.036	2.76	19.8	10.3	0.66	251	1.21	1.62	7.4	5.4	600
K520540		2.34	18.90	0.13	0.9	0.035	2.70	20.2	10.2	0.65	242	0.94	1.58	7.3	5.1	590
K520541		0.48	0.31	0.05	<0.1	<0.005	0.03	0.8	1.0	13.35	221	0.06	0.01	0.3	2.5	200
K520542		2.60	19.50	0.13	1.1	0.071	2.63	22.8	14.0	0.78	250	0.84	2.12	7.4	5.4	610
K520543		2.59	18.85	0.13	0.9	0.064	2.69	19.4	13.3	0.90	251	1.19	2.33	7.7	5.3	610



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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
K520504		139.5	110.5	0.002	1.95	4.64	8.5	1	3.7	858	0.57	0.24	9.0	0.267	1.24	3.8
K520505		224	149.0	<0.002	1.29	9.15	8.6	2	3.2	498	0.50	0.16	9.1	0.229	1.52	3.1
K520506		47.5	171.5	0.002	2.80	8.08	12.4	2	3.9	350	0.50	0.69	8.6	0.255	1.63	2.8
K520507		78.3	147.0	<0.002	1.85	5.17	8.0	1	2.5	342	0.38	0.15	7.1	0.214	1.54	2.5
K520508		66.1	137.5	<0.002	2.34	3.82	7.3	2	2.2	212	0.33	0.28	6.8	0.193	1.52	2.9
K520509		124.0	134.5	<0.002	2.30	3.76	7.8	1	2.9	394	0.37	0.56	6.8	0.216	1.53	2.8
K520510		70.6	131.5	<0.002	1.99	3.74	7.8	1	2.5	382	0.41	0.25	6.8	0.232	1.44	2.6
K520511		91.1	120.0	<0.002	2.49	3.48	7.6	2	2.2	334	0.37	0.63	6.4	0.209	1.48	2.8
K520512		69.3	113.5	<0.002	2.03	3.57	7.7	1	2.4	370	0.41	0.25	7.2	0.230	1.36	2.9
K520513		27.5	115.5	<0.002	1.44	3.57	8.3	1	2.3	491	0.45	0.13	7.2	0.250	1.30	3.5
K520514		45.8	146.0	<0.002	1.77	4.31	8.2	2	2.3	360	0.45	0.20	7.3	0.243	1.48	2.6
K520515		20.8	132.5	0.004	1.27	13.20	10.8	2	2.9	195.0	0.54	0.17	10.0	0.262	1.51	14.9
K520516		40.8	142.0	0.003	2.91	7.95	10.8	2	2.8	206	0.54	0.63	10.2	0.267	1.38	5.1
K520517		548	177.5	0.002	2.97	136.5	11.0	2	2.9	214	0.55	1.18	10.5	0.260	1.69	4.6
K520518		38.7	181.5	0.002	3.33	6.64	11.6	2	3.0	285	0.64	1.15	10.6	0.291	1.70	4.2
K520519		25.1	146.5	0.003	2.41	5.37	10.3	2	3.7	286	0.57	0.73	9.2	0.288	1.46	3.3
K520520		20.2	132.5	<0.002	1.94	2.26	6.8	1	2.3	386	0.40	0.24	7.4	0.238	1.26	2.2
K520521		24.2	107.0	<0.002	1.33	2.79	8.1	1	3.1	527	0.54	0.32	9.6	0.231	1.11	3.3
K520522		21.9	113.0	<0.002	2.47	4.65	7.5	2	2.8	421	0.50	1.49	8.0	0.220	1.25	3.5
K520523		23.2	123.5	<0.002	2.29	7.28	7.4	2	3.1	279	0.47	0.41	8.0	0.211	1.27	2.9
K520524		28.4	80.5	<0.002	0.80	6.46	6.4	1	2.0	450	0.47	0.08	6.3	0.211	1.10	2.8
K520525		25.5	86.4	<0.002	0.37	2.64	7.1	1	1.5	612	0.54	<0.05	7.4	0.234	1.16	2.9
K520526		44.3	104.0	<0.002	0.86	6.72	7.0	1	1.6	553	0.51	0.14	7.3	0.217	1.30	2.7
K520527		62.5	115.0	<0.002	0.96	5.14	7.5	1	1.3	538	0.53	0.09	8.7	0.231	1.24	3.7
K520528		67.2	119.0	<0.002	1.21	4.12	7.5	1	1.7	465	0.51	0.14	8.8	0.225	1.25	3.4
K520529		53.6	96.7	<0.002	1.02	2.36	6.9	1	1.4	528	0.52	0.12	9.4	0.226	1.17	3.2
K520530		52.1	105.0	<0.002	0.82	1.57	7.2	1	1.4	614	0.53	<0.05	10.1	0.228	1.11	3.5
K520531		74.8	117.5	<0.002	1.18	4.43	6.8	1	1.5	477	0.53	0.09	8.4	0.224	1.47	3.0
K520532		71.7	125.5	<0.002	1.38	13.25	6.0	1	2.1	343	0.50	0.10	7.2	0.213	1.83	2.6
K520533		67.9	115.5	<0.002	0.88	6.50	6.9	1	1.5	465	0.55	0.08	9.0	0.230	1.70	3.4
K520534		76.9	114.0	<0.002	1.42	8.63	6.9	1	1.6	417	0.50	0.30	8.3	0.223	1.63	3.6
K520535		73.4	124.0	<0.002	1.58	5.26	6.9	1	2.0	348	0.52	0.17	9.0	0.219	1.58	3.5
K520536		39.5	86.6	<0.002	1.23	8.73	5.9	1	1.8	418	0.50	0.13	6.8	0.214	1.66	2.7
K520537		44.0	113.5	<0.002	1.51	5.17	6.9	1	1.8	367	0.51	0.08	8.6	0.223	1.45	3.1
K520538		43.3	120.0	<0.002	1.38	4.30	6.6	1	2.4	347	0.48	0.09	8.3	0.212	1.44	3.0
K520539		45.7	113.0	<0.002	1.56	4.26	6.5	1	2.2	355	0.48	0.11	8.2	0.214	1.39	2.9
K520540		45.8	117.0	<0.002	1.53	4.09	6.6	1	2.1	342	0.49	0.10	8.6	0.213	1.38	3.0
K520541		1.8	1.8	<0.002	0.01	0.05	0.3	1	<0.2	45.4	<0.05	<0.05	<0.2	<0.005	0.02	0.6
K520542		34.5	113.5	<0.002	1.41	7.15	6.7	1	1.9	489	0.52	0.12	9.2	0.225	1.34	4.9
K520543		30.8	105.5	<0.002	1.42	7.28	6.4	1	1.7	594	0.53	0.09	8.2	0.225	1.29	3.5



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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
K520504		69	2.9	13.2	145	31.9
K520505		73	3.7	13.3	1120	34.1
K520506		80	5.6	12.8	114	25.5
K520507		58	3.6	9.9	191	51.9
K520508		55	4.1	9.4	108	51.2
K520509		59	3.4	9.8	358	51.3
K520510		56	3.8	9.9	86	49.8
K520511		55	5.7	9.5	186	48.7
K520512		55	3.6	9.5	98	47.6
K520513		59	3.3	9.4	62	49.6
K520514		58	4.0	10.0	78	47.8
K520515		85	3.8	13.9	63	22.6
K520516		83	4.0	14.7	75	22.0
K520517		76	4.6	14.9	294	28.7
K520518		85	4.8	15.4	70	28.9
K520519		80	4.4	13.9	53	25.9
K520520		61	4.2	9.8	47	23.8
K520521		55	4.3	10.2	49	32.3
K520522		53	4.1	9.4	60	32.0
K520523		51	4.0	9.1	80	24.8
K520524		50	3.5	9.9	133	26.0
K520525		53	2.7	9.9	77	27.7
K520526		50	3.3	9.6	112	27.9
K520527		53	2.0	10.1	108	27.9
K520528		53	1.9	9.1	90	26.9
K520529		54	1.7	11.7	76	36.1
K520530		54	1.9	12.2	78	36.6
K520531		54	2.2	9.8	75	37.2
K520532		51	2.6	10.1	112	33.5
K520533		54	2.3	10.5	98	35.7
K520534		55	2.2	9.9	86	33.6
K520535		52	2.4	10.1	85	32.7
K520536		50	2.6	9.3	88	30.6
K520537		54	2.3	9.8	94	33.3
K520538		53	2.4	9.3	83	33.4
K520539		53	2.4	9.1	86	32.7
K520540		52	2.6	9.4	83	32.8
K520541		3	0.1	1.1	15	<0.5
K520542		54	2.2	10.3	96	33.5
K520543		53	2.2	10.5	78	31.7



