



Date Submitted: 26-Aug-13
Invoice No.: A13-10234
Invoice Date: 06-Sep-13
Your Reference: NA24-05

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

ATTN: Chad Ulansky

CERTIFICATE OF ANALYSIS

113 Vial samples were submitted for analysis.

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

REPORT **A13-10234**

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Notes:

For values exceeding the upper limits we recommend assays.

CERTIFIED BY :

A handwritten signature in blue ink, appearing to read "Elitsa Hrischeva", written over a horizontal line.

Elitsa Hrischeva, Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1.905.648.9611 or
+1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com



Activation Laboratories Ltd. Report: A13-10234

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
KAS3669	< 2	< 5	11.2	490	15.2	< 1	18	191	3	5.59	7	< 1	< 5	< 1	0.36	< 20	130	2.7	10.0	< 3	< 0.02	< 0.05	< 0.5	10.1
KAS3670	< 2	< 5	13.3	380	12.1	< 1	18	187	< 1	4.89	8	< 1	< 5	< 1	0.36	< 20	116	3.0	10.9	< 3	< 0.02	< 0.05	< 0.5	11.4
KAS3671	< 2	< 5	12.8	440	14.3	4	17	220	3	4.72	8	< 1	< 5	< 1	0.31	< 20	147	2.6	9.5	< 3	< 0.02	< 0.05	< 0.5	11.4
KAS3672	4	< 5	12.6	610	10.4	< 1	17	196	4	4.29	7	< 1	< 5	< 1	0.40	< 20	127	4.2	10.5	< 3	< 0.02	< 0.05	< 0.5	10.1
KAS3673	< 2	< 5	16.7	470	10.7	< 1	22	169	9	4.49	7	< 1	< 5	< 1	0.32	< 20	209	2.6	10.6	< 3	< 0.02	< 0.05	< 0.5	11.4
KAS3674	< 2	< 5	12.0	630	14.3	< 1	14	192	< 1	4.71	7	< 1	< 5	< 1	0.38	< 20	91	3.3	10.1	< 3	< 0.02	< 0.05	< 0.5	10.4
KAS3675	< 2	< 5	12.7	450	12.0	< 1	14	149	5	4.22	5	< 1	< 5	< 1	0.40	< 20	118	2.2	9.8	< 3	< 0.02	< 0.05	< 0.5	9.8
KAS3676	< 2	< 5	12.3	330	6.5	< 1	16	128	1	4.41	5	< 1	< 5	< 1	0.36	< 20	127	2.6	10.4	< 3	< 0.02	< 0.05	< 0.5	10.4
KAS3678	< 2	< 5	14.8	550	13.6	< 1	22	214	7	5.55	8	< 1	< 5	< 1	0.32	< 20	139	2.6	11.5	< 3	< 0.02	< 0.05	< 0.5	10.1
KAS3679	< 2	< 5	16.0	350	25.4	< 1	19	150	5	4.59	7	< 1	< 5	7	0.44	< 20	124	2.9	10.0	< 3	< 0.02	< 0.05	< 0.5	8.8
KAS3680	< 2	< 5	27.6	490	19.0	< 1	21	230	< 1	5.42	7	< 1	< 5	< 1	0.37	< 20	137	3.3	10.6	< 3	< 0.02	< 0.05	< 0.5	11.1
KAS3681	< 2	< 5	16.7	470	23.1	< 1	19	199	3	4.49	9	< 1	< 5	< 1	0.37	< 20	130	3.6	9.1	< 3	< 0.02	< 0.05	< 0.5	9.0
KAS3682	< 2	< 5	17.8	370	15.1	< 1	21	235	3	5.25	5	< 1	< 5	< 1	0.30	< 20	142	2.6	10.9	< 3	< 0.02	< 0.05	< 0.5	12.4
KAS3683	< 2	< 5	16.4	580	14.8	4	21	191	5	4.65	8	< 1	< 5	< 1	0.56	< 20	95	1.8	11.4	< 3	< 0.02	< 0.05	< 0.5	11.7
KAS3684	< 2	< 5	13.5	710	15.6	1	24	202	< 1	4.17	7	< 1	< 5	< 1	0.54	< 20	112	3.0	10.9	< 3	< 0.02	< 0.05	< 0.5	10.0
KAS3685	< 2	< 5	11.1	520	20.4	< 1	25	251	< 1	5.71	7	< 1	< 5	< 1	0.32	< 20	186	2.6	11.1	< 3	< 0.02	< 0.05	< 0.5	11.3
KAS3686	< 2	< 5	14.8	490	16.3	< 1	20	254	1	5.17	9	< 1	< 5	< 1	0.55	< 20	98	1.7	10.9	< 3	< 0.02	< 0.05	< 0.5	10.8
KAS3687	< 2	< 5	13.2	640	16.3	< 1	15	176	5	4.11	8	< 1	< 5	< 1	0.54	< 20	99	1.8	10.8	< 3	< 0.02	< 0.05	< 0.5	10.0
KAS3688	< 2	< 5	11.3	840	17.0	< 1	19	192	3	4.12	12	< 1	< 5	< 1	0.59	< 20	120	2.1	10.5	< 3	< 0.02	< 0.05	< 0.5	9.4
KAS3689	< 2	< 5	28.0	480	10.3	3	22	115	< 1	4.52	5	< 1	< 5	< 1	0.31	< 20	151	3.3	9.8	< 3	< 0.02	< 0.05	< 0.5	11.2
KAS3076	< 2	< 5	11.2	490	12.9	< 1	19	140	5	5.15	7	< 1	< 5	< 1	0.38	< 20	138	2.0	10.5	< 3	< 0.02	< 0.05	< 0.5	10.4
KAS3077	< 2	< 5	10.9	580	11.7	< 1	18	134	5	3.90	10	< 1	< 5	< 1	0.54	< 20	176	1.8	11.6	< 3	< 0.02	< 0.05	< 0.5	11.8
