



Date Submitted: 28-Aug-13
Invoice No.: A13-10373
Invoice Date: 10-Sep-13
Your Reference: NA20-07

Cantex Mine Development Corp
203-1634 Harvey Ave
Kelowna BC V1Y 6G2
Canada

ATTN: Chad Ulansky

CERTIFICATE OF ANALYSIS

240 Vial samples were submitted for analysis.

The following analytical package was requested: Code 1D Enh INAA(INAAGEO)

REPORT **A13-10373**

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Notes:

For values exceeding the upper limits we recommend assays.

CERTIFIED BY :

A handwritten signature in black ink, appearing to read "Emmanuel Esemé", written over a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

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Activation Laboratories Ltd. Report: A13-10373

Analyte Symbol	Au	Ag	As	Ba	Br	Ca	Co	Cr	Cs	Fe	Hf	Hg	Ir	Mo	Na	Ni	Rb	Sb	Sc	Se	Sn	Sr	Ta	Th
Unit Symbol	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm
Detection Limit	2	5	0.5	50	0.5	1	1	5	1	0.01	1	1	5	1	0.01	20	15	0.1	0.1	3	0.02	0.05	0.5	0.2
Analysis Method	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
KAS00649	< 2	< 5	< 0.5	< 50	1.5	< 1	< 1	404	< 1	0.23	2	< 1	< 5	< 1	< 0.01	< 20	< 15	0.1	0.2	< 3	< 0.02	< 0.05	< 0.5	0.9
KAS842	< 2	< 5	< 0.5	600	15.0	< 1	20	118	8	3.93	6	< 1	< 5	< 1	0.17	< 20	117	2.2	12.3	< 3	< 0.02	< 0.05	< 0.5	16.2
KAS843	< 2	< 5	< 0.5	< 50	10.3	< 1	20	112	9	4.24	7	< 1	< 5	< 1	0.15	< 20	132	1.7	11.9	< 3	< 0.02	< 0.05	< 0.5	16.6
KAS844	< 2	< 5	23.4	< 50	6.9	17	10	59	< 1	2.55	2	< 1	< 5	< 1	0.05	< 20	45	1.8	4.5	< 3	< 0.02	< 0.05	< 0.5	4.8
KAS845	< 2	< 5	7.5	580	7.3	2	13	91	7	3.49	5	< 1	< 5	< 1	0.19	< 20	110	1.2	10.7	< 3	< 0.02	< 0.05	< 0.5	12.2
KAS846	< 2	< 5	5.7	360	15.9	6	12	101	8	3.74	5	< 1	< 5	< 1	0.11	< 20	124	1.8	9.9	< 3	< 0.02	< 0.05	< 0.5	12.8
KAS847	3	< 5	13.2	< 50	10.0	3	17	100	6	3.18	5	< 1	< 5	< 1	0.13	< 20	116	2.4	10.2	< 3	< 0.02	< 0.05	< 0.5	13.5
KAS848	< 2	< 5	14.9	470	10.3	3	23	104	8	3.91	5	< 1	< 5	< 1	0.13	< 20	150	2.2	11.0	< 3	< 0.02	< 0.05	< 0.5	15.5
KAS849	< 2	< 5	54.3	< 50	12.8	< 1	104	121	14	6.05	5	< 1	< 5	< 1	0.09	< 20	112	4.4	10.9	< 3	< 0.02	< 0.05	< 0.5	15.6
KAS850	< 2	< 5	7.1	< 50	10.8	4	61	103	12	6.42	4	< 1	< 5	< 1	0.09	< 20	88	5.0	9.6	< 3	< 0.02	< 0.05	< 0.5	11.1
KAS851	7	< 5	10.3	370	11.0	5	24	84	8	3.64	4	< 1	< 5	< 1	0.11	< 20	83	2.0	8.9	< 3	< 0.02	< 0.05	< 0.5	11.6
KAS852	< 2	< 5	52.2	440	4.2	6	12	76	3	3.40	5	< 1	< 5	< 1	0.09	< 20	113	4.9	8.2	< 3	< 0.02	< 0.05	< 0.5	10.2
KAS853	< 2	< 5	99.3	< 50	7.5	8	12	76	< 1	3.79	3	< 1	< 5	2	0.09	< 20	95	3.5	8.3	< 3	< 0.02	< 0.05	< 0.5	10.6
KAS854	< 2	< 5	34.7	< 50	6.8	8	11	69	4	2.95	3	< 1	< 5	< 1	0.09	< 20	64	3.2	7.5	< 3	< 0.02	< 0.05	< 0.5	8.9
KAS855	< 2	< 5	10.5	490	11.0	7	16	102	6	3.35	5	< 1	< 5	< 1	0.15	< 20	83	2.0	9.0	< 3	< 0.02	< 0.05	< 0.5	10.1
KAS856	< 2	< 5	14.9	410	10.0	8	21	116	11	4.07	5	< 1	< 5	< 1	0.15	< 20	106	2.7	11.3	< 3	< 0.02	< 0.05	< 0.5	14.6
KAS857	< 2	< 5	17.1	350	15.1	< 1	13	98	9	4.07	4	< 1	< 5	< 1	0.14	< 20	78	1.9	10.1	< 3	< 0.02	< 0.05	< 0.5	12.8
KAS858	< 2	< 5	35.8	410	11.7	< 1	16	110	11	4.51	4	< 1	< 5	< 1	0.14	< 20	116	2.5	10.1	< 3	< 0.02	< 0.05	< 0.5	12.5
KAS859	< 2	< 5	46.1	300	11.0	< 1	10	101	8	3.90	3	< 1	< 5	< 1	0.10	< 20	61	3.6	8.4	< 3	< 0.02	< 0.05	< 0.5	10.4
KAS860	< 2	< 5	35.3	530	11.4	3	12	98	7	3.83	3	< 1	< 5	< 1	0.09	< 20	107	3.0	8.7	< 3	< 0.02	< 0.05	< 0.5	9.2
KAS00016	< 2	< 5	8.8	390	9.0	11	10	87	< 1	2.95	2	< 1	< 5	< 1	0.08	< 20	71	1.9	6.5	< 3	< 0.02	< 0.05	< 0.5	8.9
KAS00017	< 2	< 5	11.2	400	12.8	2	11	91	< 1	3.90	4	< 1	< 5	< 1	0.14	< 20	42	2.5	8.9	< 3	< 0.02	< 0.05	< 0.5	10.0
KAS00018	< 2	< 5	9.5	260	7.9	18	6	51	< 1	2.54	2	< 1	< 5	< 1	0.06	< 20	54	2.2	5.3	< 3	< 0.02	< 0.05	< 0.5	5.4
KAS00019	< 2	< 5	9.8	710	5.1	17	8	37	< 1	2.39	< 1	< 1	< 5	< 1	0.04	< 20	< 15	2.2	4.3	< 3	< 0.02	< 0.05	< 0.5	4.9
KAS00020	< 2	< 5	7.3	410	4.4	16	8	49	< 1	2.05	2	< 1	< 5	< 1	0.05	< 20	32	1.6	4.2	< 3	< 0.02	< 0.05	< 0.5	4.7
KAS00021	8	< 5	35.3	< 50	6.7	16	5	66	4	2.60	2	< 1	< 5	< 1	0.04	< 20	35	6.4	4.8	< 3	< 0.02	< 0.05	< 0.5	8.1
KAS00022	< 2	< 5	4.6	150	5.5	16	5	40	< 1	1.93	2	< 1	< 5	< 1	0.04	< 20	22	0.6	4.4	< 3	< 0.02	< 0.05	< 0.5	4.5
KAS00023	< 2	< 5	4.8	350	5.5	19	5	36	< 1	2.09	2	< 1	< 5	< 1	0.04	< 20	< 15	1.0	4.4	< 3	< 0.02	< 0.05	< 0.5	4.1
KAS00024	< 2	< 5	2.7	< 50	6.8	21	< 1	27	< 1	0.88	< 1	< 1	< 5	< 1	0.03	< 20	< 15	0.5	1.9	< 3	< 0.02	< 0.05	< 0.5	2.1
KAS00025	< 2	< 5	6.4	< 50	7.7	20	3	23	< 1	1.07	1	< 1	< 5	< 1	0.03	< 20	30	0.7	1.9	< 3	< 0.02	< 0.05	< 0.5	2.1
KAS00026	< 2	< 5	5.5	< 50	8.0	21	3	18	< 1	1.02	1	< 1	< 5	< 1	0.03	< 20	21	0.7	2.0	< 3	< 0.02	< 0.05	< 0.5	2.5
KAS00027	< 2	< 5	3.1	< 50	8.1	21	3	22	< 1	0.91	1	< 1	< 5	< 1	0.03	< 20	< 15	0.5	1.9	< 3	< 0.02	< 0.05	< 0.5	2.0
KAS00029	< 2	< 5	6.0	< 50	9.8	22	4	16	< 1	0.98	1	< 1	< 5	< 1	0.03	< 20	24	0.7	1.6	< 3	< 0.02	< 0.05	< 0.5	2.5
KAS00030	< 2	< 5	3.5	240	13.4	18	6	62	< 1	1.65	2	< 1	< 5	< 1	0.06	< 20	< 15	0.4	3.2	< 3	< 0.02	< 0.05	< 0.5	4.2
KAS00031	< 2	< 5	4.0	< 50	10.9	15	3	42	< 1	1.41	1	< 1	< 5	< 1	0.05	< 20	< 15	0.6	2.6	< 3	< 0.02	< 0.05	< 0.5	3.8
KAS00032	< 2	< 5	4.0	< 50	11.0	19	3	43	< 1	1.50	1	< 1	< 5	< 1	0.05	< 20	< 15	0.6	2.3	< 3	< 0.02	< 0.05	< 0.5	3.0
KAS00033	8	< 5	5.4	< 50	9.0	17	5	35	< 1	1.56	1	< 1	< 5	< 1	0.04	< 20	35	0.5	2.6	< 3	< 0.02	< 0.05	< 0.5	3.8
KAS00034	< 2	< 5	7.5	320	7.6	20	5	35	< 1	1.48	1	< 1	< 5	< 1	0.05	< 20	< 15	0.8	2.5	< 3	< 0.02	< 0.05	< 0.5	2.8
KAS00035	< 2	< 5	4.1	200	6.5	19	< 1	30	< 1	1.30	1	< 1	< 5	< 1	0.02	< 20	< 15	0.4	2.2	< 3	< 0.02	< 0.05	< 0.5	2.9
KAS00528	< 2	< 5	8.3	450	6.7	2	10	125	4	3.24	5	< 1	< 5	< 1	0.10	< 20	114	1.6	8.2	< 3	< 0.02	< 0.05	< 0.5	11.6
KAS00622	< 2	< 5	9.3	180	4.9	12	11	62	1	2.41	3	< 1	< 5	< 1	0.05	< 20	69	0.8	5.7	< 3	< 0.02	< 0.05	< 0.5	6.9
KAS00623	< 2	< 5	9.5	290	5.7	13	11	54	2	2.35	3	< 1	< 5	< 1	0.05	< 20	55	0.8	5.7	< 3	< 0.02	< 0.05	< 0.5	6.5
KAS00624	4	< 5	10.4	350	4.6	14	11	56	2	2.30	2	< 1	< 5	< 1	0.04	< 20	66	0.9	5.5	< 3	< 0.02	< 0.05	< 0.5	6.4
KAS00625	< 2	< 5	11.0	340	5.6	14	14	62	2	2.33	3	< 1	< 5	< 1	0.05	< 20	39	1.0	5.4	< 3	< 0.02	< 0.05	< 0.5	7.7
KAS00626	< 2	< 5	8.6	310	5.1	13	11	56	2	2.20	2	< 1	< 5	< 1	0.04	< 20	58	0.7	5.3	< 3	< 0.02	< 0.05	< 0.5	7.0
KAS00627	< 2	< 5	11.4	440	5.6	11	12	57	< 1	2.24	4	< 1	< 5	< 1	0.05	< 20	42	1.2	5.6	< 3	0.04	< 0.05	< 0.5	7.1
KAS00628	< 2	< 5	8.4	300	3.8	14	11	46	3	2.39	3	< 1	< 5	< 1	0.05	< 20	48	0.8	5.5	< 3	< 0.02	< 0.05	< 0.5	6.8
KAS00629	< 2	< 5	10.9	320	5.6	12	13	65	< 1	2.34	3	< 1	< 5	< 1	0.04	< 20	45	1.2	5.8	< 3	< 0.02	< 0.05	< 0.5	7.5
KAS00630	< 2	< 5	10.1	390	4.0	14	9	54	3	2.23	3	< 1	< 5	< 1	0.05	< 20	59	0.7	5.3	< 3	< 0.02	< 0.05	< 0.5	6.3
KAS00631	< 2	< 5	7.6	250	3.6	12	9	41	2	2.10	2	< 1	< 5	< 1	0.04	< 20	55	0.9	5.0	< 3	< 0.02	< 0.05	< 0.5	6.1
KAS00632	< 2	< 5	6.0	230	< 0.5	11	10	50	3	2.45	2	< 1	< 5	< 1	0.04	< 20	59	0.5	5.3	< 3	< 0.02	< 0.05	< 0.5	6.9
KAS00633	< 2	< 5	11.2	460	6.5	14	10	51	3	2.33	2	< 1	< 5	< 1	0.04	< 20	5							

