



Date Submitted: 20-Nov-13
Invoice No.: A13-13991
Invoice Date: 10-Jan-14
Your Reference: NA57-38B

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

ATTN: Shadi Morton

CERTIFICATE OF ANALYSIS

2 Pulp samples were submitted for analysis.

The following analytical package was requested: Code UT-7 Sodium Peroxide Fusion (ICP & ICPMS)

REPORT **A13-13991**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

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.

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: A13-13991 rev 1

Analyte Symbol	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K
Unit Symbol	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
Detection Limit	0.01	5	10	3	3	2	0.01	2	0.8	0.2	30	0.1	2	0.3	0.1	0.1	0.05	0.2	0.1	0.7	10	0.2	0.2	0.1
Analysis Method	FUS- Na2O2	FUS-MS- Na2O2	FUS-MS- Na2O2	FUS-MS- Na2O2	FUS-MS- Na2O2	FUS-MS- Na2O2	FUS- Na2O2	FUS-MS- Na2O2	FUS-MS- Na2O2	FUS-MS- Na2O2	FUS-MS- Na2O2	FUS-MS- Na2O2	FUS-MS- Na2O2	FUS-MS- Na2O2	FUS-MS- Na2O2	FUS-MS- Na2O2	FUS- Na2O2	FUS-MS- Na2O2	FUS-MS- Na2O2	FUS-MS- Na2O2	FUS-MS- Na2O2	FUS-MS- Na2O2	FUS-MS- Na2O2	FUS- Na2O2
KAR156	1.83	6	30	65	< 3	< 2	11.0	< 2	51.8	16.5	130	0.6	395	13.7	5.9	2.6	7.70	6.1	15.9	1.6	< 10	2.4	0.3	0.4
KAR00168	2.73	< 5	50	114	< 3	< 2	3.71	< 2	69.2	35.1	230	1.5	418	3.9	1.9	1.4	4.12	6.8	6.2	2.0	< 10	0.8	0.3	1.2

Activation Laboratories Ltd.

Report: A13-13991 rev 1

Analyte Symbol	La	Li	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Se	Si	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Detection Limit	0.4	3	0.01	3	1	2.4	0.4	10	0.005	0.8	0.1	0.4	0.01	2	0.8	0.01	0.1	0.5	3	0.2	0.1	6	0.1	0.01
Analysis Method	FUS-MS- Na2O2	FUS-MS- Na2O2	FUS- Na2O2	FUS-MS- Na2O2	FUS-MS- Na2O2	FUS-MS- Na2O2	FUS-MS- Na2O2	FUS-MS- Na2O2	FUS- Na2O2	FUS-MS- Na2O2	FUS-MS- Na2O2	FUS-MS- Na2O2	FUS- Na2O2	FUS-MS- Na2O2	FUS-MS- Na2O2	FUS- Na2O2	FUS-MS- Na2O2	FUS-MS- Na2O2	FUS-MS- Na2O2	FUS-MS- Na2O2	FUS-MS- Na2O2	FUS-MS- Na2O2	FUS- Na2O2	
KAR156	22.4	21	3.36	12200	< 1	< 2.4	31.8	30	0.179	34.1	7.0	19.4	0.21	< 2	18.0	20.1	10.8	0.8	115	< 0.2	2.9	< 6	2.3	0.08
KAR00168	36.8	9	1.07	4950	< 1	< 2.4	32.7	20	0.050	8.8	8.2	49.1	1.41	< 2	15.2	33.7	6.8	< 0.5	45	< 0.2	0.9	< 6	2.8	0.10

Analyte Symbol	Tl	Tm	U	V	W	Y	Yb	Zn
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	0.1	5	0.7	0.1	0.1	30
Analysis Method	FUS-MS- Na2O2	FUS-MS- Na2O2	FUS-MS- Na2O2	FUS-MS- Na2O2	FUS-MS- Na2O2	FUS-MS- Na2O2	FUS-MS- Na2O2	FUS-MS- Na2O2
KAR156	0.1	0.7	0.2	22	< 0.7	71.5	4.2	250
KAR00168	0.3	0.3	3.0	12	< 0.7	22.9	1.5	620

Quality Control																									
Analyte Symbol	In	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	K	
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	
Detection Limit	0.2	0.01	5	10	3	3	2	0.01	2	0.8	0.2	30	0.1	2	0.3	0.1	0.1	0.05	0.2	0.1	0.7	10	0.2	0.1	
Analysis Method	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	
GXR-1 Meas	1.0	3.43	458	< 10	672	< 3		0.96	< 2		8.1	< 30	3.5	1150	4.6		0.6	26.0	13.3	4.1		< 10			
GXR-1 Cert	0.770	3.52	427	15.0	750	1.22		0.960	3.30		8.20	12.0	3.00	1110	4.30		0.690	23.6	13.8	4.20		0.960			
GXR-1 Meas	0.9																								
GXR-1 Cert	0.770																								
GXR-1 Meas	0.9																								
GXR-1 Cert	0.770																								
GXR-4 Meas	0.2	7.38	88	< 10	1640	< 3	17	0.98	< 2		14.3	60	2.6	6550	2.8		1.5	2.93	19.3	5.1		< 10		4.0	
GXR-4 Cert	0.270	7.20	98.0	4.50	1640	1.90	19.0	1.01	0.860		14.6	64.0	2.80	6520	2.60		1.63	3.09	20.0	5.25		6.30		4.01	
GXR-4 Meas	0.2																								
GXR-4 Cert	0.270																								
GXR-4 Meas	0.2																								
GXR-4 Cert	0.270																								
GXR-4 Meas	0.2																								
GXR-4 Cert	0.270																								
MP-1b Meas	592		23500				1020	2.55	557					29500				7.64							
MP-1b Cert	565		23000.00				954.0000	2.47	527.0000					30690.000				8.19							
MP-1b Meas	588																								
MP-1b Cert	565																								
MP-1b Meas	595																								
MP-1b Cert	565																								
MP-1b Meas	603																								
MP-1b Cert	565																								
MP-1b Meas	573																								
MP-1b Cert	565																								
OREAS 101a (Fusion) Meas										1300	46.1			413	31.4	19.7	8.1	10.8		40.4			6.7	2.3	
OREAS 101a (Fusion) Cert										1396	48.8			434	33.3	19.5	8.06	11.06		43.4			6.46	2.34	
KAR00168 Orig	0.3	2.74	< 5	50	114	< 3	< 2	3.71	< 2	69.1	35.7	240	1.5	407	4.0	1.9	1.3	4.13	6.9	6.3	1.6	< 10	0.8	1.2	
KAR00168 Dup	0.3	2.71	< 5	50	114	< 3	< 2	3.71	< 2	69.3	34.5	210	1.5	430	3.9	1.9	1.4	4.12	6.7	6.1	2.5	< 10	0.8	1.2	
Method Blank	< 0.2																								
Method Blank	< 0.2																								
Method Blank	< 0.2																								