KAS3078	< 2	< 5	15.9	600	11.8	< 1	18	116	5	4.49	7	< 1	< 5	< 1	0.48	< 20	139	2.1	11.4	< 3	< 0.02	< 0.05	< 0.5	10.8
KAS3079	< 2	< 5	14.6	260	16.9	1	17	139	7	5.14	5	< 1	< 5	< 1	0.26	< 20	168	2.9	10.0	< 3	< 0.02	< 0.05	< 0.5	10.5
KAS3080	< 2	< 5	18.5	410	14.3	< 1	26	100	4	4.47	4	< 1	< 5	< 1	0.11	< 20	142	3.0	10.0	< 3	< 0.02	< 0.05	< 0.5	13.3
KAS3081	< 2	< 5	15.7	430	14.9	3	24	133	8	4.25	5	< 1	< 5	< 1	0.22	< 20	70	2.7	8.9	< 3	< 0.02	< 0.05	< 0.5	9.9
KAS3082	< 2	< 5	17.0	390	31.6	< 1	23	106	5	4.95	4	< 1	< 5	< 1	0.32	< 20	161	2.0	11.0	< 3	< 0.02	< 0.05	< 0.5	7.9
KAS3083	< 2	< 5	19.9	500	18.3	< 1	23	124	7	4.88	4	< 1	< 5	8	0.30	< 20	168	2.5	11.3	< 3	< 0.02	< 0.05	< 0.5	8.6
KAS3084	< 2	< 5	13.4	430	8.6	1	23	151	5	4.15	5	< 1	< 5	< 1	0.23	250	113	2.0	10.9	< 3	< 0.02	< 0.05	< 0.5	11.1
KAS3085	< 2	< 5	13.9	520	13.9	< 1	22	109	9	3.93	4	< 1	< 5	1	0.24	< 20	134	2.2	10.0	< 3	< 0.02	< 0.05	< 0.5	10.0
KAS3298	< 2	< 5	16.3	340	9.1	9	16	154	5	3.16	9	< 1	< 5	< 1	0.13	< 20	100	2.9	7.5	< 3	< 0.02	< 0.05	< 0.5	9.8
KAS3494	< 2	< 5	7.9	330	3.1	4	22	78	< 1	4.11	5	< 1	< 5	< 1	0.20	< 20	168	4.0	11.8	< 3	< 0.02	< 0.05	2.3	12.6
KAS3495	< 2	< 5	11.6	490	3.7	4	38	76	4	6.41	8	< 1	< 5	< 1	0.19	< 20	133	5.1	16.8	< 3	< 0.02	< 0.05	< 0.5	10.7
KAS3496	< 2	< 5	30.6	< 50	4.6	11	14	99	< 1	4.11	3	< 1	< 5	8	0.05	< 20	107	4.3	7.2	< 3	< 0.02	< 0.05	< 0.5	8.4
KAS3497	< 2	< 5	16.8	< 50	7.8	10	10	101	< 1	3.37	3	< 1	< 5	< 1	0.04	< 20	77	2.8	6.2	< 3	< 0.02	< 0.05	< 0.5	7.4
KAS3658	< 2	< 5	11.2	350	13.2	< 1	20	207	4	4.72	7	< 1	< 5	< 1	0.39	< 20	103	2.6	9.8	< 3	< 0.02	< 0.05	< 0.5	10.3
KAS3659	< 2	< 5	13.4	520	10.7	6	15	135	1	4.44	7	< 1	< 5	< 1	0.44	< 20	69	2.4	8.7	< 3	< 0.02	< 0.05	< 0.5	8.8
KAS3660	< 2	< 5	19.4	570	9.9	< 1	19	146	< 1	4.64	10	< 1	< 5	< 1	0.45	< 20	100	3.0	10.3	< 3	< 0.02	< 0.05	< 0.5	11.0
KAS3661	< 2	< 5	23.2	520	12.0	< 1	21	204	3	4.44	7	< 1	< 5	< 1	0.47	< 20	116	3.4	10.2	< 3	< 0.02	< 0.05	< 0.5	10.2
KAS3662	< 2	< 5	27.3	530	14.6	< 1	27	292	9	6.19	7	< 1	< 5	< 1	0.24	< 20	103	4.5	8.9	< 3	< 0.02	< 0.05	< 0.5	10.8
KAS00652	< 2	< 5	< 0.5	< 50	1.0	< 1	1	389	< 1	0.29	2	< 1	< 5	< 1	0.01	< 20	< 15	0.1	0.1	< 3	< 0.02	< 0.05	< 0.5	0.8
KAS3044	< 2	< 5	13.1	510	15.0	1	20	134	4	5.91	8	< 1	< 5	3	0.31	< 20	184	2.5	11.0	< 3	< 0.02	< 0.05	< 0.5	10.2
KAS3045	< 2	< 5	23.9	330	13.9	3	21	128	6	6.95	4	< 1	< 5	< 1	0.36	< 20	120	4.4	11.3	< 3	< 0.02	< 0.05	< 0.5	9.8
KAS3046	< 2	< 5	16.8	750	18.8	< 1	23	149	6	6.22	6	< 1	< 5	< 1	0.39	< 20	103	2.9	11.3	< 3	< 0.02	< 0.05	< 0.5	9.8
KAS3047	< 2	< 5	16.1	410	21.5	< 1	17	100	7	4.55	4	< 1	< 5	< 1	0.25	< 20	105	2.6	9.4	< 3	< 0.02	< 0.05	< 0.5	8.4
KAS3191	< 2	< 5	14.7	700	16.8	< 1	15	120	3	5.81	6	< 1	< 5	< 1	0.39	< 20	75	2.0	8.6	< 3	< 0.02	< 0.05	< 0.5	8.9
KAS3192	3	< 5	14.9	500	19.0	< 1	19	204	3	5.11	7	< 1	< 5	< 1	0.45	< 20	86	2.6	10.6	< 3	< 0.02	< 0.05	< 0.5	9.7
KAS3193	< 2	< 5	9.1	490	14.1	< 1	12	153	3	4.52	6	< 1	< 5	< 1	0.28	< 20	134	1.8	10.2	< 3	< 0.02	< 0.05	< 0.5	9.9
KAS3194	< 2	< 5	12.5	490	12.8	< 1	14	233	< 1	4.78	6	< 1	< 5	< 1	0.27	< 20	112	2.2	10.0	< 3	< 0.02	< 0.05	1.8	9.5
KAS3195	< 2	< 5	15.0	650	12.4	< 1	17	238	3	4.77	6	< 1	< 5	< 1	0.33	< 20	96	2.1	8.3	< 3	< 0.02	< 0.05	1.2	8.6
KAS3196	< 2	< 5	9.9	420	20.0	< 1	14	166	< 1	4.66	4	< 1	< 5	4	0.31	< 20	123	2.1	8.6	< 3	< 0.02	< 0.05	< 0.5	7.5
KAS3197	< 2	< 5	13.2	540	17.9	&																		