Activation Laboratories Ltd. Report: A13-10373

Analyte Symbol	Au	Ag	As	Ba	Br	Ca	Co	Cr	Cs	Fe	Hf	Hg	Ir	Mo	Na	Ni	Rb	Sb	Sc	Se	Sn	Sr	Ta	Th
Unit Symbol	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm
Detection Limit	2	5	0.5	50	0.5	1	1	5	1	0.01	1	1	5	1	0.01	20	15	0.1	0.1	3	0.02	0.05	0.5	0.2
Analysis Method	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
KAS00635	< 2	< 5	10.6	280	4.8	11	11	58	< 1	2.29	2	< 1	< 5	< 1	0.04	< 20	49	0.9	5.4	< 3	< 0.02	< 0.05	< 0.5	7.2
KAS752	< 2	< 5	6.0	270	7.2	13	8	75	3	3.09	3	< 1	< 5	< 1	0.09	< 20	61	1.9	6.2	< 3	< 0.02	< 0.05	< 0.5	7.9
KAS753	< 2	< 5	8.1	320	7.9	12	5	64	3	2.89	3	< 1	< 5	< 1	0.09	< 20	87	1.8	5.8	< 3	< 0.02	< 0.05	< 0.5	7.9
KAS754	< 2	< 5	9.9	620	7.8	8	13	86	5	3.08	3	< 1	< 5	4	0.07	< 20	67	3.4	7.2	< 3	< 0.02	< 0.05	< 0.5	8.9
KAS756	< 2	< 5	28.3	520	8.3	11	14	65	< 1	2.47	4	< 1	< 5	< 1	< 0.01	< 20	78	8.0	8.0	< 3	< 0.02	< 0.05	< 0.5	8.2
KAS757	< 2	< 5	32.5	350	4.7	11	14	67	< 1	2.66	2	< 1	< 5	6	0.04	< 20	59	8.8	7.0	< 3	< 0.02	< 0.05	< 0.5	7.5
KAS758	< 2	< 5	6.6	240	5.5	11	10	46	< 1	2.58	4	< 1	< 5	< 1	0.06	< 20	41	1.0	5.9	< 3	< 0.02	< 0.05	< 0.5	7.9
KAS759	< 2	< 5	4.0	240	4.1	13	7	43	3	2.35	1	< 1	< 5	< 1	0.04	< 20	38	0.7	4.7	< 3	< 0.02	< 0.05	< 0.5	5.5
KAS00603	42	< 5	501	< 50	8.1	< 1	21	144	< 1	5.04	6	1	< 5	< 1	0.07	< 20	153	26.0	10.5	< 3	< 0.02	< 0.05	< 0.5	15.5
KAS00607	70	< 5	597	730	5.8	< 1	27	146	< 1	5.39	6	< 1	< 5	< 1	0.07	< 20	86	39.0	10.2	< 3	< 0.02	< 0.05	< 0.5	14.4
KAS00608	49	< 5	448	< 50	6.9	< 1	22	129	< 1	4.77	7	< 1	< 5	< 1	< 0.01	< 20	130	32.2	9.9	< 3	< 0.02	< 0.05	< 0.5	15.0
KAS00609	34	< 5	327	370	< 0.5	< 1	20	135	< 1	4.26	6	< 1	< 5	< 1	0.06	< 20	141	18.9	9.7	< 3	< 0.02	< 0.05	< 0.5	14.1
KAS00613	43	< 5	386	710	6.1	< 1	24	142	< 1	5.04	8	1	< 5	3	0.10	< 20	215	28.8	10.5	< 3	< 0.02	< 0.05	< 0.5	13.4
KAS00615	< 2	< 5	9.2	900	4.7	< 1	19	119	7	3.35	8	< 1	< 5	7	0.11	< 20	133	2.6	9.4	< 3	< 0.02	< 0.05	< 0.5	12.5
KAS00616	< 2	< 5	20.5	540	< 0.5	< 1	22	131	7	3.79	8	< 1	< 5	< 1	0.11	< 20	161	3.4	10.4	< 3	< 0.02	< 0.05	< 0.5	14.4
KAS00617	< 2	< 5	10.7	720	3.5	< 1	20	138	6	3.67	8	< 1	< 5	< 1	0.12	< 20	160	2.9	10.1	< 3	< 0.02	< 0.05	< 0.5	12.8
KAS00618	< 2	< 5	11.3	690	4.4	< 1	20	148	7	3.53	8	< 1	< 5	< 1	0.11	< 20	131	2.3	9.5	< 3	< 0.02	< 0.05	< 0.5	12.2
KAS00619	11	< 5	10.6	750	5.4	< 1	18	173	6	3.78	8	< 1	< 5	7	0.13	< 20	187	3.1	9.8	< 3	< 0.02	< 0.05	< 0.5	14.0
KAS00621	< 2	< 5	11.8	690	7.3	< 1	21	131	10	3.62	8	< 1	< 5	< 1	0.12	< 20	188	3.1	9.9	< 3	< 0.02	< 0.05	< 0.5	12.8
KAS919	< 2	< 5	10.4	< 50	9.2	14	7	55	1	1.92	1	< 1	< 5	< 1	0.06	< 20	< 15	1.1	3.5	< 3	< 0.02	< 0.05	< 0.5	4.3
KAS920	2	< 5	9.1	310	5.9	17	6	30	< 1	1.74	1	< 1	< 5	< 1	0.02	< 20	< 15	1.2	3.9	< 3	< 0.02	< 0.05	< 0.5	4.0
KAS921	< 2	< 5	11.9	< 50	6.5	17	6	32	< 1	1.24	2	< 1	< 5	4	0.02	< 20	< 15	1.8	3.1	< 3	< 0.02	< 0.05	< 0.5	3.6
KAS922	< 2	< 5	12.7	< 50	6.6	19	4	31	< 1	1.19	1	< 1	< 5	< 1	0.02	< 20	28	2.0	2.5	< 3	< 0.02	< 0.05	< 0.5	3.0
KAS923	< 2	< 5	8.0	< 50	7.6	18	< 1	24	< 1	1.39	1	< 1	< 5	< 1	0.04	< 20	< 15	0.7	2.3	< 3	< 0.02	< 0.05	< 0.5	2.5
KAS924	< 2	< 5	11.3	< 50	6.1	19	6	31	< 1	1.45	1	< 1	< 5	< 1	0.05	< 20	< 15	1.2	3.0	< 3	< 0.02	< 0.05	< 0.5	3.4
KAS925	< 2	< 5	8.6	< 50	7.2	23	< 1	17	< 1	0.79	< 1	< 1	< 5	< 1	0.04	< 20	< 15	1.1	1.4	< 3	< 0.02	< 0.05	< 0.5	1.4
KAS926	< 2	< 5	20.9	120	6.1	19	4	18	< 1	1.09	1	1	< 5	< 1	0.04	< 20	50	2.5	1.8	< 3	< 0.02	< 0.05	< 0.5	2.4
KAS927	< 2	< 5	21.6	< 50	7.3	20	< 1	23	1	1.04	1	< 1	< 5	< 1	0.04	< 20	< 15	2.8	1.8	< 3	< 0.02	< 0.05	< 0.5	2.3
KAS00526	< 2	< 5	13.8	690	7.9	2	12	133	7	3.44	7	< 1	< 5	< 1	0.13	< 20	108	2.5	8.4	< 3	< 0.02	< 0.05	< 0.5	12.0
KAS00527	< 2	< 5	12.0	250	11.0	11	10	100	2	3.25	5	< 1	< 5	2	0.16	< 20	95	2.2	7.4	< 3	< 0.02	< 0.05	< 0.5	10.0
KAS00529	< 2	< 5	11.0	450	9.7	8	11	90	< 1	3.20	6	< 1	< 5	< 1	0.17	160	< 15	1.7	7.3	< 3	< 0.02	< 0.05	< 0.5	9.1
KAS00530	< 2	< 5	10.4	450	9.4	10	12	83	5	3.66	4	< 1	< 5	< 1	0.17	< 20	84	2.0	7.8	< 3	< 0.02	< 0.05	< 0.5	10.1
KAS00531	< 2	< 5	8.9	400	7.1	12	10	55	< 1	2.81	4	< 1	< 5	6	0.11	< 20	65	1.3	5.4	< 3	< 0.02	< 0.05	< 0.5	6.0
KAS00532	< 2	< 5	9.0	350	10.3	16	9	55	< 1	3.06	4	< 1	< 5	4	0.16	< 20	< 15	0.8	5.1	< 3	< 0.02	< 0.05	< 0.5	5.5
KAS00533	< 2	< 5	8.9	570	7.9	16	8	64	2	2.56	4	< 1	< 5	< 1	0.13	< 20	116	1.3	5.5	< 3	< 0.02	< 0.05	< 0.5	6.6
KAS00534	< 2	< 5	6.8	420	7.0	13	5	60	< 1	2.38	4	< 1	< 5	< 1	0.12	< 20	56	1.2	5.6	< 3	< 0.02	< 0.05	< 0.5	6.5
KAS00535	< 2	< 5	11.8	480	9.4	5	14	113	11	3.30	5	< 1	< 5	< 1	0.24	< 20	162	1.4	8.4	< 3	< 0.02	< 0.05	< 0.5	9.7
KAS00536	< 2	< 5	8.9	400	7.3	7	< 1	91	< 1	3.13	5	< 1	< 5	< 1	0.19	< 20	127	1.2	7.5	< 3	< 0.02	< 0.05	< 0.5	9.4
KAS00537	< 2	< 5	8.0	340	8.3	14	10	66	4	2.09	4	< 1	< 5	< 1	0.07	< 20	70	1.3	5.1	< 3	< 0.02	< 0.05	< 0.5	7.2
KAS00540	< 2	< 5	5.2	240	4.4	19	6	48	< 1	1.84	2	< 1	< 5	< 1	0.13	< 20	80	0.8	4.9	< 3	< 0.02	< 0.05	< 0.5	5.5
KAS00541	< 2	< 5	3.2	< 50	7.9	23	3	24	< 1	1.94	2	< 1	< 5	< 1	0.08	< 20	< 15	0.6	3.0	< 3	< 0.02	< 0.05	< 0.5	3.5
KAS00542	< 2	< 5	2.0	< 50	6.0	23	4	18	< 1	1.54	1	< 1	< 5	7	0.05	< 20	19	0.4	2.4	< 3	< 0.02	< 0.05	< 0.5	2.9
KAS00543	< 2	< 5	4.5	< 50	< 0.5	23	4	19	< 1	1.58	2	< 1	< 5	< 1	0.07	< 20	41	0.4	3.5	< 3	< 0.02	< 0.05	< 0.5	4.2
KAS00544	< 2	< 5	5.4	< 50	8.0	22	5	28	< 1	2.05	1	< 1	< 5	< 1	0.08	< 20	< 15	0.6	3.1	< 3	< 0.02	< 0.05	< 0.5	3.2
KAS00545	3	< 5	7.4	< 50	7.6	24	4	31	1	2.15	2	< 1	< 5	< 1	0.09	< 20	< 15	3.3	3.4	< 3	< 0.02	< 0.05	< 0.5	3.2
KAS00548	< 2	< 5	11.4	< 50	10.6	17	7	55	< 1	3.17	2	< 1	< 5	< 1	0.11	< 20	< 15	1.1	5.3	< 3	< 0.02	< 0.05	< 0.5	5.4
KAS00549	< 2	< 5	4.0	< 50	8.2	23	3	17	< 1	2.14	1	< 1	< 5	< 1	0.05	< 20	< 15	0.5	2.8	< 3	< 0.02	< 0.05	< 0.5	2.3
KAS00918	< 2	< 5	11.7	< 50	8.4	18	6	41	< 1	1.92	2	< 1	< 5	< 1	0.07	< 20	< 15	1.5	4.0	< 3	< 0.02	< 0.05	< 0.5	4.4
KAS00028	< 2	< 5	< 0.5	< 50	1.8	< 1	< 1	478	< 1	0.41	2	< 1	< 5	4	0.01	< 20	< 15	0.1	0.2	< 3	0.02	< 0.05	< 0.5	0.6
KAS755	6	< 5	9.4	280	4.0	9	16	91	5	3.22	5	< 1	< 5	< 1	0.05	< 20	60	3.3	7.4	< 3	< 0.02	< 0.05	< 0.5	9.0
KAS760	< 2	< 5	1.4	240	3.6	15	5	31	< 1	2.15	2	< 1	< 5	< 1	0.04	< 20	87	0.7	4.0	< 3	< 0.02	< 0.05	< 0.5	4.5
KAS761	< 2	< 5	6.9	390	6.1	8	11	64	5	3.06	3	< 1	< 5	< 1	0.05	< 20	< 15</							