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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
K520544		4.09	0.006	0.27	7.92	207	1270	1.60	0.71	2.60	0.93	47.8	5.3	14	9.62	17.0
K520545		4.30	0.088	2.00	7.77	1775	1400	1.65	1.03	2.41	3.63	45.3	7.7	14	12.65	40.5
K520546		4.98	0.034	0.45	7.49	233	1030	1.58	2.28	2.70	0.81	41.3	10.6	13	10.25	37.0
K520547		4.29	0.014	0.32	7.98	50.3	990	1.63	1.34	2.54	0.52	45.5	11.2	14	11.25	43.3
K520548		3.95	0.013	0.28	7.34	524	880	1.57	0.74	2.70	0.85	42.4	4.8	23	8.67	37.2
K520549		4.12	0.005	0.24	7.47	48.7	1060	1.58	0.79	2.89	0.63	41.4	9.2	24	8.91	20.4
K520550		4.20	0.006	0.20	7.69	45.4	1190	1.63	0.80	2.61	0.71	48.7	8.6	28	7.18	16.3
K520551		3.92	0.018	0.27	7.90	897	1180	1.70	0.76	2.68	1.54	48.3	8.1	27	8.95	34.8
K520552		4.42	0.003	0.27	7.78	35.3	910	1.63	0.75	2.75	0.68	47.6	6.1	25	7.48	54.3
K520553		3.86	0.016	0.48	7.68	154.5	1030	1.53	1.32	3.13	0.68	47.3	6.6	21	6.35	40.8
K520554		4.13	0.015	0.39	7.69	281	1340	1.50	1.14	2.67	0.71	47.6	5.5	31	7.08	50.2
K520555		4.08	0.011	0.33	7.27	152.5	1210	1.47	0.87	3.22	0.70	43.0	4.3	28	6.43	37.9
K520556		3.30	0.008	0.28	7.45	116.5	1040	1.52	0.93	2.95	0.60	39.8	4.8	24	6.10	38.5
K520557		4.89	0.014	0.39	7.67	207	1130	1.61	1.12	2.55	1.10	45.7	7.6	25	7.79	50.5
K520558		4.97	0.004	0.20	7.66	32.3	1190	1.59	1.05	2.15	0.76	48.0	10.0	17	6.52	67.4
K520559		3.42	0.008	0.34	7.41	42.7	1190	1.58	1.40	2.41	0.79	45.8	8.9	17	5.31	56.9
K520560		4.25	0.047	3.35	7.23	664	1100	1.60	1.86	2.64	5.31	39.3	6.6	26	8.77	62.8
K520561		3.95	0.048	4.67	7.21	1180	780	1.54	4.34	3.01	6.24	40.0	9.6	19	10.55	70.6
K520562		4.37	0.044	1.01	6.92	99.1	1220	1.50	2.95	2.92	1.50	37.4	6.5	24	8.15	168.0
K520563		3.26	0.028	1.61	7.71	181.0	1240	1.66	1.53	2.48	1.01	45.8	8.0	28	8.96	161.0
K520564		4.01	0.007	0.49	7.82	79.7	1140	1.73	1.38	2.68	0.61	46.7	10.3	33	8.28	122.5
K520565		3.58	0.025	0.82	7.76	198.5	1060	2.04	2.68	2.49	0.66	43.3	11.3	23	8.96	138.5
K520566		4.85	0.055	1.60	7.99	790	1040	1.45	6.64	2.85	1.44	46.2	8.3	20	11.75	10.8
K520567		3.58	0.036	2.27	7.16	625	1070	1.56	2.00	2.76	2.50	37.4	6.3	20	9.70	304
K520568		4.13	0.038	1.62	7.64	599	1650	1.68	6.25	2.00	0.93	46.8	7.9	20	9.51	248
K520569		4.36	0.143	0.75	7.12	1990	810	1.55	4.05	2.95	0.81	51.9	8.4	21	8.61	54.3
K520570		4.63	0.062	0.68	7.68	78.9	660	1.45	6.30	2.48	0.57	39.7	8.5	17	9.14	64.2
K520571		4.82	0.208	1.87	8.29	349	570	1.95	7.95	2.52	1.36	45.8	9.1	10	9.70	162.0
K520572		1.90	0.068	0.67	7.91	148.5	720	1.68	5.24	2.45	0.38	42.2	7.9	13	5.96	66.9
K520573		2.06	0.052	0.73	7.59	102.5	800	1.43	4.71	2.46	0.33	38.2	7.6	10	5.38	77.7
K520574		<0.02	0.048	0.64	7.87	109.0	790	1.44	6.52	2.50	0.37	43.9	7.7	15	5.88	73.1
K520575		2.00	<0.001	0.01	0.09	<5	20	<0.05	0.04	21.2	0.06	1.40	1.0	2	0.22	1.5
K520576		5.07	0.226	1.27	7.83	115.5	1470	1.38	6.86	1.94	0.58	41.3	7.2	23	6.60	220
K520577		4.00	0.029	0.68	7.78	137.5	780	1.49	3.65	2.51	0.48	42.7	7.1	21	4.92	29.6
K520578		4.54	0.025	2.63	7.52	420	1380	1.52	4.96	1.84	12.55	41.8	8.0	20	10.25	43.0
K520579		4.88	0.021	0.64	7.37	100.0	790	1.58	4.26	2.41	0.44	44.3	6.3	14	6.34	6.3
K520580		4.66	0.044	1.13	7.93	325	760	1.54	7.15	1.95	3.89	37.5	7.3	16	8.06	49.4
K520581		4.57	0.034	1.58	7.69	78.7	1010	1.63	3.64	2.51	1.08	42.8	6.4	12	6.42	144.5
K520582		3.92	0.044	2.92	7.40	379	810	1.70	4.78	2.55	2.89	46.3	6.1	12	11.65	100.0
K520583		4.66	0.039	5.09	7.66	211	1050	1.97	8.62	2.64	3.57	48.3	8.4	11	9.96	38.2



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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
K520544		2.21	19.25	0.13	1.0	0.052	2.93	23.7	12.1	0.79	205	1.03	2.14	7.8	5.0	630
K520545		2.48	18.95	0.14	1.1	0.033	3.51	22.5	11.0	0.84	190	0.86	1.59	7.4	5.8	630
K520546		2.75	18.65	0.13	1.0	0.025	3.22	20.1	10.6	0.78	144	0.81	1.49	6.4	5.7	610
K520547		2.85	19.15	0.15	1.0	0.021	2.89	22.8	11.4	0.85	132	0.83	1.74	7.2	5.7	620
K520548		2.51	19.75	0.14	0.9	0.044	2.86	19.3	12.8	0.95	190	0.68	1.53	7.7	9.8	610
K520549		2.66	18.75	0.13	1.0	0.064	2.59	19.9	14.0	0.92	212	0.88	2.00	7.7	11.7	620
K520550		2.78	19.90	0.14	1.0	0.121	2.56	24.1	16.5	0.96	259	1.93	2.26	8.2	12.0	620
K520551		2.65	19.35	0.14	1.0	0.115	3.02	23.8	12.2	1.03	259	2.12	1.95	7.9	11.8	650
K520552		2.87	19.85	0.14	0.9	0.049	2.56	22.8	14.1	0.93	171	1.61	2.12	7.8	9.4	630
K520553		3.35	18.90	0.15	0.9	0.040	2.96	23.8	13.6	0.86	169	2.25	1.73	7.0	8.5	630
K520554		2.81	19.45	0.15	1.1	0.065	2.85	23.3	14.8	0.93	170	1.80	2.18	7.8	13.4	640
K520555		2.56	18.45	0.13	0.9	0.058	2.51	20.8	15.7	0.87	171	1.24	2.11	7.3	11.3	600
K520556		2.79	19.45	0.14	1.0	0.046	2.51	18.9	15.6	0.83	155	1.08	2.06	7.4	10.8	620
K520557		2.76	18.65	0.15	1.1	0.046	2.99	22.5	22.9	0.91	140	1.01	1.65	7.3	11.4	630
K520558		2.42	18.45	0.14	1.2	0.029	2.88	23.6	22.2	0.81	122	0.92	2.08	7.5	7.3	610
K520559		2.67	17.15	0.14	1.1	0.029	2.84	22.7	18.4	0.74	118	1.11	2.22	6.7	5.8	600
K520560		2.80	17.45	0.14	1.1	0.038	3.04	19.1	15.7	0.85	133	0.89	1.47	5.8	11.3	600
K520561		3.32	17.00	0.16	1.1	0.038	4.32	21.6	13.6	0.89	152	1.05	0.64	5.1	9.4	600
K520562		2.82	17.25	0.15	1.1	0.023	3.44	17.7	14.8	0.89	139	1.36	1.01	4.7	9.6	600
K520563		3.00	18.00	0.15	1.1	0.022	3.23	22.4	15.9	0.92	128	1.18	1.62	4.8	13.2	630
K520564		3.03	18.40	0.16	1.2	0.017	3.02	22.5	15.8	0.89	135	1.39	1.89	5.6	15.0	630
K520565		3.44	18.60	0.10	1.2	0.009	3.58	20.3	15.2	0.92	143	1.95	1.47	4.4	12.2	630
K520566		3.56	16.85	0.10	1.1	0.010	4.71	21.7	10.4	0.85	149	1.36	0.60	5.1	7.6	590
K520567		2.35	19.10	0.11	1.2	0.071	3.59	17.5	14.2	0.93	149	1.25	1.14	5.4	10.2	590
K520568		2.62	18.70	0.09	1.2	0.048	4.18	20.2	16.2	0.89	119	1.43	1.13	4.5	8.3	600
K520569		2.77	16.55	0.11	1.2	0.023	4.41	24.0	11.1	0.74	150	1.67	0.53	5.0	8.1	570
K520570		3.00	18.70	0.11	1.3	0.016	4.98	17.7	12.9	0.93	123	1.26	0.45	4.3	8.0	590
K520571		3.52	18.65	0.13	1.1	0.039	4.76	19.0	12.4	0.86	122	1.52	0.91	4.4	5.6	630
K520572		2.88	18.45	0.12	1.2	0.008	4.66	18.5	13.9	0.88	128	2.08	1.14	4.6	5.2	620
K520573		2.68	17.00	0.10	1.2	<0.005	4.61	17.6	13.3	0.83	120	1.52	1.07	4.3	5.0	590
K520574		2.77	18.20	0.13	1.2	0.012	4.68	18.7	14.1	0.86	123	2.14	1.12	4.6	5.0	600
K520575		0.45	0.28	0.09	<0.1	<0.005	0.04	0.7	1.5	13.00	200	0.07	0.01	0.2	2.6	200
K520576		3.09	15.30	0.15	1.3	0.022	4.92	20.0	14.8	0.87	110	1.28	0.86	3.9	7.4	600
K520577		3.23	18.65	0.17	1.3	0.011	4.29	21.3	15.7	0.94	136	1.21	1.05	3.7	6.6	610
K520578		3.68	18.15	0.19	1.3	0.086	4.68	20.8	13.1	0.85	125	1.59	0.62	3.9	7.1	570
K520579		2.88	16.35	0.12	1.1	<0.005	3.78	18.4	14.2	0.84	126	1.01	1.29	3.8	6.1	570
K520580		3.58	19.40	0.08	1.2	0.031	4.02	17.4	16.7	0.82	137	1.09	0.98	2.9	6.3	590
K520581		2.68	19.05	0.08	1.2	0.015	3.80	18.9	16.3	0.79	139	1.04	1.37	3.5	5.1	610
K520582		2.75	18.15	0.12	1.1	0.024	4.24	20.6	13.4	0.83	157	1.22	0.79	3.8	5.0	600
K520583		2.62	19.05	0.12	1.2	0.034	3.91	21.0	13.4	0.78	150	1.60	1.09	3.6	6.2	590





