



Date Submitted: 09-Sep-13  
Invoice No.: A13-10898  
Invoice Date: 18-Sep-13  
Your Reference: NA34-12

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

ATTN: Chad Ulansky

## CERTIFICATE OF ANALYSIS

20 Vial samples were submitted for analysis.

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

REPORT **A13-10898**

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### Notes:

For values exceeding the upper limits we recommend assays.

CERTIFIED BY :

A handwritten signature in black ink, appearing to be "Emmanuel Esemé".

Emmanuel Esemé , Ph.D.  
Quality Control

### ACTIVATION LABORATORIES LTD.

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**Activation Laboratories Ltd.      Report:    A13-10898**

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
KAR00005	< 2	< 5	< 0.5	550	< 0.5	10	57	113	< 1	11.8	7	< 1	< 5	< 1	2.64	< 20	< 15	1.8	24.7	< 3	< 0.02	< 0.05	< 0.5	4.4
KAR00006	< 2	< 5	< 0.5	< 50	< 0.5	< 1	48	124	< 1	10.4	7	< 1	< 5	< 1	2.92	< 20	< 15	< 0.1	21.2	< 3	< 0.02	< 0.05	< 0.5	5.9
KAR00008	< 2	< 5	200	< 50	< 0.5	< 1	3	42	< 1	30.8	< 1	< 1	< 5	< 1	0.02	< 20	< 15	143	2.1	< 3	< 0.02	< 0.05	< 0.5	1.6
KAR00300	< 2	< 5	10.2	< 50	1.7	21	2	62	< 1	3.12	< 1	< 1	< 5	< 1	0.03	< 20	< 15	1.1	0.8	< 3	< 0.02	< 0.05	< 0.5	< 0.2
KAR00329	< 2	< 5	2.5	< 50	1.9	22	2	< 5	< 1	2.24	< 1	< 1	< 5	< 1	0.02	< 20	< 15	0.9	2.2	< 3	< 0.02	< 0.05	< 0.5	0.6
KAR371	< 2	< 5	2.6	< 50	1.7	16	4	46	< 1	2.30	< 1	< 1	< 5	< 1	0.02	< 20	< 15	6.5	1.2	< 3	< 0.02	< 0.05	< 0.5	0.9
KAR392	< 2	< 5	11.2	< 50	< 0.5	10	16	51	< 1	3.48	10	< 1	< 5	< 1	0.04	< 20	< 15	2.5	5.5	< 3	< 0.02	< 0.05	< 0.5	7.8
KAR8491	7	< 5	8.3	< 50	3.5	7	9	71	3	2.10	3	< 1	< 5	< 1	0.09	< 20	99	1.7	7.4	< 3	< 0.02	< 0.05	< 0.5	7.6
KAR00103	< 2	< 5	< 0.5	530	< 0.5	9	10	58	< 1	2.80	4	< 1	< 5	< 1	0.05	< 20	55	0.6	7.7	< 3	< 0.02	< 0.05	< 0.5	9.1
KAR00277	< 2	< 5	8.3	< 50	1.5	8	7	76	< 1	1.56	< 1	< 1	< 5	< 1	0.01	< 20	< 15	1.5	1.0	< 3	< 0.02	< 0.05	< 0.5	< 0.2
KAR00278	< 2	< 5	7.2	< 50	< 0.5	17	8	36	< 1	2.44	3	< 1	< 5	< 1	0.03	< 20	58	2.4	3.7	< 3	< 0.02	< 0.05	< 0.5	4.4
KAR00281	4	< 5	13.3	330	3.4	13	18	46	< 1	2.48	3	< 1	< 5	10	0.05	< 20	71	6.7	4.8	< 3	< 0.02	< 0.05	< 0.5	5.3
KAR00295	< 2	< 5	62.5	< 50	< 0.5	25	40	20	< 1	6.24	< 1	< 1	< 5	< 1	0.02	< 20	37	8.4	1.5	< 3	< 0.02	< 0.05	< 0.5	2.0
298	< 2	< 5	4.3	< 50	1.3	19	8	22	< 1	1.74	2	< 1	< 5	< 1	0.03	< 20	26	1.2	2.0	< 3	< 0.02	< 0.05	< 0.5	1.6
KAR00320	< 2	< 5	4.1	< 50	< 0.5	< 1	< 1	551	< 1	1.35	< 1	< 1	< 5	< 1	0.02	< 20	< 15	2.4	0.5	< 3	< 0.02	< 0.05	< 0.5	3.8
KAR00351	< 2	< 5	29.4	< 50	< 0.5	10	57	105	< 1	6.67	4	< 1	< 5	< 1	0.03	< 20	153	7.9	7.9	< 3	< 0.02	< 0.05	< 0.5	8.6
KAR00352	< 2	< 5	18.0	< 50	< 0.5	10	7	31	< 1	1.90	2	< 1	< 5	< 1	0.03	< 20	59	4.3	5.6	< 3	< 0.02	< 0.05	< 0.5	6.2
KAR00353	< 2	< 5	18.7	460	< 0.5	9	20	52	< 1	2.18	3	< 1	< 5	< 1	0.03	< 20	48	6.1	7.1	< 3	< 0.02	< 0.05	< 0.5	6.4
KAR393	< 2	< 5	5.2	< 50	4.2	10	9	175	< 1	1.43	2	< 1	< 5	< 1	0.03	< 20	31	2.4	4.6	< 3	< 0.02	< 0.05	< 0.5	4.4
KAR00373	< 2	< 5	14.0	< 50	< 0.5	8	59	277	< 1	11.8	< 1	< 1	< 5	< 1	0.69	< 20	< 15	4.1	33.4	< 3	< 0.02	< 0.05	< 0.5	< 0.2