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Analyte Symbol	Au	Ag	As	Ba	Br	Ca	Co	Cr	Cs	Fe	Hf	Hg	Ir	Mo	Na	Ni	Rb	Sb	Sc	Se	Sn	Sr	Ta	Th
Unit Symbol	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm
Detection Limit	2	5	0.5	50	0.5	1	1	5	1	0.01	1	1	5	1	0.01	20	15	0.1	0.1	3	0.02	0.05	0.5	0.2
Analysis Method	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
KAS762	< 2	< 5	4.4	420	4.3	9	8	58	3	2.83	2	< 1	< 5	< 1	0.04	< 20	139	1.5	6.1	< 3	< 0.02	< 0.05	< 0.5	7.8
KAS764	< 2	< 5	7.7	160	4.6	21	5	26	< 1	1.99	1	< 1	< 5	< 1	0.05	< 20	45	1.0	3.5	< 3	< 0.02	< 0.05	< 0.5	4.7
KAS790	< 2	< 5	13.7	< 50	6.8	23	3	21	< 1	1.96	1	< 1	< 5	< 1	0.05	< 20	< 15	1.3	3.0	< 3	< 0.02	< 0.05	< 0.5	2.9
KAS794	< 2	< 5	8.4	370	6.9	15	6	61	< 1	2.30	2	< 1	< 5	< 1	0.14	< 20	63	1.0	5.2	< 3	< 0.02	< 0.05	< 0.5	5.3
KAS796	< 2	< 5	8.7	510	7.4	8	7	77	< 1	2.69	3	< 1	< 5	< 1	0.14	< 20	60	1.4	6.4	< 3	< 0.02	< 0.05	< 0.5	6.8
KAS798	< 2	< 5	13.6	420	9.7	12	10	97	3	3.09	5	< 1	< 5	< 1	0.21	< 20	92	1.6	6.5	< 3	< 0.02	< 0.05	< 0.5	9.0
KAS799	< 2	< 5	12.2	570	8.6	8	15	110	< 1	3.21	7	< 1	< 5	< 1	0.17	< 20	76	1.4	7.1	< 3	< 0.02	< 0.05	< 0.5	9.2
KAS800	< 2	< 5	10.6	310	10.6	17	9	75	2	2.61	3	< 1	< 5	4	0.10	< 20	51	1.6	4.9	< 3	< 0.02	< 0.05	< 0.5	5.3
KAS861	< 2	< 5	27.9	390	8.2	< 1	10	94	7	3.58	5	< 1	< 5	6	0.11	< 20	97	3.7	8.6	< 3	< 0.02	< 0.05	< 0.5	10.7
KAS1166	< 2	< 5	7.4	340	4.6	15	7	58	< 1	2.28	2	< 1	< 5	< 1	0.13	< 20	52	1.5	5.4	< 3	< 0.02	< 0.05	< 0.5	5.8
KAS1167	< 2	< 5	7.1	190	4.7	16	5	51	3	2.05	2	< 1	< 5	< 1	0.09	< 20	77	1.4	4.7	< 3	< 0.02	< 0.05	< 0.5	4.8
KAS1168	< 2	< 5	9.3	160	5.3	16	7	51	< 1	2.21	2	< 1	< 5	< 1	0.09	< 20	< 15	1.1	4.4	< 3	< 0.02	< 0.05	< 0.5	4.3
KAS1169	< 2	< 5	8.6	210	5.9	17	7	44	2	2.04	2	< 1	< 5	2	0.08	< 20	52	1.3	4.4	< 3	< 0.02	< 0.05	< 0.5	5.2
KAS1170	16	< 5	75.7	360	10.9	9	11	93	6	3.17	2	< 1	< 5	< 1	0.17	< 20	110	2.1	7.1	< 3	< 0.02	< 0.05	< 0.5	8.1
KAS1171	7	< 5	12.0	< 50	8.7	20	7	64	3	2.69	3	< 1	< 5	< 1	0.10	< 20	48	1.4	5.9	< 3	< 0.02	< 0.05	< 0.5	6.3
KAS1172	< 2	< 5	8.5	190	4.6	20	6	33	1	1.75	2	< 1	< 5	3	0.07	< 20	61	1.0	4.2	< 3	< 0.02	< 0.05	< 0.5	5.1
KAS1252	< 2	< 5	17.8	730	16.9	< 1	18	94	< 1	3.86	6	< 1	< 5	< 1	0.15	< 20	153	1.8	9.8	< 3	< 0.02	< 0.05	< 0.5	11.0
KAS1253	< 2	< 5	7.7	320	6.6	6	12	79	6	2.98	6	< 1	< 5	< 1	0.10	< 20	< 15	1.4	8.8	< 3	< 0.02	< 0.05	< 0.5	10.9
KAS1424	< 2	< 5	5.4	370	3.2	10	6	55	5	2.29	2	< 1	< 5	< 1	0.05	< 20	141	1.1	7.2	< 3	< 0.02	< 0.05	< 0.5	9.0
KAS1425	< 2	< 5	5.6	380	3.9	8	7	69	5	2.36	5	< 1	< 5	< 1	0.04	< 20	118	0.8	7.4	< 3	< 0.02	< 0.05	< 0.5	9.1
KAS1427	< 2	< 5	10.5	420	9.2	< 1	15	95	5	3.51	6	< 1	< 5	6	0.18	< 20	128	1.4	9.4	< 3	0.13	< 0.05	< 0.5	11.4
KAS1428	5	< 5	14.9	710	13.9	< 1	17	107	3	4.12	6	< 1	< 5	< 1	0.24	< 20	122	1.6	10.0	< 3	< 0.02	< 0.05	< 0.5	11.6
KAS1429	< 2	< 5	14.1	270	5.1	14	10	56	1	2.06	3	< 1	< 5	< 1	0.08	< 20	87	2.2	5.4	< 3	< 0.02	< 0.05	< 0.5	7.4
KAS1430	< 2	< 5	12.9	300	4.8	16	11	44	5	2.32	3	< 1	< 5	< 1	0.07	< 20	77	1.5	5.6	< 3	< 0.02	< 0.05	< 0.5	6.8
KAS1431	< 2	< 5	10.2	250	4.1	16	12	30	1	1.90	3	< 1	< 5	< 1	0.06	< 20	52	1.0	4.8	< 3	< 0.02	< 0.05	< 0.5	5.8
KAS1432	< 2	< 5	17.4	330	7.3	15	12	52	< 1	2.62	4	< 1	< 5	< 1	0.10	< 20	88	1.6	6.2	< 3	< 0.02	< 0.05	< 0.5	6.2
KAS1433	< 2	< 5	12.8	450	9.9	9	14	78	3	3.19	6	< 1	< 5	< 1	0.14	< 20	104	1.5	8.7	< 3	< 0.02	< 0.05	< 0.5	9.3
KAS1434	< 2	< 5	24.1	420	11.7	1	28	91	9	3.87	7	< 1	< 5	< 1	0.14	< 20	131	2.0	10.6	< 3	< 0.02	< 0.05	< 0.5	11.7
KAS1435	< 2	< 5	19.6	510	12.9	6	17	100	4	4.52	6	< 1	< 5	< 1	0.20	< 20	123	2.5	10.4	< 3	< 0.02	< 0.05	< 0.5	10.6
KAS1531	< 2	< 5	12.2	600	7.4	9	26	72	4	3.09	6	< 1	< 5	< 1	0.23	< 20	96	2.0	8.0	< 3	< 0.02	< 0.05	< 0.5	9.0
KAS1560	< 2	< 5	9.4	220	4.3	16	7	32	< 1	1.96	3	< 1	< 5	< 1	0.06	< 20	55	1.3	4.5	< 3	< 0.02	< 0.05	< 0.5	5.4
KAS1561	< 2	< 5	9.3	< 50	10.7	9	11	72	3	2.94	4	< 1	< 5	< 1	0.10	< 20	107	1.7	7.1	< 3	< 0.02	< 0.05	< 0.5	8.4
KAS1562	< 2	< 5	11.8	450	12.0	7	12	90	3	3.63	6	< 1	< 5	< 1	0.17	< 20	96	2.3	8.4	< 3	< 0.02	< 0.05	< 0.5	9.1
KAS1751	< 2	< 5	17.2	390	15.2	6	18	101	6	3.89	6	< 1	< 5	< 1	0.19	< 20	128	2.6	9.9	< 3	< 0.02	< 0.05	< 0.5	9.7
KAS1752	< 2	< 5	11.4	300	11.2	13	11	62	< 1	2.62	4	< 1	< 5	< 1	0.10	< 20	73	1.6	5.9	< 3	< 0.02	< 0.05	< 0.5	6.4
KAS1753	< 2	< 5	10.4	220	12.8	16	8	47	< 1	2.22	3	< 1	< 5	< 1	0.09	< 20	73	1.0	4.3	< 3	< 0.02	< 0.05	< 0.5	4.9
KAS00250	< 2	< 5	3.3	< 50	5.9	19	9	29	3	1.77	3	< 1	< 5	3	0.04	< 20	55	1.0	4.3	< 3	< 0.02	< 0.05	< 0.5	4.3
KAS00251	< 2	< 5	4.0	390	4.9	13	10	56	3	2.38	3	< 1	< 5	< 1	0.06	< 20	84	1.0	6.1	< 3	< 0.02	< 0.05	< 0.5	6.1
KAS00253	< 2	< 5	2.4	200	5.5	16	6	37	1	1.80	1	< 1	< 5	< 1	0.04	< 20	42	0.4	4.6	< 3	< 0.02	< 0.05	< 0.5	4.8
KAS00255	< 2	< 5	5.1	330	10.3	10	11	80	6	2.70	4	< 1	< 5	< 1	0.12	< 20	49	1.2	7.0	< 3	< 0.02	< 0.05	< 0.5	6.4
KAS00256	< 2	< 5	5.3	330	6.8	12	14	59	6	2.51	4	< 1	< 5	3	0.10	< 20	86	1.0	7.3	< 3	< 0.02	< 0.05	< 0.5	7.5
KAS00257	< 2	< 5	2.0	240	6.2	12	8	94	< 1	1.75	3	< 1	< 5	< 1	0.06	< 20	44	0.6	4.1	< 3	< 0.02	< 0.05	< 0.5	4.9
KAS00258	< 2	< 5	1.5	180	5.8	13	7	64	< 1	1.80	1	< 1	< 5	< 1	0.04	< 20	44	0.6	2.9	< 3	< 0.02	< 0.05	< 0.5	3.6
KAS00259	< 2	< 5	3.1	250	5.9	13	6	70	< 1	1.97	3	< 1	< 5	1	0.07	< 20	52	0.4	3.8	< 3	< 0.02	< 0.05	< 0.5	4.2
KAS00262	< 2	< 5	11.3	240	4.9	9	21	61	4	2.94	4	< 1	< 5	< 1	0.19	< 20	64	2.2	12.3	< 3	< 0.02	< 0.05	< 0.5	6.5
KAS00265	< 2	< 5	7.4	450	5.2	10	21	67	4	2.89	6	< 1	< 5	< 1	0.19	< 20	68	1.6	12.5	< 3	< 0.02	< 0.05	< 0.5	6.7
KAS00506	< 2	< 5	24.1	350	6.1	16	7	49	< 1	1.99	5	< 1	< 5	< 1	0.05	< 20	53	1.6	5.7	< 3	< 0.02	< 0.05	< 0.5	5.3
KAS00507	< 2	< 5	17.8	330	6.2	16	8	49	3	2.00	3	< 1	< 5	< 1	0.06	< 20	67	1.3	5.7	< 3	< 0.02	< 0.05	< 0.5	5.7
KAS00508	< 2	< 5	25.3	280	4.8	15	9	49	1	1.87	4	< 1	< 5	< 1	0.06	< 20	68	1.9	5.7	< 3	< 0.02	< 0.05	< 0.5	5.9
KAS00509	< 2	< 5	13.4	530	4.3	12	10	58	3	2.29	4	< 1	< 5	< 1	0.06	< 20	< 15	1.3	6.5	< 3	< 0.02	< 0.05	< 0.5	6.2
KAS00510	< 2	< 5	6.3	250	4.2	17	7	40	1	1.94	3	< 1	< 5	< 1	0.04	< 20	61	0.9	5.5	< 3	< 0.02	< 0.05	< 0.5	6.2
KAS00511	< 2	< 5	2.1	220	5.7	22	6	40	< 1	1.68	3	< 1	< 5	< 1	0.03	< 20	57	0.9	4.8	< 3	< 0.02	< 0.05	< 0.5	4.9