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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
K520544		32.9	136.0	<0.002	1.19	6.96	7.0	1	1.8	515	0.53	0.07	9.6	0.228	1.49	4.0
K520545		104.0	169.0	<0.002	1.61	15.60	7.0	2	2.0	430	0.49	0.10	9.4	0.219	1.93	3.3
K520546		30.7	147.0	<0.002	2.19	3.52	6.4	2	2.1	377	0.42	0.22	8.7	0.195	1.75	2.9
K520547		25.6	151.5	<0.002	2.22	4.50	7.2	2	2.0	330	0.48	0.17	10.1	0.216	1.59	3.3
K520548		22.7	137.0	<0.002	1.24	4.77	7.6	1	2.1	315	0.52	0.05	8.5	0.227	1.61	3.3
K520549		22.3	109.5	<0.002	1.38	4.58	7.5	1	1.9	441	0.50	0.06	8.4	0.231	1.38	3.4
K520550		26.8	109.5	<0.002	1.38	5.00	8.2	1	1.9	508	0.54	0.06	9.8	0.233	1.29	3.2
K520551		36.7	128.0	<0.002	1.28	8.59	8.0	2	2.2	455	0.53	0.08	9.1	0.239	1.51	2.7
K520552		21.4	119.0	<0.002	1.93	5.58	7.3	2	2.2	379	0.51	0.05	9.0	0.229	1.37	3.7
K520553		32.0	122.0	<0.002	2.77	3.65	7.0	2	2.5	418	0.46	0.10	8.8	0.208	1.45	3.1
K520554		20.5	116.0	<0.002	2.02	3.74	7.9	2	2.4	504	0.50	0.07	9.0	0.231	1.29	3.5
K520555		28.4	97.1	<0.002	1.72	4.98	7.6	2	2.2	417	0.48	0.05	7.8	0.218	1.04	2.1
K520556		14.9	102.0	<0.002	2.07	5.00	7.4	2	2.2	376	0.47	<0.05	8.1	0.220	1.05	1.9
K520557		39.6	118.5	<0.002	1.86	6.98	7.6	2	2.0	362	0.47	0.07	8.6	0.222	1.08	2.7
K520558		28.4	118.5	<0.002	1.66	5.04	7.3	2	1.8	394	0.48	0.06	9.7	0.220	1.03	2.8
K520559		27.8	103.5	<0.002	2.18	3.23	6.9	2	1.8	420	0.43	0.10	8.9	0.199	0.97	2.5
K520560		472	128.0	<0.002	2.35	10.55	7.2	2	1.8	364	0.39	0.23	8.0	0.185	1.24	2.2
K520561		408	173.5	<0.002	2.94	12.40	6.8	2	1.3	310	0.34	0.84	8.1	0.156	1.74	1.7
K520562		60.7	131.5	<0.002	2.18	9.94	6.4	2	1.1	314	0.32	0.47	7.0	0.153	1.43	1.5
K520563		103.5	141.0	<0.002	2.25	9.52	7.4	2	1.2	390	0.32	0.27	8.6	0.160	1.38	2.0
K520564		19.0	145.5	<0.002	2.20	5.53	8.1	3	1.6	415	0.37	0.12	9.2	0.188	1.38	4.0
K520565		24.1	155.5	<0.002	2.92	9.67	7.0	2	1.4	329	0.32	0.87	7.4	0.173	1.86	2.7
K520566		105.5	213	<0.002	3.63	4.81	6.3	2	1.8	270	0.37	2.98	7.1	0.186	1.89	3.5
K520567		78.7	156.0	<0.002	1.83	16.45	6.7	2	2.0	297	0.40	0.14	6.5	0.196	1.98	4.1
K520568		26.4	160.5	<0.002	2.24	14.55	6.4	1	1.7	374	0.30	1.37	6.8	0.167	2.16	4.5
K520569		32.2	179.0	<0.002	2.79	12.95	6.2	1	2.6	259	0.37	0.63	6.4	0.178	2.05	2.9
K520570		22.1	199.5	<0.002	3.04	6.07	6.8	2	2.1	268	0.32	1.59	6.9	0.161	2.04	3.9
K520571		77.3	199.0	<0.002	3.73	55.8	6.5	2	1.8	335	0.31	1.73	7.3	0.162	2.00	4.6
K520572		16.6	170.5	<0.002	2.93	5.62	6.2	2	2.3	356	0.34	1.47	6.8	0.171	1.90	2.4
K520573		15.3	164.5	<0.002	2.72	5.12	6.1	2	2.1	346	0.32	1.30	6.8	0.165	1.83	2.6
K520574		15.0	177.0	<0.002	2.82	4.97	6.4	1	2.2	360	0.34	2.22	6.8	0.170	1.89	2.7
K520575		1.4	2.0	<0.002	0.02	0.05	0.2	1	<0.2	47.3	<0.05	<0.05	<0.2	0.010	0.02	0.7
K520576		39.3	176.0	<0.002	3.03	6.30	6.3	2	1.3	331	0.31	1.55	7.6	0.150	1.61	2.7
K520577		25.0	209	<0.002	3.23	3.81	7.1	2	1.3	329	0.31	0.83	8.0	0.142	1.71	3.2
K520578		269	236	<0.002	3.76	5.98	7.7	3	1.6	271	0.32	2.15	8.2	0.146	1.75	3.3
K520579		22.8	163.0	<0.002	3.03	3.06	6.0	1	1.4	367	0.27	0.60	6.6	0.148	1.48	2.5
K520580		79.8	180.5	<0.002	3.77	5.93	6.7	2	1.4	300	0.21	1.69	7.1	0.117	1.73	2.3
K520581		90.5	159.0	0.002	2.70	4.18	6.0	1	1.3	367	0.25	0.78	6.5	0.139	1.50	2.4
K520582		258	191.0	<0.002	2.79	6.96	6.2	1	1.4	299	0.27	0.70	7.0	0.147	1.82	2.7
K520583		383	169.5	<0.002	2.63	6.30	6.2	1	1.4	326	0.25	1.93	6.9	0.141	1.73	2.6





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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
K520544		54	2.4	11.3	79	33.9
K520545		55	2.6	10.3	216	37.5
K520546		51	4.6	10.1	79	37.3
K520547		54	3.4	10.9	51	33.3
K520548		57	2.7	10.5	75	32.8
K520549		58	2.5	11.6	66	34.5
K520550		58	2.2	12.5	77	34.1
K520551		60	2.6	11.7	143	34.2
K520552		56	2.6	11.7	66	32.6
K520553		55	5.1	11.4	60	34.1
K520554		59	3.5	11.8	64	38.0
K520555		57	3.2	12.2	62	34.1
K520556		57	3.3	11.5	55	35.0
K520557		58	4.3	12.1	97	39.0
K520558		54	4.1	13.3	72	37.8
K520559		53	4.6	12.2	72	36.8
K520560		56	5.8	10.8	299	35.7
K520561		52	5.7	11.8	366	41.7
K520562		53	5.3	10.1	102	35.4
K520563		57	4.9	10.7	72	41.3
K520564		59	6.4	12.5	54	42.9
K520565		61	6.5	8.4	57	41.6
K520566		54	12.8	8.8	91	38.8
K520567		59	8.7	7.9	146	39.8
K520568		54	5.9	7.5	67	39.9
K520569		55	7.0	9.0	63	37.3
K520570		56	8.2	8.1	46	40.8
K520571		53	12.0	8.3	98	40.2
K520572		56	6.0	8.3	33	38.9
K520573		53	5.8	8.1	31	36.5
K520574		55	6.0	8.6	33	38.5
K520575		3	0.1	1.0	15	<0.5
K520576		48	5.7	9.0	49	35.8
K520577		48	7.3	10.6	39	37.6
K520578		50	5.0	8.4	592	36.1
K520579		52	4.0	8.9	36	36.8
K520580		52	4.6	8.1	211	38.0
K520581		52	6.1	8.3	68	38.7
K520582		53	5.4	8.9	157	37.1
K520583		52	19.6	8.3	181	37.3