Activation Laboratories Ltd. Report: A13-10234

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
KAS3198	7	< 5	21.4	590	15.2	< 1	16	122	< 1	5.61	7	< 1	< 5	1	0.38	< 20	162	2.5	10.2	< 3	< 0.02	< 0.05	< 0.5	9.6
KAS3199	< 2	< 5	14.0	440	10.9	3	17	206	< 1	4.51	6	< 1	< 5	3	0.27	< 20	95	2.4	9.1	< 3	< 0.02	< 0.05	< 0.5	10.1
KAS3200	< 2	< 5	15.8	540	17.0	< 1	17	129	< 1	5.03	6	< 1	< 5	8	0.28	< 20	128	4.3	9.7	< 3	< 0.02	< 0.05	< 0.5	10.1
KAS3663	< 2	< 5	14.2	690	17.5	< 1	22	228	3	4.63	6	< 1	< 5	< 1	0.37	< 20	127	2.4	10.2	< 3	< 0.02	< 0.05	< 0.5	10.4
KAS3664	< 2	< 5	11.1	630	18.9	< 1	19	178	4	4.55	6	< 1	< 5	< 1	0.50	< 20	143	1.9	11.0	< 3	< 0.02	< 0.05	< 0.5	9.8
KAS3665	< 2	< 5	11.3	670	18.1	< 1	16	229	4	4.08	9	< 1	< 5	< 1	0.33	< 20	135	2.3	10.0	< 3	< 0.02	< 0.05	< 0.5	9.4
KAS3666	9	< 5	9.7	530	18.3	< 1	15	216	3	4.30	3	< 1	< 5	< 1	0.19	< 20	106	1.3	9.4	< 3	< 0.02	< 0.05	< 0.5	8.4
KAS3667	< 2	< 5	12.6	520	15.0	< 1	17	222	< 1	5.04	4	< 1	< 5	< 1	0.29	< 20	100	2.1	9.9	< 3	< 0.02	< 0.05	< 0.5	8.5
KAS3234	< 2	< 5	15.6	470	22.9	4	14	131	2	5.41	4	< 1	< 5	< 1	0.17	< 20	63	2.5	6.5	< 3	< 0.02	< 0.05	< 0.5	6.9
KAS3235	< 2	< 5	12.1	330	16.7	6	11	150	< 1	4.66	4	< 1	< 5	< 1	0.13	< 20	124	2.8	6.8	< 3	< 0.02	< 0.05	< 0.5	8.5
KAS3460	< 2	< 5	12.0	320	12.5	8	14	106	4	2.84	4	< 1	< 5	< 1	0.15	< 20	97	2.0	7.5	< 3	< 0.02	< 0.05	< 0.5	8.3
KAS3546	2	< 5	6.8	230	4.9	13	8	51	2	2.21	2	< 1	< 5	< 1	0.10	< 20	88	1.1	5.6	< 3	< 0.02	< 0.05	< 0.5	6.1
KAS3548	< 2	< 5	9.4	< 50	5.9	12	15	49	5	2.22	4	< 1	< 5	< 1	0.10	< 20	90	1.7	6.2	< 3	< 0.02	< 0.05	< 0.5	6.2
KAS3549	< 2	< 5	10.6	270	6.6	11	17	58	2	2.52	4	< 1	< 5	< 1	0.16	< 20	84	2.5	6.6	< 3	< 0.02	< 0.05	< 0.5	7.1
KAS3551	< 2	< 5	12.6	200	10.4	7	23	102	4	2.89	5	< 1	< 5	< 1	0.11	< 20	104	2.5	8.3	< 3	< 0.02	< 0.05	< 0.5	9.8
KAS3553	< 2	< 5	7.8	210	5.8	12	11	62	1	1.78	4	< 1	< 5	< 1	0.10	< 20	139	2.0	6.2	< 3	< 0.02	< 0.05	< 0.5	7.1
KAS3554	6	< 5	14.8	360	8.5	8	24	82	5	2.81	4	< 1	< 5	< 1	0.14	< 20	84	3.7	7.3	< 3	< 0.02	< 0.05	< 0.5	8.5
KAS3555	6	< 5	22.4	430	10.4	5	33	149	4	3.54	5	< 1	< 5	1	0.16	< 20	83	6.0	7.4	< 3	< 0.02	< 0.05	< 0.5	9.4
KAS3556	8	< 5	8.9	230	6.2	12	13	52	< 1	1.88	2	< 1	< 5	< 1	0.07	< 20	83	1.8	5.4	< 3	< 0.02	< 0.05	< 0.5	5.9
KAS3650	11	< 5	12.2	760	28.2	< 1	22	149	6	4.43	6	< 1	< 5	< 1	0.34	< 20	181	2.5	10.0	< 3	< 0.02	< 0.05	< 0.5	13.3
KAS3656	< 2	< 5	61.7	380	21.8	2	87	230	10	5.03	5	< 1	< 5	< 1	0.10	< 20	218	4.6	13.2	< 3	< 0.02	< 0.05	< 0.5	12.0
KAS3668	< 2	< 5	14.8	510	26.5	< 1	20	266	6	5.08	5	< 1	< 5	4	0.23	< 20	128	2.6	9.5	< 3	< 0.02	< 0.05	< 0.5	10.6
KAS3690	7	< 5	26.2	500	25.0	6	20	158	6	3.66	5	< 1	< 5	< 1	0.18	< 20	67	3.0	7.7	< 3	< 0.02	< 0.05	< 0.5	9.8
KAS3691	< 2	< 5	28.6	350	36.6	< 1	26	158	7	4.18	6	< 1	< 5	< 1	0.23	< 20	78	3.2	9.2	< 3	< 0.02	< 0.05	< 0.5	10.9
KAS3692	< 2	< 5	13.9	500	39.8	< 1	20	164	5	4.08	5	< 1	< 5	< 1	0.20	< 20	139	2.3	10.1	< 3	< 0.02	< 0.05	< 0.5	10.6
KAS3735	< 2	< 5	17.3	670	16.4	< 1	38	186	6	3.19	6	< 1	< 5	< 1	0.20	< 20	126	3.2	11.3	< 3	< 0.02	< 0.05	< 0.5	12.4