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Analyte Symbol	Au	Ag	As	Ba	Br	Ca	Co	Cr	Cs	Fe	Hf	Hg	Ir	Mo	Na	Ni	Rb	Sb	Sc	Se	Sn	Sr	Ta	Th
Unit Symbol	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm
Detection Limit	2	5	0.5	50	0.5	1	1	5	1	0.01	1	1	5	1	0.01	20	15	0.1	0.1	3	0.02	0.05	0.5	0.2
Analysis Method	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
KAS00512	< 2	< 5	4.3	340	5.2	22	8	35	< 1	1.64	3	< 1	< 5	2	0.04	< 20	70	0.9	5.1	< 3	< 0.02	< 0.05	< 0.5	5.1
KAS00513	< 2	< 5	3.7	310	5.7	19	9	46	1	2.07	4	< 1	< 5	< 1	0.06	< 20	64	1.5	5.9	< 3	< 0.02	< 0.05	< 0.5	6.5
KAS00514	< 2	< 5	4.3	450	4.5	22	8	40	< 1	1.55	3	< 1	< 5	< 1	0.04	< 20	45	0.9	4.8	< 3	< 0.02	< 0.05	< 0.5	5.4
KAS00515	< 2	< 5	5.2	380	4.3	19	11	49	4	1.74	3	< 1	< 5	< 1	0.06	< 20	84	1.7	6.4	< 3	< 0.02	< 0.05	< 0.5	7.5
KAS00260	< 2	< 5	1.4	290	2.4	14	12	52	< 1	2.51	2	< 1	< 5	< 1	0.19	< 20	69	1.1	10.3	< 3	< 0.02	< 0.05	< 0.5	5.1
KAS00261	< 2	< 5	6.7	260	3.0	14	14	64	4	2.43	3	< 1	< 5	< 1	0.15	< 20	87	0.9	9.1	< 3	< 0.02	< 0.05	< 0.5	5.3
KAS00264	< 2	< 5	6.2	380	4.2	13	14	47	2	2.31	3	< 1	< 5	< 1	0.13	< 20	72	1.3	9.6	< 3	< 0.02	< 0.05	< 0.5	5.7
KAS00386	< 2	< 5	7.6	< 50	9.7	17	5	57	< 1	2.22	2	< 1	< 5	< 1	0.09	< 20	42	1.2	5.6	< 3	< 0.02	< 0.05	< 0.5	5.1
KAS00387	< 2	< 5	7.4	< 50	10.2	19	4	44	< 1	2.01	2	< 1	< 5	< 1	0.09	< 20	77	2.5	4.4	< 3	< 0.02	< 0.05	< 0.5	3.1
KAS00388	< 2	< 5	7.2	< 50	7.0	19	2	22	< 1	1.52	< 1	< 1	< 5	4	0.04	< 20	< 15	1.1	4.2	< 3	< 0.02	< 0.05	< 0.5	1.9
KAS00389	< 2	< 5	14.2	200	8.9	17	4	58	< 1	1.66	3	< 1	< 5	< 1	0.05	< 20	29	1.0	5.9	< 3	< 0.02	< 0.05	< 0.5	6.2
KAS00390	< 2	< 5	15.3	270	10.1	15	4	61	< 1	1.84	2	< 1	< 5	2	0.10	< 20	< 15	1.1	5.9	< 3	< 0.02	< 0.05	< 0.5	4.8
KAS00391	< 2	< 5	18.5	740	12.5	6	11	97	< 1	3.18	4	< 1	< 5	< 1	0.20	< 20	77	1.8	10.3	< 3	< 0.02	< 0.05	< 0.5	9.5
KAS00392	< 2	< 5	10.6	680	14.4	< 1	11	100	4	3.58	4	< 1	< 5	< 1	0.25	< 20	124	1.3	10.2	< 3	< 0.02	< 0.05	< 0.5	11.3
KAS00393	3	< 5	14.5	460	10.8	4	11	88	7	2.41	6	< 1	< 5	< 1	0.10	< 20	91	1.6	11.6	< 3	< 0.02	< 0.05	< 0.5	10.7
KAS00394	< 2	< 5	14.1	550	10.3	7	11	106	< 1	2.24	3	< 1	< 5	< 1	0.08	< 20	< 15	2.0	10.0	< 3	< 0.02	< 0.05	< 0.5	9.8
KAS00395	< 2	< 5	16.7	600	9.7	2	14	107	6	3.78	6	< 1	< 5	< 1	0.33	< 20	75	1.8	11.6	< 3	< 0.02	< 0.05	< 0.5	12.0
KAS00396	< 2	< 5	14.3	280	9.6	< 1	16	150	2	2.60	4	< 1	< 5	< 1	0.12	< 20	90	2.6	9.2	< 3	< 0.02	< 0.05	< 0.5	11.0
KAS00397	< 2	< 5	21.9	480	9.8	7	10	96	4	2.74	3	< 1	< 5	< 1	0.14	< 20	63	3.1	7.9	< 3	< 0.02	< 0.05	< 0.5	9.0
KAS00398	< 2	< 5	19.9	330	8.1	10	10	102	6	2.59	4	< 1	< 5	< 1	0.14	< 20	105	2.0	7.6	< 3	< 0.02	< 0.05	< 0.5	9.0
KAS00399	< 2	< 5	16.6	200	4.3	18	7	52	< 1	1.71	2	< 1	< 5	< 1	0.08	< 20	79	1.2	4.4	< 3	< 0.02	< 0.05	< 0.5	4.5
KAS701	< 2	< 5	6.1	260	6.8	4	11	79	2	2.54	3	< 1	< 5	< 1	0.15	< 20	92	0.8	6.9	< 3	< 0.02	< 0.05	< 0.5	8.5
KAS797	< 2	< 5	9.0	270	7.4	11	8	88	< 1	2.89	3	< 1	< 5	< 1	0.18	< 20	26	1.6	6.4	< 3	< 0.02	< 0.05	< 0.5	7.8
KAS1426	< 2	< 5	5.6	420	3.7	12	6	51	3	1.97	3	< 1	< 5	< 1	0.05	< 20	69	1.0	6.1	< 3	< 0.02	< 0.05	< 0.5	7.5
KAS00557	< 2	< 5	5.8	360	4.3	10	8	79	4	2.47	3	< 1	< 5	< 1	0.11	< 20	97	0.7	7.6	< 3	< 0.02	< 0.05	< 0.5	8.4
KAS00560	< 2	< 5	7.2	540	4.5	10	8	72	4	2.60	4	< 1	< 5	< 1	0.12	< 20	103	1.2	8.6	< 3	< 0.02	< 0.05	< 0.5	11.2
KAS00561	< 2	< 5	11.2	410	4.9	7	9	68	4	2.47	3	< 1	< 5	< 1	0.11	< 20	95	1.1	7.7	< 3	< 0.02	< 0.05	< 0.5	8.5
KAS00562	< 2	< 5	8.8	260	5.6	9	8	81	6	2.51	3	< 1	< 5	< 1	0.11	< 20	138	1.2	7.0	< 3	< 0.02	< 0.05	< 0.5	8.6
KAS00563	< 2	< 5	13.0	260	6.5	6	14	117	7	3.11	4	< 1	< 5	< 1	0.15	< 20	89	1.1	9.1	< 3	< 0.02	< 0.05	< 0.5	10.1
KAS767	< 2	< 5	5.1	280	4.9	6	10	95	< 1	2.73	3	< 1	< 5	< 1	0.10	< 20	47	0.8	6.2	< 3	< 0.02	< 0.05	< 0.5	6.5
KAS768	< 2	< 5	8.8	570	8.1	3	12	131	< 1	3.54	6	< 1	< 5	4	0.17	< 20	87	1.2	7.7	< 3	< 0.02	< 0.05	< 0.5	7.9
KAS769	< 2	< 5	9.4	520	7.7	< 1	13	122	1	4.18	4	< 1	< 5	< 1	0.22	< 20	110	1.0	9.6	< 3	< 0.02	< 0.05	< 0.5	9.2
KAS770	< 2	< 5	5.3	530	5.5	3	12	129	< 1	3.42	6	< 1	< 5	2	0.14	< 20	109	1.1	8.0	< 3	< 0.02	< 0.05	< 0.5	8.1
KAS771	< 2	< 5	8.0	500	10.0	7	10	134	< 1	3.19	3	< 1	< 5	< 1	0.14	< 20	83	1.2	6.8	< 3	< 0.02	< 0.05	< 0.5	6.5
KAS772	< 2	< 5	6.9	470	7.4	10	8	99	< 1	2.50	3	< 1	< 5	< 1	0.10	< 20	102	0.7	5.7	< 3	< 0.02	< 0.05	< 0.5	5.1
KAS773	< 2	< 5	9.7	580	6.6	6	10	108	2	3.17	6	< 1	< 5	< 1	0.15	< 20	58	1.3	7.4	< 3	< 0.02	< 0.05	< 0.5	8.6
KAS774	< 2	< 5	7.9	430	7.2	< 1	13	127	6	3.40	4	< 1	< 5	< 1	0.16	< 20	59	1.2	8.5	< 3	< 0.02	< 0.05	< 0.5	10.0
KAS775	< 2	< 5	9.1	560	8.9	< 1	12	123	1	3.54	5	< 1	< 5	< 1	0.21	< 20	57	1.2	8.7	< 3	< 0.02	< 0.05	< 0.5	8.7
KAS776	< 2	< 5	9.9	600	8.3	< 1	12	119	3	3.35	4	< 1	< 5	< 1	0.16	< 20	91	1.4	8.1	< 3	< 0.02	< 0.05	< 0.5	9.1
KAS777	< 2	< 5	6.8	330	6.0	10	11	86	2	2.54	2	< 1	< 5	3	0.08	< 20	43	0.9	5.2	< 3	< 0.02	< 0.05	< 0.5	5.4
KAS778	< 2	< 5	8.4	200	6.2	10	9	86	2	2.33	2	< 1	< 5	< 1	0.08	< 20	53	1.2	4.9	< 3	< 0.02	< 0.05	< 0.5	6.3
KAS779	< 2	< 5	10.5	240	7.5	9	10	91	3	2.86	3	< 1	< 5	< 1	0.13	< 20	37	0.9	5.7	< 3	< 0.02	< 0.05	< 0.5	5.7
KAS780	< 2	< 5	5.8	220	5.3	9	6	60	< 1	1.74	2	< 1	< 5	< 1	0.04	< 20	25	0.5	4.0	< 3	< 0.02	< 0.05	< 0.5	4.2
KAS781	< 2	< 5	4.7	300	4.5	9	7	84	< 1	2.04	3	< 1	< 5	< 1	0.11	< 20	55	1.1	5.1	< 3	< 0.02	< 0.05	< 0.5	5.1
KAS00550	< 2	< 5	29.0	200	5.4	13	9	51	< 1	1.90	3	< 1	< 5	< 1	0.04	< 20	50	3.0	5.1	< 3	< 0.02	< 0.05	< 0.5	6.3
KAS00551	< 2	< 5	19.5	300	5.8	12	11	57	3	2.33	4	< 1	< 5	< 1	0.06	< 20	44	2.8	6.2	< 3	< 0.02	< 0.05	< 0.5	8.0
KAS00552	< 2	< 5	9.4	640	7.2	3	15	80	5	2.79	4	1	< 5	< 1	0.08	< 20	100	3.0	8.4	< 3	< 0.02	< 0.05	< 0.5	11.6
KAS00553	< 2	< 5	7.8	370	7.9	2	11	96	4	2.80	4	< 1	< 5	4	0.13	< 20	92	1.6	8.4	< 3	< 0.02	< 0.05	< 0.5	10.9
KAS00554	< 2	< 5	12.9	430	7.1	6	9	77	5	3.08	4	< 1	< 5	3	0.10	< 20	77	1.7	6.9	< 3	< 0.02	< 0.05	< 0.5	8.1
KAS00555	< 2	< 5	4.2	280	4.0	12	6	53	3	2.17	2	< 1	< 5	< 1	0.10	< 20	130	2.2	5.9	< 3	< 0.02	< 0.05	< 0.5	6.6
KAS00556	< 2	< 5	7.3	270	4.8	12	8	50	4	1.97	2	< 1	< 5	< 1	0.10	< 20	70	1.2	6.1	< 3	< 0.02	< 0.05	< 0.5	6.2
KAS00558	< 2	< 5	8.7	340	5.7	10	10	64	4	2.43	3	< 1	< 5	3	0.09	< 20	109	1.2	6.8	< 3	< 0.02	< 0.05	< 0.5	8.5