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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
K520584		4.29	0.035	3.69	7.76	816	1260	1.76	1.77	2.66	5.63	52.3	4.5	13	8.20	370
K520585		4.62	0.037	2.53	7.90	467	1030	1.74	4.41	2.62	3.26	46.0	8.5	13	9.60	78.2
K520586		3.84	0.006	0.83	8.22	195.5	1440	1.88	0.97	2.64	0.72	40.4	3.5	12	7.33	191.5
K520587		4.17	0.019	0.88	8.34	151.5	1480	1.88	1.86	2.41	0.61	52.5	8.7	12	9.68	166.0
K520588		4.39	0.053	1.75	7.71	464	1700	1.66	3.98	2.63	0.75	45.7	5.8	17	12.30	230
K520589		4.54	0.147	3.03	7.99	539	1040	1.60	4.18	2.60	1.37	42.0	6.7	14	12.90	213
K520590		4.05	1.100	14.10	7.83	319	580	1.34	8.66	1.90	3.11	37.9	9.1	13	8.66	3390
K520591		4.73	0.024	1.40	7.67	603	1450	1.69	1.42	2.54	1.47	40.3	9.5	15	7.69	110.0
K520592		4.34	0.022	0.73	7.71	529	1670	1.81	1.03	2.26	0.67	43.9	6.6	13	9.25	134.0
K520593		4.37	0.028	0.93	7.88	602	1000	1.91	1.24	2.41	1.32	44.9	7.3	13	9.72	125.5
K520594		4.82	0.064	1.46	7.29	1105	1080	2.05	1.17	2.30	6.11	41.7	4.7	17	7.23	169.5
K520595		4.10	0.051	0.77	7.75	483	1010	1.76	2.49	3.01	0.63	43.6	7.3	14	7.21	114.0
K520596		4.52	0.027	1.48	7.87	820	1290	1.85	2.04	2.50	1.21	46.3	5.3	12	7.64	142.5
K520597		4.21	0.042	1.66	7.70	548	1050	1.64	1.82	2.25	2.39	46.3	7.4	10	9.03	120.0
K520598		4.37	0.039	2.55	7.53	1275	1310	1.88	1.76	2.80	1.35	41.7	8.3	12	9.84	165.0
K520599		3.96	0.045	3.02	7.62	823	1600	1.84	1.34	2.71	1.25	44.0	7.2	13	9.31	204
K520600		4.84	0.047	4.21	7.15	967	1560	1.70	1.36	3.59	10.25	35.7	8.9	11	7.56	258
K520601		4.11	0.193	11.30	6.75	2190	750	1.30	4.52	3.97	4.90	35.9	7.5	13	5.54	164.5
K520602		4.05	0.083	2.43	6.58	280	560	1.31	4.12	3.85	1.15	32.2	6.2	14	6.07	151.0
K520603		4.75	0.144	2.43	6.50	227	550	1.15	6.90	3.48	2.12	33.0	13.7	14	7.46	375
K520604		4.56	0.106	13.00	6.97	1190	1510	1.14	2.23	2.66	44.7	33.8	6.8	20	4.03	398
K520605		4.46	0.052	0.61	7.68	53.4	1600	1.11	5.46	2.23	0.44	40.2	9.5	21	3.33	44.5
K520606		4.09	0.231	1.24	7.38	1520	1220	1.31	12.95	4.13	1.32	38.0	7.3	19	6.42	71.2
K520607		4.19	0.022	0.97	7.40	58.3	1120	1.39	4.55	3.36	0.55	42.7	7.7	17	4.22	100.5
K520608		1.99	0.037	1.52	7.50	64.9	1620	1.28	4.34	5.21	0.66	45.3	7.2	20	4.69	179.0
K520609		2.36	0.048	1.72	7.07	70.2	740	1.24	5.52	3.24	0.70	38.7	7.6	19	4.61	196.0
K520610		<0.02	0.054	1.72	6.89	65.3	790	1.23	5.61	3.04	0.67	39.6	7.1	18	4.52	178.5
K520611		2.53	<0.001	0.02	0.11	<5	20	0.05	0.04	21.1	0.05	1.36	1.3	<1	0.16	4.1
K520612		4.08	0.066	1.09	7.60	51.1	1220	1.42	10.55	2.51	0.60	42.0	6.6	17	8.46	90.6
K520613		4.82	0.224	5.43	7.46	67.1	1260	1.31	14.00	3.38	1.02	50.0	5.3	17	3.98	854
K520614		4.15	0.304	4.58	7.57	396	1050	1.43	9.44	3.22	0.76	51.0	7.3	19	4.06	328
K520615		4.57	0.089	1.60	6.86	722	1650	1.32	6.46	3.21	0.70	38.4	5.5	19	4.94	29.8
K520616		4.18	0.037	1.10	6.81	52.0	1250	1.44	4.96	3.54	0.38	19.70	9.1	20	4.49	14.9
K520617		4.51	0.048	0.84	7.66	112.5	1440	1.32	3.49	3.47	0.55	41.2	7.7	21	4.52	32.3
K520618		4.37	0.023	2.46	7.13	113.0	1320	1.41	2.73	2.99	1.57	42.9	6.2	20	5.19	272
K520619		4.26	0.049	1.48	7.50	564	1210	1.39	2.14	2.29	5.18	44.8	11.5	17	9.92	113.5
K520620		4.07	0.169	4.86	7.07	2930	970	1.35	3.38	2.42	8.94	39.1	8.7	12	9.19	129.5
K520621		4.29	0.102	4.30	6.97	2440	920	1.43	1.88	2.72	9.51	36.7	5.7	20	11.45	183.0
K520622		3.88	0.173	5.55	7.01	2440	870	1.31	9.02	2.64	27.2	38.0	7.1	26	10.10	130.0
K520623		3.85	0.041	0.97	7.28	616	1130	1.48	2.87	2.35	0.74	44.4	15.2	29	9.01	155.0



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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
K520584		2.54	18.80	0.11	1.2	0.050	3.85	23.2	16.7	0.83	157	1.99	1.20	3.8	5.5	600
K520585		3.04	20.0	0.11	1.2	0.022	3.74	20.9	15.0	0.82	141	1.59	1.12	4.0	5.4	620
K520586		2.30	18.95	0.08	1.1	0.009	3.35	18.5	19.2	0.91	133	1.18	1.66	3.2	4.2	630
K520587		3.04	19.65	0.09	1.2	<0.005	4.25	23.7	16.5	0.88	122	1.42	1.20	3.8	6.2	630
K520588		2.78	19.35	0.13	1.2	0.023	4.68	21.5	13.6	0.77	142	1.30	0.43	4.6	7.2	590
K520589		3.01	18.20	0.14	1.1	0.038	5.24	19.6	12.1	0.73	145	1.39	0.23	4.2	6.8	600
K520590		4.13	18.55	0.11	1.1	0.156	5.36	16.9	16.4	0.82	128	1.77	0.31	3.5	6.0	600
K520591		2.96	17.75	0.14	1.2	0.011	4.77	18.2	15.7	0.88	137	1.15	0.57	3.6	6.3	600
K520592		2.74	19.00	0.09	1.1	0.007	4.24	20.0	15.0	0.81	133	0.85	0.99	3.7	5.3	600
K520593		3.72	19.30	0.12	1.1	0.009	3.40	20.4	18.0	0.99	134	0.93	1.03	3.5	5.3	590
K520594		3.66	18.90	0.08	1.1	0.037	3.91	18.6	22.8	1.21	138	1.51	0.71	3.7	7.2	560
K520595		3.62	19.65	0.10	1.2	<0.005	3.41	20.4	16.4	0.98	146	1.01	0.88	3.7	5.9	590
K520596		3.23	18.75	0.09	1.2	<0.005	3.92	20.7	15.6	0.86	133	1.13	0.94	3.8	4.6	590
K520597		2.96	18.35	0.12	1.0	0.021	4.74	20.2	15.0	0.84	118	1.41	0.50	4.7	4.8	580
K520598		2.60	18.85	0.10	1.1	0.009	4.29	18.7	8.8	0.69	148	0.96	0.45	5.6	5.0	590
K520599		2.53	18.70	0.10	1.0	0.026	4.73	20.4	11.5	0.82	147	1.18	0.61	5.5	4.9	590
K520600		2.60	18.45	0.10	1.1	0.059	4.27	16.6	10.7	0.75	171	1.10	0.68	5.3	5.4	570
K520601		2.95	17.20	0.09	1.1	0.050	4.23	17.6	8.7	0.70	195	0.91	0.22	4.9	6.1	550
K520602		3.07	16.50	0.10	1.1	0.030	3.94	15.4	10.4	0.72	162	1.31	0.76	5.2	7.0	550
K520603		4.00	16.70	0.11	1.1	0.049	3.90	16.3	11.6	0.77	133	1.21	0.52	3.8	8.9	530
K520604		2.10	15.95	0.09	1.2	0.321	4.95	17.2	8.0	0.74	140	1.27	0.46	4.4	9.7	570
K520605		2.89	16.00	0.10	1.2	0.010	5.60	20.6	10.7	0.91	96	0.96	0.62	4.7	10.1	600
K520606		3.21	15.70	0.11	1.1	0.020	4.53	19.1	9.6	0.88	238	0.66	0.39	4.8	9.5	580
K520607		2.76	15.75	0.10	1.2	0.019	3.60	21.9	9.8	0.82	133	0.62	0.59	4.6	8.8	560
K520608		2.67	15.45	0.10	1.2	0.027	4.15	23.5	11.2	0.89	172	2.25	0.67	5.1	9.1	570
K520609		2.92	16.15	0.11	1.2	0.029	4.31	19.0	11.3	0.85	143	1.68	0.68	5.0	10.0	590
K520610		2.71	15.60	0.11	1.2	0.027	4.12	19.7	11.1	0.82	135	1.49	0.66	4.7	9.1	570
K520611		0.48	0.30	<0.05	<0.1	<0.005	0.04	0.7	1.0	13.05	195	0.09	0.02	0.3	2.5	180
K520612		3.62	18.55	0.13	1.2	0.019	4.04	20.9	16.2	0.95	97	0.73	0.69	3.7	8.5	580
K520613		2.86	16.35	0.12	1.1	0.085	3.76	25.9	12.7	1.07	114	0.94	0.51	4.2	8.1	570
K520614		2.86	17.05	0.11	1.2	0.043	3.75	26.6	12.5	0.90	134	0.59	0.68	4.5	10.1	590
K520615		1.77	15.70	0.10	1.2	0.014	4.39	19.3	10.0	0.71	167	1.04	0.35	4.8	6.7	560
K520616		2.20	16.85	0.09	1.3	0.007	3.70	8.6	14.0	0.77	153	0.88	0.51	4.9	9.0	580
K520617		2.44	17.00	0.10	1.3	0.018	4.21	20.5	11.2	0.83	129	0.62	0.30	4.8	9.0	600
K520618		2.59	17.65	0.12	1.3	0.046	4.20	21.6	9.8	0.69	113	0.92	0.69	5.3	8.9	600
K520619		2.96	16.75	0.13	1.2	0.044	5.09	22.9	8.2	0.74	128	1.71	0.50	5.8	5.9	600
K520620		3.28	15.75	0.13	1.2	0.113	5.24	19.8	9.5	0.83	131	1.12	0.28	5.4	5.3	560
K520621		3.36	17.30	0.13	1.3	0.107	3.95	17.9	19.4	0.90	141	1.04	0.75	5.4	8.8	600
K520622		3.50	16.80	0.12	1.4	0.283	3.59	19.0	23.5	1.00	131	1.15	1.04	4.8	9.4	590
K520623		3.24	17.75	0.11	1.5	0.017	3.16	22.8	19.0	1.00	123	2.29	1.67	5.0	12.3	620