KAS3736	< 2	< 5	11.4	630	13.7	< 1	29	194	4	3.06	6	< 1	< 5	< 1	0.19	220	155	2.9	11.3	< 3	< 0.02	< 0.05	< 0.5	12.6
KAS3840	< 2	< 5	1.6	270	5.0	18	9	50	4	1.67	4	< 1	< 5	< 1	0.05	< 20	84	0.4	6.8	< 3	< 0.02	< 0.05	< 0.5	7.6
KAS3042	< 2	< 5	11.0	520	30.4	< 1	13	154	< 1	5.35	6	< 1	< 5	< 1	0.23	240	114	2.5	10.3	< 3	< 0.02	< 0.05	< 0.5	10.4
KAS3043	< 2	< 5	15.7	370	23.0	7	18	102	4	5.21	5	< 1	< 5	< 1	0.23	< 20	172	2.3	8.6	< 3	< 0.02	< 0.05	< 0.5	8.3
KAS3052	< 2	< 5	13.9	440	30.4	< 1	18	176	4	4.96	5	< 1	< 5	< 1	0.24	< 20	119	2.8	9.6	< 3	< 0.02	< 0.05	< 0.5	10.0
KAS3053	< 2	< 5	14.2	490	38.9	< 1	16	142	4	5.48	5	< 1	< 5	< 1	0.46	< 20	95	2.5	9.8	< 3	< 0.02	< 0.05	< 0.5	9.5
KAS3054	< 2	< 5	15.7	270	51.2	4	15	198	< 1	5.40	4	< 1	< 5	5	0.31	< 20	46	1.9	6.4	< 3	< 0.02	< 0.05	< 0.5	6.1
KAS3055	< 2	< 5	16.7	600	57.5	< 1	23	158	< 1	6.98	7	< 1	< 5	< 1	0.34	< 20	109	2.2	10.1	< 3	< 0.02	< 0.05	< 0.5	8.6
KAS3056	< 2	< 5	14.6	660	32.9	< 1	21	152	6	6.54	7	< 1	< 5	< 1	0.43	< 20	122	2.5	11.4	< 3	< 0.02	< 0.05	< 0.5	11.3
KAS3057	< 2	< 5	14.9	650	28.1	< 1	18	172	5	5.05	7	< 1	< 5	< 1	0.54	< 20	157	2.2	11.9	< 3	< 0.02	< 0.05	< 0.5	10.9
KAS3058	< 2	< 5	15.0	660	37.4	< 1	18	162	2	5.46	6	< 1	< 5	< 1	0.42	< 20	102	1.7	9.6	< 3	< 0.02	< 0.05	< 0.5	9.8
KAS3059	< 2	< 5	15.7	730	34.9	< 1	19	155	4	6.13	6	< 1	< 5	< 1	0.47	< 20	137	1.8	10.2	< 3	< 0.02	< 0.05	< 0.5	10.3
KAS3060	11	< 5	39.4	410	51.1	< 1	34	169	7	6.52	6	< 1	< 5	4	0.25	< 20	83	4.0	8.9	< 3	< 0.02	< 0.05	< 0.5	9.0
KAS3061	< 2	< 5	14.9	520	35.4	< 1	20	158	7	4.45	6	< 1	< 5	< 1	0.36	< 20	148	2.3	9.6	< 3	< 0.02	< 0.05	< 0.5	9.2
KAS3062	< 2	< 5	21.5	680	38.2	< 1	24	186	4	6.31	7	< 1	< 5	< 1	0.38	< 20	161	2.4	10.6	< 3	< 0.02	< 0.05	< 0.5	11.8
KAS3063	< 2	< 5	16.6	610	35.3	< 1	21	175	2	5.22	7	< 1	< 5	< 1	0.38	< 20	134	2.8	10.7	< 3	< 0.02	< 0.05	< 0.5	11.4
KAS3064	< 2	< 5	18.6	540	35.8	< 1	22	173	6	5.54	7	< 1	< 5	< 1	0.43	< 20	108	2.8	11.5	< 3	< 0.02	< 0.05	< 0.5	10.4
KAS3176	< 2	< 5	45.4	300	12.7	5	20	124	4	3.24	5	< 1	< 5	< 1	0.16	270	119	3.1	8.0	< 3	< 0.02	< 0.05	< 0.5	9.7
KAS3177	< 2	< 5	39.7	300	13.2	7	18	127	7	3.41	5	< 1	< 5	< 1	0.16	< 20	142	3.0	8.3	< 3	< 0.02	< 0.05	< 0.5	9.2
KAS3178	< 2	< 5	23.7	570	37.0	2	22	140	< 1	6.56	5	< 1	< 5	< 1	0.28	< 20	208	5.3	10.1	< 3	< 0.02	< 0.05	< 0.5	11.0
KAS3179	< 2	< 5	16.8	330	19.9	10	14	137	4	4.39	4	< 1	< 5	< 1	0.13	< 20	115	3.5	6.0	< 3	< 0.02	< 0.05	< 0.5	7.6
KAS3180	< 2	< 5	24.0	350	28.9	8	18	173	< 1	5.70	6	< 1	< 5	< 1	0.19	< 20	38	5.8	7.4	< 3	< 0.02	< 0.05	< 0.5	9.4
KAS3181	< 2	< 5	20.8	340	23.8	6	16	114	< 1	5.15	6	< 1	< 5	< 1	0.30	< 20	144	3.1	8.9	< 3	< 0.02	< 0.05	< 0.5	9.7
KAS3693	< 2	< 5	20.2	290	33.2	4	17	185	4	4.32	5	< 1	< 5	< 1	0.24	< 20	127	4.6	8.3	< 3	< 0.02	< 0.05	< 0.5	9.1
KAS3694	< 2	< 5	8.9	420	34.2	< 1	13	151	4	2.89	4	< 1	< 5	< 1	0.34	< 20	54	1.2	7.4	< 3	< 0.02	< 0.05	< 0.5	6.8
KAS3695	< 2	< 5	22.1	500	22.8	< 1	19	179	8	4.68	6	< 1	< 5	1	0.31	< 20	114							