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Analyte Symbol	Au	Ag	As	Ba	Br	Ca	Co	Cr	Cs	Fe	Hf	Hg	Ir	Mo	Na	Ni	Rb	Sb	Sc	Se	Sn	Sr	Ta	Th
Unit Symbol	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm
Detection Limit	2	5	0.5	50	0.5	1	1	5	1	0.01	1	1	5	1	0.01	20	15	0.1	0.1	3	0.02	0.05	0.5	0.2
Analysis Method	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
KAS00559	< 2	< 5	9.0	360	6.9	8	11	75	8	2.12	3	< 1	< 5	< 1	0.11	< 20	97	1.2	7.8	< 3	< 0.02	< 0.05	< 0.5	8.3
KAS00564	< 2	< 5	8.8	400	7.7	< 1	11	106	4	3.23	4	< 1	< 5	< 1	0.12	< 20	125	1.6	9.5	< 3	< 0.02	< 0.05	< 0.5	10.9
KAS1200	< 2	< 5	< 0.5	< 50	1.5	< 1	< 1	306	< 1	0.24	2	< 1	< 5	< 1	0.01	< 20	< 15	< 0.1	0.1	< 3	< 0.02	< 0.05	< 0.5	0.6
KAS1242	< 2	< 5	20.9	460	9.7	< 1	12	90	6	3.13	4	< 1	< 5	< 1	0.13	< 20	123	2.3	8.7	< 3	< 0.02	< 0.05	< 0.5	10.2
KAS1243	< 2	< 5	9.7	520	7.0	< 1	14	94	4	3.41	5	< 1	< 5	3	0.15	< 20	112	1.9	9.6	< 3	< 0.02	< 0.05	< 0.5	11.6
KAS1244	< 2	< 5	16.8	460	8.3	< 1	15	90	8	3.46	4	< 1	< 5	< 1	0.16	< 20	119	2.4	9.8	< 3	< 0.02	< 0.05	< 0.5	10.3
KAS1245	< 2	< 5	12.8	350	9.7	2	9	91	5	2.95	4	< 1	< 5	< 1	0.13	< 20	111	1.9	8.7	< 3	< 0.02	< 0.05	< 0.5	10.8
KAS1246	< 2	< 5	12.0	150	8.1	5	7	76	3	2.14	2	< 1	< 5	< 1	0.08	< 20	107	2.1	6.7	< 3	< 0.02	< 0.05	< 0.5	8.4
KAS1247	< 2	< 5	19.8	460	11.0	< 1	12	87	4	3.45	4	< 1	< 5	< 1	0.14	< 20	157	2.6	9.4	< 3	< 0.02	< 0.05	< 0.5	9.7
KAS1248	< 2	< 5	23.3	490	6.6	< 1	14	118	6	3.15	4	< 1	< 5	< 1	0.14	< 20	78	4.6	9.0	< 3	< 0.02	< 0.05	< 0.5	10.8
KAS1249	16	< 5	41.8	680	9.4	< 1	14	83	9	3.65	4	< 1	< 5	< 1	0.17	< 20	139	6.0	9.5	< 3	< 0.02	< 0.05	< 0.5	11.8
KAS1250	10	< 5	70.5	610	9.9	< 1	18	95	4	3.74	4	< 1	< 5	2	0.16	< 20	103	8.6	9.9	< 3	< 0.02	< 0.05	< 0.5	10.9
KAS00437	< 2	< 5	10.6	< 50	5.3	14	4	30	2	1.61	2	< 1	< 5	< 1	0.03	< 20	82	1.5	3.7	< 3	< 0.02	< 0.05	< 0.5	3.9
KAS00438	5	< 5	6.9	180	5.1	14	5	41	2	1.70	2	< 1	< 5	< 1	0.04	< 20	59	1.3	4.1	< 3	< 0.02	< 0.05	< 0.5	5.1
KAS00439	< 2	< 5	7.5	< 50	4.5	14	5	32	< 1	1.83	2	< 1	< 5	< 1	0.04	< 20	43	1.5	3.6	< 3	< 0.02	< 0.05	< 0.5	3.9
KAS00442	< 2	< 5	7.0	< 50	5.0	14	4	35	2	1.59	2	< 1	< 5	< 1	0.03	< 20	62	1.1	3.6	< 3	< 0.02	< 0.05	< 0.5	3.5
KAS00443	< 2	< 5	13.0	300	5.5	17	7	44	2	2.16	2	< 1	< 5	< 1	0.06	< 20	125	2.0	5.1	< 3	< 0.02	< 0.05	< 0.5	5.4
KAS00451	< 2	< 5	7.8	270	5.6	15	6	41	1	1.91	2	< 1	< 5	< 1	0.05	< 20	55	1.4	4.4	< 3	< 0.02	< 0.05	< 0.5	5.2
KAS00452	< 2	< 5	8.4	130	5.1	16	5	40	< 1	1.97	2	< 1	< 5	< 1	0.05	< 20	62	1.5	3.8	< 3	< 0.02	< 0.05	< 0.5	4.3
KAS00455	< 2	< 5	7.4	160	4.0	17	4	41	< 1	1.73	2	< 1	< 5	< 1	0.05	< 20	45	1.3	3.6	< 3	< 0.02	< 0.05	< 0.5	4.7
KAS00456	< 2	< 5	8.1	210	6.0	17	5	39	< 1	1.75	2	< 1	< 5	< 1	0.05	< 20	54	1.6	3.8	< 3	< 0.02	< 0.05	< 0.5	4.1
KAS00457	< 2	< 5	5.1	260	6.1	15	5	45	1	1.85	2	< 1	< 5	< 1	0.05	< 20	45	1.5	4.3	< 3	< 0.02	< 0.05	< 0.5	4.8
KAS00458	< 2	< 5	9.7	< 50	5.4	15	5	40	2	1.90	2	< 1	< 5	2	0.05	< 20	39	2.4	4.0	< 3	< 0.02	< 0.05	< 0.5	4.5
KAS00460	< 2	< 5	9.2	230	5.9	15	5	29	< 1	1.81	1	< 1	< 5	< 1	0.05	< 20	64	1.4	3.8	< 3	< 0.02	< 0.05	< 0.5	4.6
KAS00461	< 2	< 5	6.3	150	4.6	16	4	39	1	1.77	2	< 1	< 5	< 1	0.05	< 20	51	1.5	4.1	< 3	< 0.02	< 0.05	< 0.5	4.8
KAS00463	< 2	< 5	10.0	< 50	5.8	17	5	41	< 1	1.92	2	< 1	< 5	< 1	0.05	< 20	55	1.5	4.1	< 3	< 0.02	< 0.05	< 0.5	4.7
KAS00465	< 2	< 5	10.4	260	5.9	16	5	31	< 1	1.69	2	< 1	< 5	< 1	0.06	< 20	76	1.6	3.9	< 3	0.07	< 0.05	< 0.5	4.4
KAS00469	< 2	< 5	7.1	130	5.6	16	5	30	2	1.56	2	< 1	< 5	< 1	0.04	< 20	64	1.0	3.7	< 3	< 0.02	< 0.05	< 0.5	4.1
KAS00470	< 2	< 5	11.2	220	5.8	15	6	52	< 1	1.78	2	< 1	< 5	< 1	0.11	< 20	61	1.6	4.8	< 3	< 0.02	< 0.05	< 0.5	6.6
KAS1648	< 2	< 5	16.3	470	12.9	< 1	16	125	3	3.73	6	< 1	< 5	< 1	0.13	< 20	135	2.0	10.5	< 3	< 0.02	0.06	< 0.5	12.6
KAS1649	< 2	< 5	14.1	450	10.0	9	15	86	3	3.15	5	< 1	< 5	< 1	0.12	< 20	95	2.0	8.7	< 3	< 0.02	< 0.05	< 0.5	11.5
KAS1650	< 2	< 5	21.0	310	6.7	8	19	77	6	2.38	3	< 1	< 5	< 1	0.05	< 20	106	1.8	7.8	< 3	< 0.02	< 0.05	< 0.5	10.1