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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
K520584		163.5	170.5	<0.002	2.31	8.31	6.0	1	1.3	330	0.28	0.13	7.2	0.149	1.70	3.8
K520585		257	183.5	<0.002	2.95	4.68	6.8	1	1.3	305	0.30	0.66	7.4	0.150	1.69	3.5
K520586		18.9	136.5	<0.002	1.24	8.91	5.8	1	0.9	314	0.26	<0.05	7.2	0.135	1.50	4.5
K520587		19.8	185.0	<0.002	2.28	4.66	6.5	1	1.0	332	0.27	0.18	7.7	0.139	1.70	3.7
K520588		22.5	211	<0.002	2.31	5.42	6.3	1	1.7	248	0.33	1.37	7.2	0.163	2.10	4.8
K520589		155.0	227	<0.002	2.72	6.77	6.3	1	2.1	242	0.30	1.33	7.3	0.161	2.14	3.6
K520590		27.5	222	<0.002	4.13	7.69	6.6	2	2.4	224	0.29	2.99	6.5	0.139	1.96	4.4
K520591		108.0	190.5	<0.002	2.34	6.88	6.1	2	1.1	260	0.27	0.32	6.8	0.143	1.91	3.2
K520592		24.6	166.0	<0.002	1.80	5.94	5.8	1	1.1	296	0.29	0.10	7.1	0.142	1.82	3.2
K520593		96.9	166.0	<0.002	2.90	7.49	6.0	1	1.0	260	0.26	0.11	7.5	0.141	1.77	3.5
K520594		92.7	145.5	<0.002	2.51	5.47	5.9	<1	1.2	283	0.29	0.10	5.9	0.156	1.51	3.0
K520595		31.0	154.5	<0.002	2.78	3.70	6.1	1	1.3	263	0.29	0.16	6.8	0.148	1.50	3.5
K520596		108.0	177.5	<0.002	2.40	5.79	6.0	1	1.2	274	0.31	0.12	7.3	0.148	1.71	3.4
K520597		145.5	199.5	<0.002	2.52	7.60	6.0	1	1.5	287	0.32	0.41	7.0	0.160	2.01	3.1
K520598		96.2	181.0	<0.002	2.25	13.00	5.8	1	2.0	254	0.40	0.53	6.5	0.194	1.82	3.5
K520599		187.0	205	<0.002	2.06	8.34	5.9	1	1.9	317	0.40	0.25	6.9	0.197	1.85	3.6
K520600		344	163.0	<0.002	2.24	16.55	5.5	1	2.2	322	0.39	0.27	6.2	0.187	1.84	3.8
K520601		1455	143.0	<0.002	2.87	15.00	5.4	2	2.3	225	0.36	0.98	6.4	0.168	1.43	3.4
K520602		199.5	146.0	<0.002	3.07	3.50	5.6	2	2.0	306	0.38	1.01	6.1	0.175	1.34	3.4
K520603		137.0	162.0	<0.002	3.96	4.15	6.1	3	2.0	247	0.27	1.57	6.7	0.133	1.34	4.2
K520604		1880	152.5	<0.002	1.95	15.15	6.4	2	2.1	254	0.33	0.43	7.9	0.153	1.54	3.8
K520605		21.1	147.5	<0.002	2.66	1.15	7.1	2	1.8	297	0.35	0.99	8.2	0.169	1.58	4.9
K520606		59.5	193.0	<0.002	3.11	2.90	6.8	3	2.1	249	0.35	5.23	8.0	0.169	1.51	4.4
K520607		17.4	145.0	<0.002	2.59	1.63	6.5	2	1.9	185.5	0.33	1.42	7.8	0.164	1.21	2.6
K520608		34.5	155.0	<0.002	2.41	2.83	6.7	2	1.9	339	0.37	0.80	7.9	0.172	1.29	7.5
K520609		34.7	142.0	<0.002	2.75	2.57	6.6	2	2.0	275	0.37	1.09	6.8	0.171	1.33	4.2
K520610		35.0	140.0	<0.002	2.51	2.50	6.4	2	1.9	266	0.35	1.09	6.9	0.161	1.30	4.0
K520611		2.1	1.6	<0.002	0.01	0.05	0.3	1	<0.2	48.0	<0.05	<0.05	<0.2	0.006	<0.02	0.5
K520612		27.8	180.0	<0.002	3.53	1.51	6.9	3	1.6	291	0.28	3.26	8.7	0.143	1.34	4.7
K520613		25.8	142.5	<0.002	2.69	2.62	6.4	3	2.4	228	0.32	5.16	8.0	0.156	1.16	4.7
K520614		42.6	148.5	<0.002	2.64	2.81	6.8	3	2.3	217	0.34	5.18	8.7	0.160	1.21	4.2
K520615		77.4	144.5	<0.002	1.59	1.86	5.7	2	2.5	201	0.35	2.63	6.7	0.169	1.34	3.6
K520616		32.1	123.0	<0.002	2.07	1.30	6.2	2	2.2	194.5	0.37	1.59	6.7	0.175	1.17	3.2
K520617		29.8	156.5	<0.002	2.22	1.44	6.5	2	2.3	216	0.36	0.60	8.0	0.175	1.32	4.3
K520618		103.5	163.5	<0.002	2.35	2.24	6.7	2	2.4	259	0.40	0.68	7.5	0.187	1.41	4.0
K520619		77.9	212	<0.002	2.67	2.71	6.2	2	2.2	306	0.41	0.21	7.6	0.189	1.84	4.0
K520620		538	182.5	<0.002	2.93	6.63	6.2	2	1.8	295	0.39	0.90	7.4	0.178	1.95	4.0
K520621		586	173.5	<0.002	2.57	7.91	7.2	2	1.8	351	0.38	0.42	6.6	0.193	1.86	3.4
K520622		961	141.5	<0.002	2.69	8.80	7.7	2	1.7	412	0.35	3.10	6.5	0.184	1.67	3.4
K520623		51.2	145.5	<0.002	2.23	3.27	8.4	2	1.9	472	0.35	0.72	7.6	0.197	1.65	3.7



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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
K520584		53	3.8	8.9	253	37.6
K520585		55	3.2	9.7	155	38.8
K520586		54	2.7	8.7	50	35.2
K520587		55	3.7	10.2	48	38.2
K520588		53	4.6	9.6	43	39.6
K520589		54	6.2	9.3	81	36.5
K520590		55	9.5	7.8	160	35.0
K520591		54	3.9	8.1	89	37.5
K520592		52	3.6	7.9	48	37.3
K520593		55	3.1	9.0	89	36.6
K520594		56	2.8	7.9	339	34.3
K520595		55	3.0	9.3	55	35.2
K520596		52	3.4	8.1	77	35.8
K520597		53	3.8	8.8	120	34.2
K520598		52	5.2	8.0	76	34.6
K520599		54	4.6	8.3	75	32.5
K520600		51	5.2	6.9	533	32.5
K520601		47	6.6	8.3	303	28.9
K520602		49	8.7	7.9	76	29.2
K520603		48	6.5	7.5	125	28.0
K520604		47	8.2	7.0	2060	30.4
K520605		52	10.7	7.4	36	31.1
K520606		51	6.9	8.7	82	29.1
K520607		50	4.2	8.0	40	30.2
K520608		51	10.8	11.4	48	31.2
K520609		52	10.1	8.2	51	31.5
K520610		49	9.6	8.0	48	30.7
K520611		3	0.1	0.9	14	0.7
K520612		52	8.4	7.8	50	30.0
K520613		50	8.2	8.2	71	28.9
K520614		51	5.9	9.2	50	31.9
K520615		48	8.1	6.6	42	31.6
K520616		53	4.7	6.1	28	32.9
K520617		52	3.1	7.0	42	33.0
K520618		55	5.3	7.7	90	33.6
K520619		50	5.9	8.7	268	30.7
K520620		48	5.0	8.4	397	28.9
K520621		58	4.5	8.7	437	36.0
K520622		59	5.1	8.8	1280	39.4
K520623		63	3.1	9.6	63	42.2