Quality Control

Analyte Symbol	La	Li	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Se	Si	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Detection Limit	0.4	3	0.01	3	1	2.4	0.4	10	0.005	0.8	0.1	0.4	0.01	2	0.8	0.01	0.1	0.5	3	0.2	0.1	6	0.1	0.01
Analysis Method	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2
GXR-1 Meas	7.3	9	0.22	917		< 2.4		40	0.063	793			0.28	113	18.1		2.7		295	< 0.2	0.8	13	2.6	
GXR-1 Cert	7.50	8.20	0.217	852		0.800		41.0	0.0650	730			0.257	122	16.6		2.70		275	0.175	0.830	13.0	2.44	
GXR-1 Meas																								
GXR-1 Cert																								
GXR-1 Meas																								
GXR-1 Cert																								
GXR-4 Meas	64.9	12	1.69		321	9.2	43.5		0.129			145	1.75	< 2	5.7		6.5	5.1	227	0.3	0.6	< 6		0.28
GXR-4 Cert	64.5	11.1	1.66		310	10.0	45.0		0.120			160	1.77	4.80	5.60		6.60	5.60	221	0.790	0.360	0.970		0.29
GXR-4 Meas																								
GXR-4 Cert																								
GXR-4 Meas																								
GXR-4 Cert																								
MP-1b Meas					285					20900			12.8			16.2								
MP-1b Cert					285					20910.000			13.79			16.79								
MP-1b Meas																								
MP-1b Cert																								
MP-1b Meas																								
MP-1b Cert																								
MP-1b Meas																								
MP-1b Cert																								
OREAS 101a (Fusion) Meas	764		1.21				379		0.115		128						48.6				5.7		36.9	0.40
OREAS 101a (Fusion) Cert	816		1.23				403		0		134						48.8				5.92		36.6	0.395
KAR00168 Orig	36.7	9	1.07	4910	< 1	< 2.4	32.7	20	0.050	4.3	8.2	49.0	1.41	< 2	16.2	33.2	6.7	< 0.5	44	< 0.2	0.9	< 6	2.8	0.10
KAR00168 Dup	37.0	9	1.07	4980	< 1	2.5	32.6	20	0.050	13.2	8.2	49.1	1.41	< 2	14.3	34.2	6.9	< 0.5	46	< 0.2	0.8	< 6	2.8	0.10
Method Blank																								
Method Blank																								
Method Blank																								

Quality Control

Analyte Symbol	Tl	Tm	U	V	W	Y	Yb	Zn
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	0.1	5	0.7	0.1	0.1	30
Analysis Method	FUS-MS- Na2O2	FUS-MS- Na2O2	FUS-MS- Na2O2	FUS-MS- Na2O2	FUS-MS- Na2O2	FUS-MS- Na2O2	FUS-MS- Na2O2	FUS-MS- Na2O2
GXR-1 Meas	0.4	0.4	34.6	76		30.7	2.3	830
GXR-1 Cert	0.390	0.430	34.9	80.0		32.0	1.90	760
GXR-1 Meas								
GXR-1 Cert								
GXR-1 Meas								
GXR-1 Cert								
GXR-4 Meas	3.3	0.2	5.8	78	32.9	14.1	1.2	70
GXR-4 Cert	3.20	0.210	6.20	87.0	30.8	14.0	1.60	73.0
GXR-4 Meas								
GXR-4 Cert								
GXR-4 Meas								
GXR-4 Cert								
GXR-4 Meas								
GXR-4 Cert								
MP-1b Meas					1020		164000	
MP-1b Cert					1100.000		166700.00	
MP-1b Meas								
MP-1b Cert								
MP-1b Meas								
MP-1b Cert								
MP-1b Meas								
MP-1b Cert								
MP-1b Meas								
MP-1b Cert								
OREAS 101a (Fusion) Meas		2.9	435	52		177	18.0	
OREAS 101a (Fusion) Cert		2.90	422	83		183	17.5	
KAR00168 Orig	0.2	0.3	3.0	15	< 0.7	22.9	1.4	610
KAR00168 Dup	0.3	0.2	3.0	9	1.1	22.8	1.5	620
Method Blank								
Method Blank								
Method Blank								