Analyte Symbol	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Mass
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g
Detection Limit	0.5	1	50	0.5	3	5	0.1	0.2	0.5	0.2	0.05	
Analysis Method	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
KAS00649	< 0.5	< 1	< 50	4.2	6	< 5	0.5	< 0.2	< 0.5	< 0.2	< 0.05	6.60
KAS842	3.4	< 1	< 50	48.4	86	35	10.1	1.2	0.7	2.5	0.54	4.65
KAS843	3.8	< 1	< 50	51.1	93	33	9.9	0.8	< 0.5	2.9	0.52	4.30
KAS844	< 0.5	< 1	170	20.0	36	23	4.5	0.7	< 0.5	1.4	< 0.05	4.99
KAS845	3.1	< 1	350	42.1	77	46	8.1	0.9	< 0.5	2.4	0.38	4.43
KAS846	3.5	< 1	260	39.0	68	39	8.3	0.8	< 0.5	2.3	0.38	4.72
KAS847	2.6	< 1	480	39.4	64	29	7.4	0.8	< 0.5	1.6	0.43	4.59
KAS848	3.4	< 1	300	41.3	70	28	8.6	0.9	< 0.5	2.4	0.49	4.98
KAS849	4.3	< 1	830	42.6	67	22	10.1	1.7	< 0.5	3.7	0.81	4.68
KAS850	7.2	< 1	520	37.7	61	25	7.4	1.2	< 0.5	3.0	0.28	5.24
KAS851	2.7	< 1	310	36.0	64	25	7.4	0.8	< 0.5	2.3	0.29	5.39
KAS852	3.0	< 1	500	31.3	< 3	22	5.9	1.2	< 0.5	1.5	0.14	5.09
KAS853	2.5	< 1	490	31.6	57	25	5.9	0.5	< 0.5	1.5	0.16	5.10
KAS854	3.6	< 1	400	27.5	57	19	5.0	0.3	< 0.5	1.7	0.07	5.20
KAS855	2.5	< 1	360	35.0	59	32	7.2	0.8	< 0.5	2.5	0.34	5.61
KAS856	2.7	< 1	730	41.5	78	25	8.6	0.8	< 0.5	2.1	0.47	4.88
KAS857	2.9	< 1	530	37.1	56	28	7.7	0.8	< 0.5	1.8	0.28	4.82
KAS858	5.4	< 1	370	38.6	44	18	7.9	0.7	< 0.5	1.9	0.36	4.87
KAS859	4.8	< 1	530	31.1	55	32	6.1	0.9	< 0.5	1.9	0.28	4.89
KAS860	2.8	< 1	990	31.1	62	29	6.5	0.8	< 0.5	1.7	0.25	5.32
KAS00016	< 0.5	< 1	< 50	25.4	45	33	5.8	0.8	< 0.5	1.8	0.06	5.80
KAS00017	< 0.5	< 1	110	34.0	75	22	7.4	1.0	< 0.5	2.4	0.27	5.82
KAS00018	1.8	< 1	70	19.2	36	16	4.3	0.3	< 0.5	1.5	< 0.05	6.49
KAS00019	1.7	< 1	350	15.5	26	19	3.4	0.4	< 0.5	1.0	< 0.05	6.06
KAS00020	1.9	< 1	290	14.9	28	< 5	3.2	0.4	< 0.5	1.0	< 0.05	6.25
KAS00021	2.4	< 1	210	17.2	30	7	3.4	0.5	< 0.5	1.0	< 0.05	6.33
KAS00022	1.5	< 1	170	14.3	24	9	3.4	0.3	< 0.5	0.9	< 0.05	6.05
KAS00023	1.8	< 1	180	14.8	23	11	3.1	0.4	< 0.5	0.8	< 0.05	6.63
KAS00024	1.0	< 1	240	7.9	14	9	1.8	0.2	< 0.5	0.6	< 0.05	6.89
KAS00025	2.0	< 1	5040	8.2	13	8	1.8	< 0.2	< 0.5	0.8	< 0.05	7.45
KAS00026	< 0.5	< 1	250	8.4	15	15	2.0	< 0.2	< 0.5	0.4	< 0.05	6.57
KAS00027	< 0.5	< 1	210	7.8	13	11	1.8	0.3	< 0.5	0.7	< 0.05	6.91
KAS00029	< 0.5	< 1	200	11.6	18	7	2.0	0.2	< 0.5	0.8	< 0.05	6.74
KAS00030	2.0	< 1	220	16.5	21	16	2.9	0.4	< 0.5	1.3	< 0.05	6.04
KAS00031	< 0.5	< 1	240	12.9	21	16	2.5	0.4	< 0.5	1.0	0.17	6.73
KAS00032	< 0.5	< 1	230	12.0	21	7	2.2	0.3	< 0.5	0.7	< 0.05	6.72
KAS00033	< 0.5	< 1	150	10.1	17	< 5	2.2	0.3	< 0.5	0.8	< 0.05	6.47
KAS00034	< 0.5	< 1	140	12.0	17	12	2.2	0.2	< 0.5	0.8	< 0.05	6.39
KAS00035	< 0.5	< 1	< 50	10.4	18	< 5	1.8	0.2	< 0.5	0.6	< 0.05	6.84
KAS00528	3.8	< 1	< 50	40.5	68	21	6.8	0.8	< 0.5	2.2	0.41	5.32
KAS00622	< 0.5	< 1	170	19.2	42	14	3.6	0.4	< 0.5	1.5	< 0.05	5.18
KAS00623	< 0.5	< 1	190	19.6	36	15	3.4	0.4	< 0.5	1.3	< 0.05	6.22
KAS00624	1.7	< 1	180	18.5	40	13	3.2	0.4	< 0.5	1.0	< 0.05	5.35
KAS00625	1.6	< 1	160	19.2	28	13	3.2	0.4	< 0.5	1.2	< 0.05	5.16
KAS00626	2.5	< 1	180	17.9	30	11	2.9	0.4	< 0.5	1.2	< 0.05	5.64
KAS00627	1.4	< 1	150	17.9	34	< 5	3.2	0.5	< 0.5	1.0	0.06	5.41
KAS00628	2.0	< 1	110	18.1	28	8	3.2	0.4	< 0.5	0.8	< 0.05	5.99
KAS00629	1.4	< 1	220	19.6	33	18	3.4	0.3	< 0.5	1.2	< 0.05	5.26
KAS00630	4.2	< 1	130	16.6	32	11	2.9	0.3	< 0.5	0.9	< 0.05	5.61
KAS00631	< 0.5	< 1	180	17.0	29	6	3.1	0.4	< 0.5	0.9	< 0.05	4.94
KAS00632	< 0.5	< 1	60	16.4	26	11	3.2	0.5	< 0.5	0.8	< 0.05	5.71
KAS00633	< 0.5	< 1	200	18.5	32	6	3.6	0.4	< 0.5	0.7	< 0.05	5.03