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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
K520624		3.92	0.346	1.38	6.72	2850	1230	1.46	2.14	2.48	1.82	34.0	4.8	21	10.30	156.5
K520625		3.77	0.075	5.67	6.45	1825	1210	1.52	2.58	2.50	4.80	35.6	8.9	14	9.64	92.3
K520626		4.21	0.052	4.23	7.14	745	1070	1.36	3.83	2.26	5.57	38.9	9.0	11	6.98	79.5
K520627		4.03	0.071	1.98	7.29	394	1220	1.49	2.21	2.34	0.79	37.7	6.3	16	7.08	281
K520628		4.22	0.138	2.91	6.96	1675	1290	1.42	2.01	3.27	2.75	33.7	6.5	19	10.05	254
K520629		3.55	0.032	1.70	6.46	70.9	1050	1.43	3.37	2.51	2.67	36.7	11.7	16	7.67	103.0
K520630		4.84	0.068	4.87	7.27	680	900	1.16	4.63	2.30	10.45	39.5	11.6	19	5.56	81.7
K520631		4.19	0.048	2.95	7.04	608	680	1.09	2.90	2.27	6.66	30.9	11.2	20	5.40	52.4
K520632		4.88	0.058	2.69	6.53	656	480	1.12	2.19	2.82	4.61	37.5	10.9	18	6.88	130.0
K520633		2.56	0.118	2.38	7.16	125.5	1090	1.44	4.98	2.90	1.83	35.9	5.8	18	5.60	285
K520634		4.20	0.081	1.92	7.15	981	1030	1.67	1.85	3.00	3.49	36.8	6.2	16	7.06	252
K520635		4.25	0.043	2.28	7.03	261	1080	1.59	1.69	2.62	0.71	35.7	6.5	22	6.39	388
K520636		3.96	0.032	1.10	6.96	72.3	1080	1.58	2.55	2.53	0.45	36.3	7.8	21	6.48	105.5
K520637		3.87	0.042	1.38	7.23	113.0	1240	2.29	1.98	2.48	0.63	48.0	7.0	14	8.53	190.5
K520638		3.69	0.100	1.31	6.43	718	1200	2.14	1.86	2.73	0.54	38.8	6.9	17	12.45	189.5
K520639		4.45	0.064	3.51	6.61	627	1110	2.29	2.45	2.64	2.20	39.2	5.4	18	10.50	271
K520640		4.08	0.074	2.91	6.66	373	1010	2.37	3.10	2.59	2.42	44.1	7.3	19	11.15	249
K520641		4.52	0.081	1.54	6.83	64.1	670	2.02	3.54	2.25	0.55	42.6	12.8	24	8.71	214
K520642		3.88	0.020	1.17	6.70	88.4	1100	2.00	1.38	2.33	1.32	48.5	10.9	19	4.30	46.4
K520643		4.04	0.019	1.48	7.31	36.2	1380	2.11	0.98	2.27	1.89	49.4	10.6	18	5.32	154.0
K520644		2.18	0.059	1.13	7.16	18.5	1730	1.84	1.18	2.07	0.60	44.9	9.0	16	4.67	207
K520645		2.14	0.061	1.17	7.04	14.9	1580	1.99	1.34	2.09	0.58	47.5	9.4	17	5.02	228
K520646		<0.02	0.102	1.14	7.19	13.6	1600	1.94	1.23	2.07	0.61	45.4	9.0	18	4.80	221
K520647		1.07	<0.001	0.01	0.08	<5	20	<0.05	0.02	19.50	0.06	1.44	1.4	1	0.20	3.8
K520648		4.35	0.147	3.45	7.24	658	880	2.30	1.81	2.13	8.41	45.3	10.7	17	7.89	339
K520649		3.96	0.058	3.73	7.07	1020	1240	1.96	1.21	2.75	14.95	51.4	7.9	18	6.37	243
K520650		4.32	0.328	2.69	6.87	1835	1420	2.01	1.25	2.02	2.04	46.6	8.6	19	5.72	366
K520651		3.83	0.026	1.32	6.90	121.0	1100	1.90	2.00	2.15	0.38	43.0	8.5	20	5.25	193.5
K520652		3.93	0.082	1.40	7.11	550	620	1.82	2.82	2.08	0.47	41.5	8.2	17	6.57	175.0
K520653		3.93	0.044	1.35	7.16	408	1150	1.88	1.28	2.07	0.46	39.2	6.4	16	8.20	187.0
K520654		4.14	0.015	0.58	6.75	67.5	1270	2.06	1.44	2.16	0.33	39.4	7.2	17	9.53	19.2
K520655		3.66	0.140	1.00	6.78	1290	820	2.08	2.52	2.44	0.35	62.2	7.3	15	12.65	11.7
K520656		3.89	0.108	3.61	7.77	1415	1590	1.84	1.38	2.32	6.16	68.0	9.6	18	13.00	12.0
K520657		4.55	0.054	0.57	7.04	617	1190	1.69	1.61	2.55	0.55	67.5	11.3	19	12.15	14.6
K520658		3.50	0.078	12.85	6.82	717	1000	1.50	3.25	2.62	6.54	54.6	13.4	21	10.15	75.6
K520659		4.49	0.051	1.44	6.93	213	1450	1.58	0.95	2.24	0.50	48.5	9.4	17	8.54	234
K520660		4.22	0.027	0.32	7.31	38.3	1800	1.91	0.69	2.05	0.36	51.5	8.5	17	6.54	9.2
K520661		4.17	0.033	0.34	7.06	132.0	1650	1.72	0.58	2.04	0.34	48.5	10.7	18	8.93	33.6
K520662		4.14	0.041	0.29	6.89	462	1580	1.68	0.66	2.34	0.24	41.1	8.1	16	11.30	9.4
K520663		3.72	0.009	0.38	6.77	98.2	1440	1.95	0.50	2.50	0.34	30.1	6.9	18	12.25	8.1



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**CERTIFICATE OF ANALYSIS WH11144876**

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
K520624		2.59	16.05	0.10	1.2	0.031	4.44	17.0	11.8	0.79	200	1.26	0.57	5.4	7.2	560
K520625		2.35	16.70	0.10	1.2	0.038	4.87	16.8	11.1	0.69	174	1.01	0.31	5.5	6.4	540
K520626		2.72	17.80	0.11	1.2	0.054	4.97	19.0	10.7	0.79	159	0.87	0.53	4.9	5.8	560
K520627		2.47	18.70	0.10	1.4	0.043	4.74	19.5	10.9	0.85	194	3.78	1.08	5.6	5.3	620
K520628		2.58	17.05	0.11	1.3	0.041	4.90	16.7	7.5	0.75	220	0.91	0.35	5.5	6.3	580
K520629		2.40	19.15	0.09	1.3	0.031	4.30	16.9	9.4	0.62	138	1.16	0.89	6.2	5.3	570
K520630		2.70	18.40	0.15	1.3	0.105	3.86	19.2	8.6	0.71	150	1.37	0.61	5.9	4.6	580
K520631		2.67	17.10	0.13	1.3	0.049	3.77	14.3	7.0	0.62	163	1.37	0.23	5.5	4.6	560
K520632		2.46	17.90	0.13	1.3	0.043	3.94	17.6	10.9	0.70	166	1.32	0.38	5.8	5.1	570
K520633		2.56	16.80	0.10	1.3	0.052	4.01	19.3	18.0	0.90	143	1.49	0.84	5.6	4.9	580
K520634		2.68	17.25	0.09	1.3	0.058	3.82	19.3	13.8	0.78	168	1.19	0.79	5.5	5.9	600
K520635		2.31	16.05	0.09	1.3	0.048	3.53	19.1	16.5	0.81	134	1.13	1.23	5.4	7.9	580
K520636		2.44	16.70	0.10	1.3	0.022	3.62	19.4	12.6	0.76	122	1.15	1.21	5.5	6.6	580
K520637		2.54	19.20	0.12	1.5	0.025	3.94	24.8	13.1	0.80	121	1.17	1.26	5.9	5.2	590
K520638		2.21	19.40	0.11	1.3	0.031	4.01	18.9	8.4	0.69	176	0.99	0.68	5.6	5.3	570
K520639		2.37	19.85	0.11	1.4	0.046	4.11	19.6	8.4	0.68	144	1.25	0.67	6.1	5.4	580
K520640		2.54	19.35	0.11	1.4	0.038	4.25	22.1	12.3	0.78	132	1.16	0.43	5.7	5.9	570
K520641		3.69	17.55	0.11	1.3	0.031	4.47	21.5	12.4	0.75	104	1.63	0.65	5.5	6.3	550
K520642		2.31	18.10	0.10	1.3	0.017	3.52	25.1	30.1	0.79	110	0.93	1.52	5.9	5.2	570
K520643		2.42	19.30	0.12	1.4	0.032	3.92	25.5	20.0	0.86	124	1.88	1.69	6.2	5.7	590
K520644		1.90	18.60	0.10	1.4	0.029	3.95	23.3	18.5	0.77	96	1.48	1.79	5.7	4.7	580
K520645		1.95	20.1	0.11	1.4	0.039	3.78	23.7	18.6	0.79	98	1.56	1.86	5.3	4.9	600
K520646		1.92	19.30	0.09	1.4	0.035	3.79	23.5	18.1	0.79	95	1.64	1.86	5.7	5.0	580
K520647		0.47	0.45	0.20	<0.1	<0.005	0.04	0.7	1.1	11.85	205	0.07	0.01	0.3	1.6	230
K520648		2.56	20.6	0.22	1.5	0.083	3.95	23.3	14.9	0.75	105	1.93	1.50	6.3	6.0	580
K520649		2.21	19.90	0.19	1.4	0.118	4.35	26.1	6.2	0.76	173	3.37	1.06	5.9	5.6	600
K520650		2.10	18.90	0.15	1.4	0.064	4.41	24.5	5.9	0.79	154	1.57	1.14	5.6	5.5	570
K520651		2.33	20.2	0.13	1.4	0.049	4.24	21.5	7.0	0.84	174	2.06	1.37	5.5	5.2	580
K520652		2.97	19.30	0.12	1.4	0.030	5.25	20.8	7.8	0.80	369	3.99	0.81	6.1	6.2	580
K520653		2.22	19.20	0.10	1.4	0.038	4.96	20.0	7.1	0.73	200	1.57	1.01	5.9	5.0	580
K520654		2.09	19.20	0.11	1.4	0.010	4.43	20.1	14.0	0.87	136	1.46	1.13	6.1	5.2	560
K520655		2.57	19.55	0.13	1.3	0.008	4.58	31.8	10.6	0.71	165	1.20	0.86	6.4	5.6	570
K520656		2.25	19.65	0.14	1.3	0.034	3.59	36.8	9.5	0.75	178	0.93	0.47	5.9	5.3	590
K520657		2.50	19.40	0.16	1.3	0.008	4.39	34.4	12.3	0.84	198	0.87	0.52	5.9	6.2	600
K520658		2.51	18.95	0.14	1.3	0.040	4.49	27.8	14.0	0.79	224	1.80	0.78	4.8	6.4	570
K520659		2.14	19.90	0.15	1.3	0.026	4.31	24.6	13.2	0.81	139	0.65	1.31	5.0	6.3	580
K520660		1.90	18.60	0.11	1.4	0.007	4.83	27.1	23.7	0.82	102	0.66	0.92	5.9	5.1	590
K520661		1.95	16.50	0.10	1.4	0.010	5.52	25.9	13.7	0.70	127	1.34	0.59	5.6	5.4	590
K520662		1.50	15.95	0.09	1.4	0.006	5.91	20.6	12.2	0.66	129	1.87	0.30	4.6	5.7	580
K520663		1.07	15.75	0.06	1.4	0.009	5.37	14.3	14.1	0.68	111	1.70	0.34	5.2	4.5	580