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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	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
KAS3696	< 2	< 5	17.0	530	25.1	< 1	18	143	5	4.88	6	< 1	< 5	< 1	0.29	< 20	114	2.8	10.7	< 3	< 0.02	< 0.05	< 0.5	10.6
KAS3697	< 2	< 5	14.7	360	24.1	1	18	210	6	4.48	6	< 1	< 5	< 1	0.22	< 20	102	2.5	10.1	< 3	< 0.02	< 0.05	< 0.5	11.3
KAS3698	< 2	< 5	11.8	400	19.8	7	15	166	5	3.38	5	< 1	< 5	< 1	0.12	< 20	74	1.9	8.0	< 3	< 0.02	< 0.05	< 0.5	9.2
KAS3699	8	< 5	11.6	340	16.8	7	13	139	4	2.76	5	< 1	< 5	< 1	0.11	< 20	103	1.9	6.7	< 3	< 0.02	< 0.05	< 0.5	7.3
KAS3700	5	< 5	7.8	180	11.9	10	11	98	4	2.51	4	< 1	< 5	< 1	0.08	< 20	49	1.6	5.8	< 3	< 0.02	< 0.05	< 0.5	6.7
KAS3702	< 2	< 5	102	540	19.0	2	15	127	5	5.02	4	< 1	< 5	< 1	0.18	< 20	96	2.4	9.1	< 3	< 0.02	< 0.05	< 0.5	10.8
KAS3769	< 2	< 5	12.5	260	11.6	7	17	132	2	3.11	4	< 1	< 5	< 1	0.11	< 20	78	3.5	7.2	< 3	< 0.02	< 0.05	< 0.5	6.8
KAS4002	< 2	< 5	7.8	160	7.8	12	8	89	2	2.06	4	< 1	< 5	< 1	0.06	< 20	59	1.4	5.4	< 3	< 0.02	< 0.05	< 0.5	6.5
KAS4016	< 2	< 5	28.4	400	27.4	< 1	30	154	5	4.84	5	< 1	< 5	< 1	0.22	< 20	102	4.4	13.3	< 3	< 0.02	< 0.05	< 0.5	12.6