Analyte Symbol	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Mass
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g
Detection Limit	0.5	1	50	0.5	3	5	0.1	0.2	0.5	0.2	0.05	
Analysis Method	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
KAS00635	1.4	< 1	160	17.0	26	9	3.1	< 0.2	< 0.5	1.0	< 0.05	5.21
KAS752	2.0	< 1	90	27.9	59	19	5.2	0.7	< 0.5	1.7	0.12	5.12
KAS753	< 0.5	< 1	90	27.0	54	36	5.4	0.7	< 0.5	1.2	< 0.05	5.33
KAS754	< 0.5	< 1	90	32.5	58	24	6.1	0.7	< 0.5	1.7	0.23	5.76
KAS756	5.5	< 1	240	29.3	44	19	5.0	0.8	< 0.5	1.9	0.31	5.26
KAS757	4.5	< 1	360	25.2	45	17	4.5	0.6	< 0.5	2.1	0.27	5.20
KAS758	< 0.5	< 1	90	25.5	44	21	4.7	0.6	< 0.5	1.3	< 0.05	5.41
KAS759	< 0.5	< 1	70	21.3	36	13	4.0	0.3	< 0.5	1.0	< 0.05	6.03
KAS00603	3.8	< 1	80	46.5	92	27	7.9	0.8	< 0.5	2.2	0.60	5.12
KAS00607	4.7	< 1	120	43.7	85	26	7.9	0.6	< 0.5	2.4	0.56	5.56
KAS00608	3.4	< 1	80	42.6	78	36	7.4	0.7	< 0.5	2.3	0.65	5.64
KAS00609	4.0	< 1	150	43.8	86	17	7.4	0.7	< 0.5	2.4	0.40	5.46
KAS00613	4.0	< 1	70	49.9	3	35	7.6	0.7	< 0.5	2.3	0.13	5.20
KAS00615	1.2	< 1	160	43.7	88	34	6.8	1.0	< 0.5	1.4	0.11	6.33
KAS00616	3.1	< 1	90	47.2	98	28	7.2	0.8	< 0.5	2.2	0.13	6.05
KAS00617	3.5	< 1	< 50	46.9	98	30	7.2	0.7	< 0.5	1.9	0.13	5.95
KAS00618	4.1	< 1	< 50	45.4	78	24	7.0	0.8	< 0.5	2.2	0.11	6.15
KAS00619	4.0	< 1	< 50	46.2	96	30	7.2	1.0	< 0.5	2.0	0.12	5.82
KAS00621	3.1	< 1	< 50	45.3	74	25	7.0	1.0	< 0.5	1.8	0.12	5.82
KAS919	0.6	< 1	330	16.0	29	12	2.8	0.5	< 0.5	0.8	< 0.05	5.88
KAS920	1.0	< 1	460	12.5	27	10	2.5	0.2	< 0.5	0.7	< 0.05	6.11
KAS921	1.1	< 1	220	12.0	26	< 5	2.3	0.2	< 0.5	1.0	< 0.05	5.75
KAS922	1.4	< 1	250	11.4	24	13	1.9	< 0.2	< 0.5	0.8	< 0.05	6.23
KAS923	< 0.5	< 1	160	9.8	19	< 5	1.9	0.2	< 0.5	0.6	< 0.05	5.60
KAS924	0.6	< 1	310	11.7	24	10	2.1	0.4	< 0.5	0.8	< 0.05	6.26
KAS925	< 0.5	< 1	420	7.7	16	< 5	1.5	0.2	< 0.5	0.6	< 0.05	5.86
KAS926	1.1	< 1	1540	8.8	19	< 5	1.5	< 0.2	< 0.5	0.6	< 0.05	6.12
KAS927	< 0.5	< 1	1040	9.0	14	10	1.5	0.5	< 0.5	0.7	< 0.05	6.49
KAS00526	3.0	< 1	90	40.8	93	26	6.7	1.0	< 0.5	2.2	0.07	4.98
KAS00527	2.5	< 1	160	35.4	75	19	5.7	0.7	< 0.5	1.9	0.06	5.12
KAS00529	1.4	< 1	90	34.2	69	28	5.5	1.0	< 0.5	1.8	0.08	5.46
KAS00530	1.6	< 1	< 50	35.7	70	28	6.1	0.8	< 0.5	1.8	0.08	5.31
KAS00531	1.1	< 1	70	25.6	50	34	4.2	0.6	< 0.5	1.4	< 0.05	5.77
KAS00532	1.3	< 1	90	24.8	54	14	4.0	0.2	< 0.5	1.4	< 0.05	6.22
KAS00533	1.1	< 1	70	27.2	54	19	4.6	0.5	< 0.5	1.7	< 0.05	6.59
KAS00534	1.6	< 1	90	26.4	53	20	4.4	0.6	< 0.5	1.3	< 0.05	5.88
KAS00535	2.4	< 1	160	38.6	78	19	6.5	1.0	< 0.5	2.3	0.10	5.25
KAS00536	3.0	< 1	130	32.6	64	28	5.7	0.8	< 0.5	1.9	0.07	5.47
KAS00537	2.8	< 1	< 50	24.6	51	17	4.0	0.5	< 0.5	1.4	< 0.05	5.76
KAS00540	2.6	< 1	60	21.1	42	13	3.4	0.6	< 0.5	1.2	< 0.05	6.03
KAS00541	< 0.5	< 1	< 50	13.3	27	8	2.3	< 0.2	< 0.5	0.8	< 0.05	6.62
KAS00542	< 0.5	< 1	< 50	10.9	24	17	1.9	< 0.2	< 0.5	0.7	< 0.05	6.05
KAS00543	2.2	< 1	< 50	14.9	29	11	2.5	0.4	< 0.5	0.8	< 0.05	6.02
KAS00544	2.8	< 1	< 50	13.4	26	12	2.3	0.5	< 0.5	0.8	< 0.05	6.57
KAS00545	1.4	< 1	170	16.1	27	20	2.7	0.7	< 0.5	1.1	< 0.05	6.20
KAS00548	0.8	< 1	250	25.2	46	22	4.2	0.8	< 0.5	1.7	< 0.05	5.98
KAS00549	0.9	< 1	90	12.4	24	10	2.1	0.2	< 0.5	1.0	< 0.05	6.66
KAS00918	< 0.5	< 1	390	17.7	34	13	3.2	0.5	< 0.5	1.4	< 0.05	5.90
KAS00028	< 0.5	< 1	< 50	4.6	10	< 5	0.6	< 0.2	< 0.5	< 0.2	< 0.05	6.74
KAS755	1.5	< 1	160	36.7	77	18	6.1	0.8	< 0.5	1.7	0.08	5.44
KAS760	< 0.5	< 1	< 50	19.2	40	14	3.2	0.5	< 0.5	0.8	< 0.05	5.66
KAS761	1.3	< 1	120	31.1	64	17	4.9	0.6	< 0.5	1.4	< 0.05	5.15

Analyte Symbol	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Mass
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g
Detection Limit	0.5	1	50	0.5	3	5	0.1	0.2	0.5	0.2	0.05	
Analysis Method	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
KAS762	< 0.5	< 1	< 50	29.1	66	14	4.8	0.6	< 0.5	1.4	< 0.05	5.78
KAS764	1.1	< 1	100	17.3	37	10	3.0	0.3	< 0.5	0.9	< 0.05	6.00
KAS790	1.7	< 1	70	12.4	22	12	2.3	0.3	< 0.5	1.0	< 0.05	6.49
KAS794	< 0.5	< 1	< 50	21.9	45	14	4.0	0.5	< 0.5	1.4	< 0.05	5.99
KAS796	2.0	< 1	50	28.9	61	18	4.9	0.6	< 0.5	1.7	< 0.05	6.16
KAS798	2.6	< 1	90	33.3	67	30	5.5	0.6	< 0.5	1.8	< 0.05	6.38
KAS799	1.4	< 1	70	36.4	72	22	5.9	0.8	< 0.5	2.0	< 0.05	6.12
KAS800	1.8	< 1	< 50	25.0	51	14	4.2	0.6	< 0.5	1.4	< 0.05	6.48
KAS861	2.2	< 1	480	36.9	74	30	6.1	0.8	< 0.5	1.7	< 0.05	5.20
KAS1166	1.5	< 1	110	23.1	48	20	4.2	0.6	< 0.5	1.3	< 0.05	5.98
KAS1167	1.0	< 1	50	20.1	38	15	3.6	0.5	< 0.5	1.3	< 0.05	6.53
KAS1168	1.4	< 1	< 50	18.9	40	10	3.4	0.5	< 0.5	1.6	< 0.05	5.96
KAS1169	1.1	< 1	100	19.2	38	18	3.2	0.5	< 0.5	1.0	< 0.05	6.47
KAS1170	2.8	< 1	660	28.7	59	30	5.1	0.8	< 0.5	1.6	< 0.05	5.77
KAS1171	2.5	< 1	100	24.0	48	17	4.2	0.6	< 0.5	1.5	< 0.05	6.05
KAS1172	1.4	< 1	80	19.4	38	14	3.4	0.6	< 0.5	1.0	< 0.05	6.48
KAS1252	2.0	< 1	200	43.0	85	31	7.8	0.9	< 0.5	2.1	0.12	5.32
KAS1253	1.7	< 1	200	39.3	85	23	6.7	0.9	< 0.5	1.8	0.09	5.53
KAS1424	2.2	< 1	< 50	28.9	64	26	5.1	0.5	< 0.5	1.5	< 0.05	4.85
KAS1425	2.4	< 1	160	33.2	78	26	5.5	0.6	< 0.5	1.6	< 0.05	5.26
KAS1427	1.1	< 1	80	42.3	93	25	7.6	1.1	< 0.5	2.2	0.10	5.60
KAS1428	2.2	< 1	< 50	40.3	85	35	7.6	1.0	< 0.5	1.8	0.12	5.39
KAS1429	1.5	< 1	80	23.5	51	17	4.0	0.6	< 0.5	1.4	< 0.05	5.67
KAS1430	1.1	< 1	100	26.7	58	15	4.6	0.3	< 0.5	1.4	< 0.05	5.59
KAS1431	< 0.5	< 1	80	23.5	44	20	4.0	0.4	< 0.5	1.0	0.10	5.88
KAS1432	2.2	< 1	60	28.5	53	10	4.8	0.6	< 0.5	1.5	0.10	6.16
KAS1433	2.6	< 1	100	38.4	67	20	6.3	0.7	< 0.5	2.0	0.12	5.58
KAS1434	2.3	< 1	120	49.2	99	20	8.8	1.0	< 0.5	2.5	0.16	5.73
KAS1435	2.6	< 1	230	46.9	85	20	8.3	0.9	< 0.5	2.6	0.14	5.44
KAS1531	2.0	< 1	90	43.0	74	17	7.3	0.6	< 0.5	2.0	0.13	5.77
KAS1560	1.6	< 1	100	20.9	41	10	3.5	0.3	< 0.5	1.3	0.07	5.29
KAS1561	2.8	< 1	120	32.2	64	19	5.5	0.7	< 0.5	1.3	0.12	5.35
KAS1562	2.3	< 1	80	39.3	74	19	7.0	0.7	< 0.5	2.0	0.14	5.43
KAS1751	2.2	< 1	260	44.8	87	23	8.3	0.7	< 0.5	2.3	0.14	5.35
KAS1752	2.0	< 1	110	30.6	58	16	5.3	0.4	< 0.5	1.7	0.07	5.93
KAS1753	1.3	< 1	160	22.5	46	15	4.3	0.4	< 0.5	1.3	0.06	5.91
KAS00250	< 0.5	< 1	60	20.5	39	15	3.5	0.4	< 0.5	1.0	0.09	5.52
KAS00251	1.6	< 1	80	22.8	44	16	4.0	0.4	< 0.5	1.2	0.09	5.20
KAS00253	1.0	< 1	< 50	18.9	35	7	3.5	0.4	< 0.5	1.2	0.06	6.67
KAS00255	2.5	< 1	160	28.5	60	16	5.3	0.6	< 0.5	1.7	0.12	6.26
KAS00256	2.3	< 1	100	26.7	55	9	4.8	0.4	< 0.5	1.6	0.07	6.52
KAS00257	1.3	< 1	< 50	18.9	35	13	3.3	0.4	< 0.5	0.9	0.06	6.99
KAS00258	< 0.5	< 1	< 50	13.1	28	< 5	2.8	0.3	< 0.5	0.7	0.07	7.43
KAS00259	1.2	< 1	< 50	16.3	32	6	3.0	0.4	< 0.5	0.9	0.09	6.94
KAS00262	3.3	< 1	90	30.1	53	15	5.3	0.7	0.7	1.9	0.10	6.44
KAS00265	2.0	< 1	100	23.9	48	6	4.8	0.6	< 0.5	1.9	0.10	6.03
KAS00506	1.7	< 1	310	26.8	49	12	4.5	0.5	< 0.5	1.6	0.12	5.71
KAS00507	< 0.5	< 1	260	26.0	51	19	4.8	0.4	< 0.5	1.6	0.10	6.09
KAS00508	2.2	< 1	270	27.4	48	13	4.8	0.4	< 0.5	1.7	0.10	6.15
KAS00509	< 0.5	< 1	110	29.7	62	15	5.5	0.6	< 0.5	1.9	0.09	6.20
KAS00510	2.6	< 1	60	24.1	46	22	4.3	0.6	< 0.5	1.3	0.10	6.11
KAS00511	1.3	< 1	< 50	21.6	37	9	4.0	0.4	< 0.5	1.0	0.06	6.26