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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
K520624		74.2	185.0	<0.002	2.00	9.09	6.9	1	2.1	296	0.39	0.68	6.6	0.195	2.02	3.5
K520625		713	168.5	<0.002	2.21	8.34	6.0	2	2.1	249	0.41	0.69	6.4	0.181	1.91	3.1
K520626		613	203	<0.002	2.61	4.99	5.9	2	2.0	329	0.37	1.20	7.5	0.166	2.01	3.4
K520627		75.1	178.5	<0.002	2.25	3.34	5.6	2	2.0	383	0.44	0.45	7.7	0.182	2.04	4.2
K520628		255	171.5	<0.002	2.42	7.98	5.1	2	1.9	278	0.43	0.55	7.1	0.185	2.03	3.5
K520629		131.5	157.0	<0.002	2.28	2.13	5.7	2	2.1	317	0.48	0.99	5.6	0.188	1.50	3.6
K520630		652	138.0	<0.002	2.83	5.93	5.7	2	2.1	287	0.40	1.47	7.5	0.187	1.46	4.4
K520631		379	122.5	<0.002	2.91	5.60	5.1	2	2.2	216	0.38	0.92	7.3	0.175	1.43	4.3
K520632		269	125.0	<0.002	2.58	14.15	5.2	2	2.7	285	0.41	0.37	6.6	0.178	1.53	3.9
K520633		85.5	145.0	<0.002	2.43	15.25	5.4	2	2.2	269	0.43	0.27	7.4	0.183	1.35	3.5
K520634		105.0	155.5	<0.002	2.64	4.62	5.4	2	2.5	222	0.42	0.27	7.3	0.180	1.39	3.8
K520635		21.3	141.5	<0.002	2.13	3.81	5.3	2	2.6	309	0.44	0.34	7.8	0.181	1.38	3.5
K520636		23.0	141.0	<0.002	2.37	1.58	5.3	2	2.5	313	0.43	0.45	7.7	0.179	1.25	3.5
K520637		24.7	196.0	<0.002	2.21	2.89	7.2	3	2.2	386	0.47	0.45	7.8	0.180	1.21	3.9
K520638		18.7	191.0	<0.002	1.98	3.04	6.5	2	2.4	307	0.45	0.49	6.1	0.178	1.40	3.2
K520639		336	179.0	<0.002	2.23	4.61	6.4	3	2.9	302	0.48	0.63	5.9	0.185	1.38	3.5
K520640		140.5	168.0	<0.002	2.42	4.19	6.5	3	3.0	286	0.46	1.17	6.4	0.179	1.27	3.3
K520641		29.6	192.5	<0.002	3.70	2.80	6.5	4	2.3	309	0.41	1.41	6.4	0.167	1.10	3.7
K520642		80.1	136.5	<0.002	2.19	1.75	6.5	2	2.4	344	0.45	0.53	6.0	0.178	0.87	2.8
K520643		83.2	167.5	<0.002	2.23	2.01	6.6	2	2.9	438	0.48	0.26	6.8	0.185	0.98	3.0
K520644		10.9	157.5	<0.002	1.68	1.74	6.7	2	2.6	462	0.45	0.35	7.1	0.178	0.94	3.1
K520645		11.7	155.0	<0.002	1.71	1.77	7.1	2	2.6	466	0.43	0.38	7.4	0.162	0.96	3.6
K520646		10.1	155.5	<0.002	1.68	1.69	6.9	2	2.6	467	0.45	0.35	7.2	0.176	0.93	3.2
K520647		1.4	2.1	<0.002	0.01	0.05	0.3	1	<0.2	47.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.6
K520648		336	186.0	<0.002	2.52	5.73	7.2	3	3.5	423	0.50	0.50	7.8	0.186	1.13	5.0
K520649		265	180.0	<0.002	2.21	8.68	6.8	3	3.1	313	0.46	0.33	7.2	0.182	1.25	4.2
K520650		93.7	172.5	<0.002	1.96	7.84	6.7	2	3.0	326	0.44	0.36	6.7	0.172	1.22	3.3
K520651		14.4	178.5	<0.002	2.28	3.05	6.8	2	3.0	332	0.43	0.69	7.0	0.173	1.18	3.4
K520652		31.5	184.5	<0.002	3.04	5.94	6.5	3	3.7	295	0.47	1.15	6.9	0.189	1.52	3.1
K520653		19.8	189.5	<0.002	2.17	5.85	6.5	2	3.0	345	0.48	0.26	7.0	0.183	1.51	3.4
K520654		13.4	191.0	<0.002	1.96	2.01	6.6	2	2.5	348	0.49	0.36	6.7	0.188	1.38	2.8
K520655		112.5	207	<0.002	2.50	3.17	6.9	3	2.4	336	0.49	1.03	6.5	0.190	1.48	3.0
K520656		771	163.5	<0.002	2.16	7.37	6.7	2	2.5	298	0.45	0.30	8.6	0.195	2.01	3.8
K520657		25.9	156.0	<0.002	2.36	3.96	6.0	3	2.4	299	0.51	0.42	7.0	0.191	1.81	4.8
K520658		1855	165.0	<0.002	2.40	13.90	6.3	3	2.2	335	0.40	0.70	6.6	0.161	1.49	3.1
K520659		16.8	157.0	<0.002	1.94	3.61	6.0	2	2.8	389	0.43	0.14	6.7	0.165	1.42	4.8
K520660		14.3	176.0	<0.002	1.68	2.03	6.5	3	2.1	364	0.46	0.14	7.3	0.182	1.18	3.6
K520661		11.8	192.5	<0.002	1.77	2.41	6.3	2	2.4	339	0.44	0.14	7.0	0.176	1.52	3.5
K520662		16.7	201	<0.002	1.33	2.93	6.1	2	2.1	289	0.38	0.17	7.0	0.155	1.63	3.4
K520663		48.9	208	<0.002	0.77	2.91	6.4	2	1.8	284	0.41	0.14	6.7	0.172	1.62	3.1



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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
K520624		56	5.7	7.7	113	32.4
K520625		49	5.9	7.6	259	29.9
K520626		49	5.8	8.2	261	29.1
K520627		53	6.1	7.7	60	37.5
K520628		49	5.3	8.1	161	35.0
K520629		50	5.7	7.1	134	33.0
K520630		52	6.4	7.4	463	37.3
K520631		50	7.6	7.3	298	36.0
K520632		49	6.5	7.0	206	36.5
K520633		52	7.1	6.3	102	35.3
K520634		52	6.8	7.4	181	37.5
K520635		51	7.4	6.9	50	35.9
K520636		52	5.6	6.8	37	37.2
K520637		50	4.5	8.1	42	40.7
K520638		50	5.6	7.5	37	37.8
K520639		49	5.6	8.1	105	39.3
K520640		47	6.2	8.8	111	37.8
K520641		47	8.3	8.7	37	37.3
K520642		49	10.3	7.2	64	37.6
K520643		50	12.5	8.3	88	39.4
K520644		51	8.5	7.7	38	38.2
K520645		51	7.8	8.0	38	38.0
K520646		52	8.3	7.8	38	37.9
K520647		2	0.1	1.0	14	0.5
K520648		50	8.2	9.0	360	41.1
K520649		52	7.9	9.4	618	39.9
K520650		51	8.5	8.2	97	37.3
K520651		51	13.3	9.8	25	38.8
K520652		48	9.2	8.4	30	37.0
K520653		51	9.1	7.6	32	38.6
K520654		52	7.3	7.6	25	37.5
K520655		51	7.6	9.4	26	38.1
K520656		54	7.1	8.9	284	38.9
K520657		56	7.0	9.3	36	38.4
K520658		54	7.7	8.6	330	37.4
K520659		52	7.3	8.8	36	39.6
K520660		50	6.5	9.5	29	40.0
K520661		49	6.8	8.8	25	37.7
K520662		50	7.2	8.8	20	38.7
K520663		50	5.7	8.8	24	39.2