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
KAS3669	3.0	< 1	220	44.2	94	34	7.1	1.7	< 0.5	3.2	0.20	6.38
KAS3670	7.4	< 1	80	45.4	88	29	6.8	1.7	< 0.5	3.6	0.17	5.96
KAS3671	3.8	< 1	70	42.0	84	29	6.5	1.4	< 0.5	2.5	0.20	5.78
KAS3672	3.4	< 1	170	46.4	86	43	7.0	1.5	< 0.5	3.1	0.14	6.53
KAS3673	4.7	< 1	70	44.4	92	32	6.1	1.2	< 0.5	2.5	0.14	5.98
KAS3674	2.2	< 1	170	44.2	88	19	7.0	1.5	< 0.5	2.4	0.22	5.75
KAS3675	2.6	< 1	130	39.4	74	29	6.3	1.4	< 0.5	2.7	0.15	6.07
KAS3676	3.9	< 1	320	45.2	84	22	6.8	1.5	< 0.5	2.7	0.15	6.24
KAS3678	4.0	< 1	130	52.4	110	60	9.2	2.2	1.7	4.1	0.17	5.66
KAS3679	3.3	< 1	220	45.7	92	27	7.0	1.7	< 0.5	3.1	0.17	5.44
KAS3680	7.0	< 1	210	45.7	104	15	7.3	1.2	< 0.5	3.1	0.19	5.78
KAS3681	2.7	< 1	220	41.8	88	29	7.0	1.5	< 0.5	3.2	0.20	6.15
KAS3682	3.6	< 1	180	42.7	98	29	6.8	1.9	< 0.5	3.2	0.19	5.63
KAS3683	4.0	< 1	240	43.9	98	24	7.1	1.4	< 0.5	3.4	0.17	6.09
KAS3684	4.3	< 1	70	44.7	88	27	7.0	1.7	< 0.5	3.1	0.19	5.92
KAS3685	4.6	< 1	130	47.1	114	48	7.5	1.5	< 0.5	3.7	0.19	6.27
KAS3686	5.7	< 1	110	45.4	100	34	7.1	1.7	< 0.5	3.6	0.20	6.12
KAS3687	5.2	< 1	170	40.0	88	22	6.1	1.2	1.0	3.6	0.15	6.22
KAS3688	3.8	< 1	< 50	44.2	94	24	7.1	1.2	< 0.5	3.9	0.19	6.16
KAS3689	4.4	< 1	270	41.8	86	22	6.3	1.2	< 0.5	2.7	0.12	6.50
KAS3076	3.0	< 1	120	44.2	100	24	7.1	1.5	< 0.5	3.6	0.22	5.85
KAS3077	5.5	< 1	110	47.3	106	36	7.0	1.4	< 0.5	3.4	0.17	6.30
KAS3078	4.6	< 1	130	44.5	102	34	7.0	1.2	< 0.5	2.9	0.19	6.26
KAS3079	4.8	< 1	210	36.5	84	27	6.5	1.5	< 0.5	2.7	0.15	5.95
KAS3080	2.5	< 1	90	35.5	74	31	5.4	1.0	< 0.5	2.7	0.15	5.81
KAS3081	3.6	< 1	210	35.2	78	37	6.1	1.4	< 0.5	2.7	0.12	5.94
KAS3082	4.9	< 1	380	32.1	68	17	5.9	1.0	< 0.5	2.7	0.12	5.34
KAS3083	7.4	< 1	490	37.2	88	24	6.6	1.4	1.2	3.4	0.22	5.32
KAS3084	5.5	< 1	170	46.4	92	43	7.0	1.5	1.0	3.2	0.20	5.55
KAS3085	4.9	< 1	200	37.6	88	27	5.9	1.4	< 0.5	3.1	0.14	5.55
KAS3298	3.8	< 1	110	42.0	82	22	4.8	1.0	< 0.5	2.2	0.10	5.93
KAS3494	2.7	< 1	270	49.8	110	34	7.8	1.5	< 0.5	3.1	0.12	6.67
KAS3495	4.4	< 1	80	63.6	166	48	10.4	2.4	< 0.5	4.6	0.14	6.44
KAS3496	2.9	< 1	160	30.3	78	17	4.4	1.4	< 0.5	2.2	0.05	5.99
KAS3497	2.3	< 1	90	25.0	71	12	3.9	0.9	< 0.5	1.9	< 0.05	6.59
KAS3658	3.0	< 1	220	48.1	131	22	7.5	2.0	< 0.5	3.4	0.22	6.29
KAS3659	2.3	< 1	110	41.3	113	34	7.3	1.7	< 0.5	3.4	0.15	6.35
KAS3660	4.2	< 1	100	44.0	101	39	7.5	1.7	< 0.5	3.2	0.20	5.90
KAS3661	1.4	< 1	150	41.1	115	31	7.1	1.7	< 0.5	3.1	0.17	6.01
KAS3662	2.0	< 1	1340	41.8	122	29	8.3	1.7	< 0.5	2.9	0.20	5.98
KAS00652	< 0.5	< 1	< 50	4.3	12	5	0.5	< 0.2	< 0.5	< 0.2	< 0.05	8.18
KAS3044	3.4	< 1	340	43.7	131	51	9.2	2.0	< 0.5	3.4	0.22	6.12
KAS3045	3.2	< 1	210	42.5	124	37	9.4	2.0	< 0.5	4.3	0.22	6.16
KAS3046	5.3	< 1	270	42.5	108	26	9.0	1.9	< 0.5	4.1	0.22	5.70
KAS3047	5.5	< 1	290	36.5	92	14	6.8	1.5	< 0.5	2.5	0.19	5.38
KAS3191	3.1	< 1	390	37.9	122	20	6.6	1.9	< 0.5	2.5	0.17	5.97
KAS3192	5.1	< 1	230	43.0	113	34	8.2	2.0	< 0.5	3.4	0.19	5.92
KAS3193	3.0	< 1	190	42.7	106	34	7.5	1.5	< 0.5	3.2	0.19	5.85
KAS3194	3.0	< 1	130	37.2	99	37	6.8	1.9	< 0.5	3.2	0.17	5.55
KAS3195	4.3	< 1	200	36.9	106	26	7.1	1.7	< 0.5	3.2	0.15	6.06
KAS3196	3.3	< 1	410	32.3	87	27	6.5	1.5	1.7	2.5	0.14	5.63
KAS3197	4.6	< 1	400	40.1	108	24	7.3	1.7	< 0.5	3.2	0.17	6.20