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
KAR00005	< 0.5	< 1	270	65.9	112	110	11.5	3.0	< 0.5	3.0	0.06	8.67
KAR00006	< 0.5	< 1	< 50	66.6	122	95	11.6	2.6	< 0.5	3.1	< 0.05	7.82
KAR00008	15.5	< 1	21900	2.2	< 3	< 5	0.1	< 0.2	< 0.5	1.2	0.30	12.2
KAR00300	< 0.5	< 1	90	7.1	14	< 5	1.0	< 0.2	< 0.5	0.6	< 0.05	9.12
KAR00329	< 0.5	< 1	< 50	4.9	7	13	1.3	0.2	< 0.5	0.7	< 0.05	8.42
KAR371	2.8	< 1	140	5.5	10	< 5	1.1	< 0.2	< 0.5	< 0.2	< 0.05	8.17
KAR392	< 0.5	< 1	180	43.7	70	25	5.8	1.3	< 0.5	1.9	0.11	8.64
KAR8491	1.7	< 1	130	28.0	50	38	3.5	0.8	< 0.5	1.4	< 0.05	6.90
KAR00103	3.0	< 1	< 50	35.6	56	37	4.2	0.7	< 0.5	1.9	0.06	7.72
KAR00277	< 0.5	< 1	< 50	3.6	6	< 5	1.4	0.4	< 0.5	0.7	< 0.05	7.25
KAR00278	1.2	< 1	< 50	13.2	18	16	2.9	0.4	< 0.5	1.3	< 0.05	8.14
KAR00281	< 0.5	< 1	< 50	31.3	59	30	5.2	1.1	< 0.5	1.8	0.16	7.42
KAR00295	< 0.5	< 1	< 50	11.4	24	< 5	3.0	0.5	< 0.5	1.0	< 0.05	8.25
298	< 0.5	< 1	170	11.4	20	26	1.9	< 0.2	< 0.5	0.8	< 0.05	8.36
KAR00320	< 0.5	< 1	< 50	387	500	251	14.8	1.8	< 0.5	< 0.2	< 0.05	7.87
KAR00351	3.4	< 1	< 50	33.2	47	38	4.0	1.2	< 0.5	1.8	< 0.05	7.57
KAR00352	1.6	< 1	< 50	23.3	41	32	2.6	0.7	< 0.5	1.2	< 0.05	7.88
KAR00353	4.0	< 1	< 50	26.2	44	61	3.4	< 0.2	< 0.5	1.7	< 0.05	7.97
KAR393	< 0.5	< 1	< 50	18.5	30	19	2.6	0.5	< 0.5	1.2	< 0.05	7.28
KAR00373	< 0.5	< 1	150	15.2	25	30	3.5	2.8	< 0.5	2.2	0.13	7.46

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	1650	550	1550	21	109	2.88	2.02	4.1	7.8	99.4	22.4	34	2.0
DMMAS 115 Cert	1720	527	1210	21.0	100	2.64	1.92	5.50	7.30	101	21.9	40.0	3.10