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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
K520664		3.52	0.079	1.38	7.09	155.0	1570	1.92	6.84	1.66	1.13	44.1	5.6	23	7.51	151.0
K520665		4.26	0.584	24.6	6.55	6580	310	2.02	5.95	2.22	6.55	48.0	8.5	42	10.85	264
K520666		3.32	0.088	3.63	6.78	63.7	1110	1.82	24.7	2.77	1.40	40.8	10.6	18	7.76	320
K520667		4.58	0.055	2.10	6.39	281	1170	1.74	5.28	2.71	2.01	35.5	8.0	17	8.16	117.0
K520668		3.76	0.795	5.04	6.78	432	1100	2.02	15.45	2.72	7.09	38.9	7.6	17	8.95	233
K520669		3.74	0.077	1.26	7.08	21.9	1350	1.91	4.63	2.37	1.33	38.4	9.2	19	7.96	46.1
K520670		3.87	0.044	1.25	6.21	32.8	1150	1.84	8.66	3.08	0.50	33.2	8.3	17	5.87	53.0
K520671		3.97	0.046	1.11	6.97	75.3	1020	2.15	5.50	2.51	0.88	37.1	7.0	18	7.88	58.4
K520672		3.66	0.034	0.66	7.01	33.2	1020	1.96	2.22	2.64	0.62	35.7	6.7	18	6.27	43.2
K520673		3.87	0.062	0.83	7.26	243	610	1.76	2.32	3.18	0.81	37.8	7.4	20	8.30	49.4
K520674		3.97	0.079	0.89	7.05	216	780	1.69	4.41	5.38	0.71	46.5	7.8	19	9.52	49.3
K520675		3.86	0.056	0.96	7.16	206	1210	1.50	7.62	2.93	0.71	40.8	8.3	20	5.29	77.0
K520676		5.23	0.117	0.60	7.29	85.2	1130	1.43	4.30	3.00	0.55	44.2	8.7	20	6.07	55.5
K520677		4.08	0.057	0.30	7.42	46.8	1040	1.59	2.31	2.75	0.46	41.6	10.7	18	5.88	19.2
K520678		4.04	0.033	0.18	7.27	70.7	1020	1.62	1.65	3.15	0.47	38.9	8.6	18	5.76	5.9
K520679		4.50	0.066	0.19	7.41	108.0	1420	1.64	2.32	2.72	0.34	38.5	13.2	20	6.43	5.7
K520680		3.73	0.058	0.23	7.69	34.9	1340	1.89	2.99	2.89	0.43	44.4	13.1	21	8.80	2.8
K520681		5.07	0.044	0.33	5.72	84.4	860	1.38	3.01	2.57	0.49	56.9	8.3	64	7.85	12.9
K520682		3.59	0.188	0.50	5.19	970	540	1.18	5.11	3.07	1.76	54.1	8.2	67	5.07	30.8
K520683		4.40	0.034	0.22	5.43	41.1	710	1.35	2.29	2.93	0.32	55.0	12.3	74	4.50	18.9



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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
K520664		2.97	18.80	0.11	1.3	0.208	2.93	23.3	17.3	0.91	241	3.24	1.71	7.4	7.2	570
K520665		4.65	19.40	0.12	1.1	0.176	2.57	23.7	21.9	1.24	260	3.29	0.95	9.3	20.0	700
K520666		2.59	18.20	0.11	1.8	0.152	3.00	20.9	15.5	0.85	163	1.79	1.13	5.3	8.3	570
K520667		2.08	16.20	0.08	1.8	0.065	3.12	18.4	15.4	0.71	154	1.29	0.88	4.6	6.7	550
K520668		2.12	18.05	0.11	2.0	0.117	3.23	19.3	19.6	0.69	147	2.01	0.77	4.9	6.5	560
K520669		2.52	18.70	0.11	2.0	0.128	2.78	18.9	26.0	0.84	185	2.56	1.41	6.2	8.7	600
K520670		2.14	17.35	0.11	1.9	0.042	2.46	16.1	20.9	0.69	159	2.56	1.40	6.0	6.6	560
K520671		2.51	17.80	0.09	2.0	0.055	2.96	17.9	20.0	0.78	147	0.52	1.11	4.8	6.9	590
K520672		2.00	18.05	0.10	2.0	0.035	2.51	17.2	18.1	0.57	136	0.47	1.54	5.2	6.6	600
K520673		2.05	19.55	0.13	2.0	0.031	2.31	17.9	19.1	0.44	134	1.05	1.37	5.9	7.3	640
K520674		2.50	18.50	0.17	1.8	0.043	2.75	23.9	10.7	0.64	224	0.68	0.86	5.4	7.2	580
K520675		2.47	18.65	0.15	1.9	0.048	3.30	19.9	10.3	0.57	134	1.23	1.42	6.3	7.3	620
K520676		2.59	20.5	0.16	1.8	0.061	2.87	22.3	12.3	0.74	152	1.56	1.71	6.4	7.3	630
K520677		2.03	19.75	0.16	1.8	0.076	2.61	20.0	12.1	0.72	155	0.92	1.88	6.4	6.9	620
K520678		1.78	19.10	0.14	1.8	0.048	2.55	18.7	13.1	0.75	158	1.19	1.87	6.5	6.8	650
K520679		2.22	18.55	0.15	1.8	0.052	2.75	18.6	12.7	0.68	145	1.40	1.91	6.5	7.6	640
K520680		2.76	19.60	0.18	1.7	0.131	2.98	21.6	19.4	0.95	238	1.11	2.12	6.9	7.8	640
K520681		3.06	15.65	0.17	0.7	0.258	2.07	29.2	20.0	1.04	310	2.74	1.06	9.1	31.5	630
K520682		3.54	15.30	0.16	0.6	0.250	1.85	27.0	13.5	1.08	277	2.26	0.62	8.9	27.6	650
K520683		3.14	15.35	0.16	0.5	0.183	1.59	27.4	17.5	1.19	321	3.23	0.89	9.1	39.9	790



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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
K520664		19.6	131.5	<0.002	1.41	9.90	7.5	2	3.3	504	0.56	0.48	8.1	0.237	1.28	3.6
K520665		2630	125.5	<0.002	3.48	1280	8.9	2	4.5	318	0.69	0.89	8.6	0.274	1.37	4.2
K520666		66.8	154.0	<0.002	2.17	10.10	7.3	2	2.6	320	0.41	0.42	6.2	0.195	1.46	2.6
K520667		89.4	147.5	<0.002	1.70	8.25	6.6	2	2.2	276	0.35	0.26	5.8	0.178	1.52	2.5
K520668		279	151.0	<0.002	1.70	6.45	7.1	2	2.7	283	0.38	1.87	5.8	0.191	1.47	3.1
K520669		46.0	110.0	<0.002	1.63	2.60	7.7	2	2.3	384	0.46	0.30	6.1	0.225	1.28	2.7
K520670		31.0	94.1	<0.002	1.59	3.11	6.6	1	2.3	369	0.45	0.29	5.3	0.215	1.20	2.8
K520671		30.1	126.5	<0.002	1.92	3.56	7.1	2	2.4	327	0.37	0.33	6.0	0.200	1.45	2.6
K520672		29.4	104.0	<0.002	1.32	3.28	7.2	2	2.2	362	0.40	0.13	5.9	0.209	1.21	2.8
K520673		52.3	102.0	<0.002	1.36	4.35	7.5	2	2.4	256	0.46	0.14	6.5	0.234	1.44	3.4
K520674		42.1	130.0	<0.002	2.00	4.97	7.1	2	2.6	318	0.41	0.76	7.0	0.210	1.54	4.4
K520675		39.1	133.0	<0.002	2.04	4.58	7.3	2	2.1	370	0.46	0.76	6.9	0.233	1.64	3.7
K520676		26.3	115.0	<0.002	1.84	3.50	7.5	2	2.4	402	0.47	0.39	7.1	0.239	1.55	3.9
K520677		21.0	112.5	<0.002	1.29	3.16	7.3	2	2.2	441	0.47	0.25	6.7	0.235	1.43	3.0
K520678		20.0	103.0	<0.002	1.04	2.66	7.3	2	2.2	449	0.49	0.29	6.4	0.241	1.38	2.4
K520679		21.1	113.5	<0.002	1.74	3.00	7.1	2	2.1	455	0.49	0.50	6.5	0.247	1.47	2.5
K520680		23.2	109.5	<0.002	1.77	1.54	7.7	2	2.4	613	0.51	0.19	7.0	0.252	1.37	3.2
K520681		24.8	96.2	0.002	1.73	3.31	9.8	2	4.0	345	0.64	0.30	10.5	0.281	1.09	3.7
K520682		15.0	118.5	0.002	2.49	6.78	9.5	2	5.6	163.0	0.60	0.69	9.7	0.288	1.50	3.8
K520683		11.9	100.5	0.004	1.82	5.20	11.4	2	3.7	210	0.61	0.28	8.7	0.289	1.10	4.0



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Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		V	W	Y	Zn	Zr
		ppm 1	ppm 0.1	ppm 0.1	ppm 2	ppm 0.5
K520664		58	5.6	11.5	101	39.1
K520665		72	8.2	14.6	425	30.6
K520666		55	4.1	10.4	96	52.0
K520667		49	4.0	9.1	119	50.6
K520668		51	4.1	9.9	381	56.6
K520669		57	3.5	9.3	126	56.9
K520670		52	4.1	9.6	47	53.8
K520671		53	3.7	9.2	73	55.7
K520672		54	3.5	8.9	56	56.2
K520673		60	3.4	9.3	76	59.6
K520674		55	4.8	13.2	62	54.0
K520675		57	5.1	10.8	64	57.7
K520676		60	5.0	11.2	56	54.7
K520677		58	4.6	10.6	48	56.2
K520678		57	4.3	10.9	50	56.6
K520679		57	4.5	10.0	37	54.2
K520680		60	4.3	11.3	51	52.6
K520681		91	6.1	17.0	58	20.7
K520682		94	9.0	17.6	137	16.5
K520683		116	5.1	19.5	42	14.8

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



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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.