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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
KAS3198	4.4	< 1	320	42.3	113	27	8.0	2.0	< 0.5	3.9	0.20	6.12
KAS3199	3.7	< 1	170	43.3	127	37	7.3	2.0	< 0.5	3.2	0.09	5.50
KAS3200	3.1	< 1	530	41.7	110	32	7.5	2.0	< 0.5	3.6	0.17	5.90
KAS3663	4.2	< 1	210	44.5	129	24	7.8	1.7	< 0.5	3.6	0.20	5.84
KAS3664	2.4	< 1	140	45.2	124	53	8.5	1.9	< 0.5	3.4	0.20	5.83
KAS3665	4.0	< 1	140	40.6	110	37	7.1	1.4	< 0.5	3.4	0.20	6.21
KAS3666	7.5	< 1	70	37.2	101	31	6.1	1.5	< 0.5	2.9	0.17	5.82
KAS3667	4.1	< 1	170	38.6	108	27	7.5	1.5	1.5	3.2	0.19	5.78
KAS3234	3.3	< 1	170	26.2	69	26	5.3	1.4	< 0.5	2.2	0.05	6.64
KAS3235	3.3	< 1	90	34.7	97	26	5.6	1.2	< 0.5	2.7	0.09	6.48
KAS3460	2.9	< 1	170	33.2	92	22	5.6	1.4	< 0.5	2.7	< 0.05	6.39
KAS3546	1.4	< 1	60	21.1	62	29	3.4	1.2	< 0.5	2.0	< 0.05	6.96
KAS3548	2.4	< 1	< 50	26.2	63	19	4.4	0.5	< 0.5	1.0	0.06	6.75
KAS3549	3.1	< 1	110	32.6	75	25	5.1	0.5	< 0.5	1.2	0.07	6.94
KAS3551	2.0	< 1	110	36.9	88	13	6.2	0.5	< 0.5	1.3	0.07	6.43
KAS3553	1.6	< 1	< 50	27.5	65	12	4.2	0.4	< 0.5	1.0	0.10	6.44
KAS3554	2.8	< 1	< 50	38.6	83	24	6.2	0.6	< 0.5	1.3	0.08	6.63
KAS3555	3.4	< 1	60	40.5	98	13	7.3	0.8	< 0.5	1.8	0.12	6.93
KAS3556	1.9	< 1	80	24.6	60	< 5	4.2	0.4	< 0.5	1.0	0.06	6.96
KAS3650	4.9	< 1	< 50	53.4	130	19	9.9	0.8	< 0.5	2.5	0.14	6.45
KAS3656	4.9	< 1	< 50	54.6	140	18	9.2	1.0	1.0	2.5	0.16	6.25
KAS3668	1.9	< 1	100	43.3	120	14	8.4	0.8	0.6	1.7	0.17	6.11
KAS3690	3.1	< 1	210	41.7	98	16	7.9	0.8	< 0.5	2.0	0.12	6.28
KAS3691	6.4	< 1	230	44.4	100	26	8.4	1.0	< 0.5	1.9	0.14	5.93
KAS3692	3.5	< 1	130	38.9	95	16	7.5	0.8	< 0.5	1.9	0.17	5.76
KAS3735	3.5	< 1	< 50	55.6	133	32	8.6	0.8	< 0.5	2.0	0.17	6.14
KAS3736	3.8	< 1	< 50	51.8	130	17	8.4	1.0	< 0.5	2.2	0.13	5.94
KAS3840	1.2	< 1	< 50	28.6	70	12	5.1	0.4	< 0.5	1.4	0.08	6.37
KAS3042	3.1	< 1	470	43.2	113	17	9.2	1.0	0.7	2.5	0.17	5.72
KAS3043	2.9	< 1	350	36.4	95	16	8.8	1.2	1.0	2.0	0.16	6.38
KAS3052	3.7	< 1	190	43.7	110	30	8.1	0.8	< 0.5	1.7	0.13	6.07
KAS3053	4.9	< 1	310	40.0	98	22	9.0	1.0	< 0.5	2.0	0.13	6.49
KAS3054	2.8	< 1	180	34.0	85	16	7.3	1.0	< 0.5	1.7	0.12	6.03
KAS3055	3.1	< 1	80	42.2	110	25	10.8	1.4	< 0.5	2.2	0.17	6.06
KAS3056	5.3	< 1	180	50.0	128	40	10.3	1.2	< 0.5	2.8	0.16	6.07
KAS3057	5.4	< 1	170	51.7	125	17	10.6	1.2	< 0.5	2.4	0.20	6.09
KAS3058	5.2	< 1	180	40.8	103	29	8.6	1.1	< 0.5	2.0	0.12	6.11
KAS3059	3.4	< 1	110	44.5	125	25	9.0	1.1	< 0.5	2.0	0.19	6.31
KAS3060	2.9	< 1	170	35.7	105	12	7.9	1.1	< 0.5	1.7	0.12	5.82
KAS3061	2.8	< 1	140	41.8	108	23	7.9	0.8	0.8	1.7	0.11	6.10
KAS3062	4.4	< 1	170	44.0	120	38	9.9	1.2	< 0.5	2.4	0.19	6.01
KAS3063	4.1	< 1	240	43.5	120	18	9.0	1.1	1.2	2.3	0.19	6.29
KAS3064	6.6	< 1	240	44.5	118	17	9.2	1.1	1.0	2.5	0.18	5.92
KAS3176	2.8	< 1	180	37.9	103	18	6.8	0.7	1.0	1.3	0.11	7.06
KAS3177	2.2	< 1	260	38.8	110	20	7.5	1.2	< 0.5	2.5	0.20	6.71
KAS3178	5.5	< 1	460	36.7	100	15	9.0	1.5	1.4	3.2	0.24	6.19
KAS3179	2.2	< 1	250	23.8	75	10	5.5	1.0	< 0.5	1.7	0.15	6.90
KAS3180	2.6	< 1	560	31.8	85	22	7.5	1.2	< 0.5	2.4	0.20	6.52
KAS3181	1.9	< 1	250	33.0	95	24	7.5	1.2	< 0.5	2.9	0.17	6.13
KAS3693	2.9	< 1	290	31.8	85	37	7.0	1.0	< 0.5	2.9	0.17	5.85
KAS3694	4.7	< 1	220	23.3	60	15	4.4	0.7	< 0.5	1.5	0.09	5.00
KAS3695	5.4	< 1	240	43.7	118	48	9.2	1.2	< 0.5	2.9	0.25	5.70