Analyte Symbol	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Mass
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g
Detection Limit	0.5	1	50	0.5	3	5	0.1	0.2	0.5	0.2	0.05	
Analysis Method	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
KAS00512	2.0	< 1	< 50	21.9	41	12	4.0	0.4	< 0.5	1.3	0.07	6.24
KAS00513	2.3	< 1	70	23.2	41	6	4.0	0.4	0.6	1.3	0.10	5.51
KAS00514	< 0.5	< 1	< 50	21.2	39	13	4.0	0.4	< 0.5	1.3	0.09	5.93
KAS00515	2.5	< 1	< 50	20.5	35	9	3.5	0.3	< 0.5	1.5	0.06	5.79
KAS00260	< 0.5	< 1	100	19.3	26	12	2.5	0.6	< 0.5	1.5	0.13	6.98
KAS00261	< 0.5	< 1	< 50	18.1	25	8	2.2	0.4	< 0.5	1.6	0.10	6.49
KAS00264	1.3	< 1	< 50	19.2	30	18	2.3	0.4	< 0.5	1.5	0.11	5.97
KAS00386	2.1	< 1	250	21.7	29	8	2.4	0.3	< 0.5	1.5	< 0.05	6.06
KAS00387	1.3	< 1	90	15.0	19	< 5	1.9	0.3	0.8	1.4	0.09	6.42
KAS00388	2.2	< 1	< 50	9.4	11	< 5	1.2	0.6	< 0.5	1.0	0.10	6.31
KAS00389	3.5	< 1	< 50	23.8	29	14	2.5	0.4	< 0.5	2.1	0.19	6.35
KAS00390	2.5	< 1	140	23.9	28	10	2.7	0.8	< 0.5	2.0	0.08	6.19
KAS00391	3.1	< 1	230	38.9	55	22	4.6	0.7	< 0.5	2.9	0.14	5.68
KAS00392	3.0	< 1	130	40.9	57	25	4.8	1.0	< 0.5	2.9	0.13	5.53
KAS00393	2.1	< 1	< 50	47.7	66	24	5.1	0.9	< 0.5	3.0	0.18	5.37
KAS00394	< 0.5	< 1	120	37.0	50	15	4.6	1.0	< 0.5	2.9	0.17	5.59
KAS00395	2.6	< 1	< 50	45.8	68	22	5.5	1.1	< 0.5	3.7	0.18	4.98
KAS00396	2.2	< 1	< 50	42.8	59	30	4.6	1.0	< 0.5	2.6	0.20	6.28
KAS00397	2.6	< 1	180	35.1	47	30	3.6	0.8	< 0.5	1.5	0.07	5.34
KAS00398	1.3	< 1	120	34.3	51	18	3.7	0.8	< 0.5	1.6	0.11	5.79
KAS00399	1.3	< 1	120	23.5	34	12	2.4	0.3	< 0.5	1.4	0.12	6.93
KAS701	2.2	< 1	< 50	30.9	57	22	3.4	0.7	< 0.5	1.4	0.11	5.60
KAS797	2.1	< 1	80	29.7	49	12	3.3	0.7	< 0.5	1.9	0.12	6.48
KAS1426	1.4	< 1	< 50	26.6	41	11	2.7	0.6	< 0.5	1.3	< 0.05	6.10
KAS00557	3.4	< 1	340	30.5	43	15	3.1	0.4	< 0.5	1.3	< 0.05	5.28
KAS00560	< 0.5	< 1	< 50	37.1	60	20	3.9	0.7	< 0.5	1.6	0.13	5.14
KAS00561	2.0	< 1	110	31.1	39	14	3.1	0.9	< 0.5	1.5	< 0.05	5.68
KAS00562	2.2	< 1	160	28.4	44	13	3.0	0.6	< 0.5	1.8	0.09	5.53
KAS00563	6.4	< 1	210	38.4	64	23	3.7	0.8	< 0.5	1.4	0.12	5.28
KAS767	< 0.5	< 1	150	27.6	41	17	3.0	0.6	< 0.5	1.6	0.10	5.90
KAS768	2.5	< 1	220	35.0	61	25	3.9	0.9	< 0.5	1.6	0.08	5.74
KAS769	2.0	< 1	500	38.4	61	45	4.5	1.0	< 0.5	2.5	0.12	5.79
KAS770	3.4	< 1	450	31.2	51	34	3.5	0.6	< 0.5	2.0	0.08	5.45
KAS771	1.4	< 1	610	28.0	43	13	3.2	0.6	< 0.5	1.8	0.09	5.68
KAS772	1.3	< 1	860	23.0	34	17	2.5	0.3	< 0.5	1.3	< 0.05	5.41
KAS773	2.3	< 1	560	29.4	45	9	3.3	0.8	< 0.5	1.9	0.11	6.02
KAS774	2.8	< 1	290	30.8	50	26	3.7	0.9	< 0.5	1.8	0.12	5.35
KAS775	1.5	< 1	530	30.7	51	10	3.6	0.8	< 0.5	2.2	0.12	5.45
KAS776	2.0	< 1	680	28.3	49	22	3.3	0.8	< 0.5	1.8	0.09	5.38
KAS777	2.0	< 1	810	18.3	32	10	2.3	0.5	< 0.5	1.6	0.09	5.81
KAS778	2.4	< 1	990	19.8	30	15	2.3	0.4	< 0.5	1.2	0.08	6.50
KAS779	1.6	< 1	1370	20.7	35	15	2.7	0.6	< 0.5	1.7	0.09	5.86
KAS780	1.0	< 1	680	13.9	24	17	1.7	0.3	< 0.5	0.8	0.08	5.86
KAS781	2.0	< 1	470	19.8	29	19	2.2	0.5	< 0.5	1.1	< 0.05	6.48
KAS00550	3.5	< 1	150	21.3	34	16	2.4	0.4	< 0.5	1.1	< 0.05	6.19
KAS00551	2.5	< 1	90	26.0	43	15	3.0	0.5	< 0.5	1.4	< 0.05	5.89
KAS00552	4.1	< 1	100	35.0	58	28	4.1	0.8	1.5	2.1	0.11	5.65
KAS00553	4.1	< 1	80	30.9	49	37	3.6	0.6	< 0.5	1.4	0.09	4.70
KAS00554	2.1	< 1	410	25.1	43	17	2.9	0.5	< 0.5	1.2	< 0.05	5.27
KAS00555	2.5	< 1	170	22.2	31	10	2.5	< 0.2	< 0.5	1.3	< 0.05	5.86
KAS00556	2.7	< 1	230	21.7	30	16	2.4	0.4	< 0.5	1.0	< 0.05	5.91
KAS00558	3.2	< 1	610	25.2	38	12	2.8	0.5	< 0.5	1.6	< 0.05	5.89

Analyte Symbol	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Mass
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g
Detection Limit	0.5	1	50	0.5	3	5	0.1	0.2	0.5	0.2	0.05	
Analysis Method	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
KAS00559	3.0	< 1	390	29.0	44	18	3.1	0.6	< 0.5	1.3	< 0.05	5.18
KAS00564	3.3	< 1	80	35.0	59	30	4.1	0.9	< 0.5	1.6	0.12	5.62
KAS1200	< 0.5	< 1	< 50	3.4	5	< 5	0.3	< 0.2	< 0.5	< 0.2	< 0.05	7.59
KAS1242	3.9	< 1	210	32.8	54	13	4.1	0.9	< 0.5	2.1	0.12	5.74
KAS1243	2.4	< 1	70	35.6	63	24	4.5	0.9	< 0.5	2.1	0.11	5.84
KAS1244	3.2	< 1	130	32.9	53	15	4.1	0.9	< 0.5	1.8	0.13	5.48
KAS1245	2.8	< 1	150	29.6	48	22	3.7	0.8	< 0.5	1.7	0.15	5.28
KAS1246	4.1	< 1	170	23.5	39	14	2.9	0.6	< 0.5	1.3	0.09	5.29
KAS1247	3.0	< 1	110	32.1	56	16	4.1	0.8	< 0.5	2.1	0.15	5.03
KAS1248	3.2	< 1	200	32.0	48	19	3.9	0.8	< 0.5	1.9	0.09	5.71
KAS1249	4.7	< 1	100	33.8	59	15	4.2	0.8	< 0.5	2.4	0.12	5.08
KAS1250	2.8	< 1	220	34.3	60	24	4.3	1.0	< 0.5	2.1	0.13	5.38
KAS00437	0.9	< 1	90	13.6	24	14	1.7	0.8	< 0.5	0.9	< 0.05	6.37
KAS00438	1.5	< 1	60	16.3	27	15	1.8	0.4	< 0.5	0.9	< 0.05	6.12
KAS00439	1.8	< 1	130	14.0	24	13	1.7	0.4	< 0.5	0.8	< 0.05	6.70
KAS00442	1.2	< 1	80	14.4	22	15	1.8	0.2	< 0.5	0.8	< 0.05	6.56
KAS00443	1.3	< 1	160	19.6	39	23	2.6	0.5	< 0.5	1.3	< 0.05	6.48
KAS00451	1.7	< 1	< 50	17.9	32	15	2.3	0.5	< 0.5	1.1	0.08	6.80
KAS00452	< 0.5	< 1	190	15.5	29	12	2.2	0.5	< 0.5	1.0	< 0.05	6.84
KAS00455	0.6	< 1	120	14.4	29	8	2.1	0.3	< 0.5	0.9	< 0.05	6.80
KAS00456	2.1	< 1	120	15.7	29	7	2.2	0.5	< 0.5	1.0	< 0.05	6.10
KAS00457	1.8	< 1	80	16.5	29	10	2.2	0.5	< 0.5	0.9	< 0.05	5.70
KAS00458	1.7	< 1	100	15.0	29	13	2.0	0.3	< 0.5	1.0	< 0.05	6.24
KAS00460	1.6	< 1	140	14.7	25	9	2.1	0.5	< 0.5	1.1	< 0.05	6.64
KAS00461	< 0.5	< 1	160	15.4	30	10	2.2	0.3	< 0.5	1.0	< 0.05	7.26
KAS00463	1.4	< 1	110	16.1	30	21	2.3	0.5	< 0.5	1.0	< 0.05	6.71
KAS00465	1.7	< 1	120	15.8	35	9	2.2	0.6	< 0.5	1.1	< 0.05	6.54
KAS00469	2.6	< 1	150	14.1	23	10	2.0	0.5	< 0.5	0.8	< 0.05	6.13
KAS00470	1.4	< 1	120	18.3	36	9	2.5	0.3	< 0.5	1.0	< 0.05	6.05
KAS1648	2.2	< 1	140	39.9	75	21	6.2	2.0	< 0.5	2.9	0.16	5.23
KAS1649	3.0	< 1	150	30.5	63	25	4.7	1.0	< 0.5	2.1	0.08	6.11
KAS1650	2.6	< 1	130	29.7	58	14	4.1	0.8	< 0.5	2.1	< 0.05	5.50

Quality Control

Analyte Symbol	Au	As	Ba	Co	Cr	Fe	Na	Sb	Sc	U	La	Ce	Sm
Unit Symbol	ppb	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	2	0.5	50	1	5	0.01	0.01	0.1	0.1	0.5	0.5	3	0.1
Analysis Method	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA

DMMAS 115 Meas	1840	530	1320	24	101	2.95	1.98	4.0	7.3	103	23.9	41	3.3
DMMAS 115 Cert	1720	527	1210	21.0	100	2.64	1.92	5.50	7.30	101	21.9	40.0	3.10
DMMAS 115 Meas	1840	530	1250	20	110	2.81	2.00	4.0	7.4	109	21.5	40	3.6
DMMAS 115 Cert	1720	527	1210	21.0	100	2.64	1.92	5.50	7.30	101	21.9	40.0	3.10