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
KAS3696	3.2	< 1	360	41.3	115	27	9.0	1.4	0.9	2.7	0.17	5.74
KAS3697	2.9	< 1	120	41.7	108	36	8.4	1.4	< 0.5	2.7	0.20	5.78
KAS3698	3.1	< 1	90	33.8	85	19	6.4	0.7	< 0.5	2.4	0.17	6.05
KAS3699	2.4	< 1	90	31.1	80	19	5.7	0.9	0.9	1.9	0.20	6.27
KAS3700	2.8	< 1	80	26.9	70	17	4.6	0.9	< 0.5	1.7	0.12	6.54
KAS3702	4.7	< 1	170	34.7	88	20	7.3	1.2	1.4	2.5	0.17	6.34
KAS3769	2.2	< 1	190	36.7	98	27	6.2	1.0	0.7	1.9	0.10	6.55
KAS4002	1.9	< 1	60	23.0	63	17	4.2	0.5	< 0.5	1.5	0.10	6.52
KAS4016	5.5	< 1	460	40.3	108	22	9.9	1.5	1.9	3.6	0.29	5.63

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	1810	532	1330	24	100	2.81	1.97	4.8	7.4	102	22.4	35	3.1
DMMAS 115 Cert	1720	527	1210	21.0	100	2.64	1.92	5.50	7.30	101	21.9	40.0	3.10