

MAR 20130022: SZUCSKO LAKE

Szucsko Lake, A report on Kimberlite exploration near Warrensville, West Central, Alberta.

Received date: October 02, 2013

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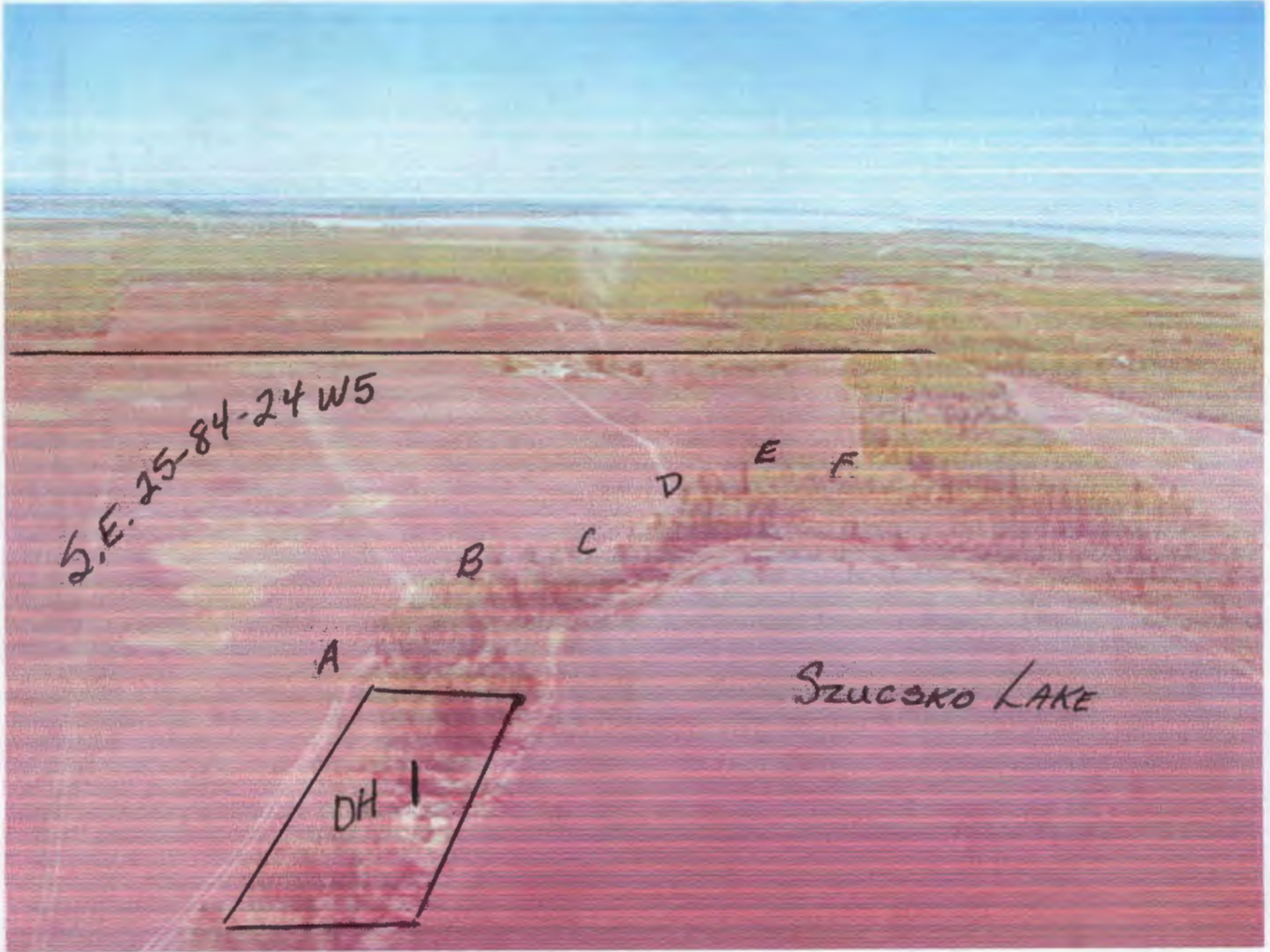
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Glen Szucsko

From: [REDACTED]@telusplanet.net
To: [REDACTED]@telusplanet.net
Sent: December-29-11 7:59 PM
Subject: Fw: Clean Lake pic

ALL EXPLORATION WAS
DONE ON THIS QUARTER
S.E. 25-84-24-W5



SAMPLE HOLES-A B C D E F

TEST HOLES DUG

CORRESPONDS TO
ATTACHED PAGE
RESULTS FROM
SRC LABS

DRILL HOLE SITE 1

AREA WAS CLEARED OF BRUSH

SRC Geoanalytical Laboratories

125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8

Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geolab@src.sk.ca

Report No: G-11-96

Glen Szucsko

Attention:

PO #/Project:

Samples: 8

Date of Report: January 26, 2011

ICP4 Total Digestion

Sample Number	Ho ppm	K2O wt %	La ppm	Li ppm	MgO wt %	MnO wt %	Mo ppm	Na2O wt %	Nb ppm	Nd ppm	Ni ppm	P2O5 wt %	Pb ppm	Pr ppm	Sc ppm	Sm ppm	Sn ppm
CAR110/LS4	1	3.16	406	83	3.31	0.08	60	1.28	16	352	401	0.92	425	90	11	43	2
A	<1	1.69	29	34	0.75	0.04	4	1.08	13	25	37	0.13	16	6	8	4	<1
B	<1	1.70	18	20	0.47	0.01	2	1.02	8	16	23	0.09	13	4	5	2	<1
C	<1	2.06	37	39	0.99	0.34	6	1.02	14	32	60	0.21	28	8	10	5	3
D	<1	2.49	47	44	0.97	0.10	3	1.02	17	37	35	0.24	26	10	12	6	<1
E	<1	2.28	51	39	0.87	0.74	7	0.97	15	48	60	0.23	27	12	12	8	1
F	<1	1.93	24	25	0.89	0.08	3	0.92	10	20	39	0.19	17	5	8	3	<1
D R	<1	2.43	40	45	0.99	0.10	4	0.97	16	33	37	0.26	27	9	13	5	<1

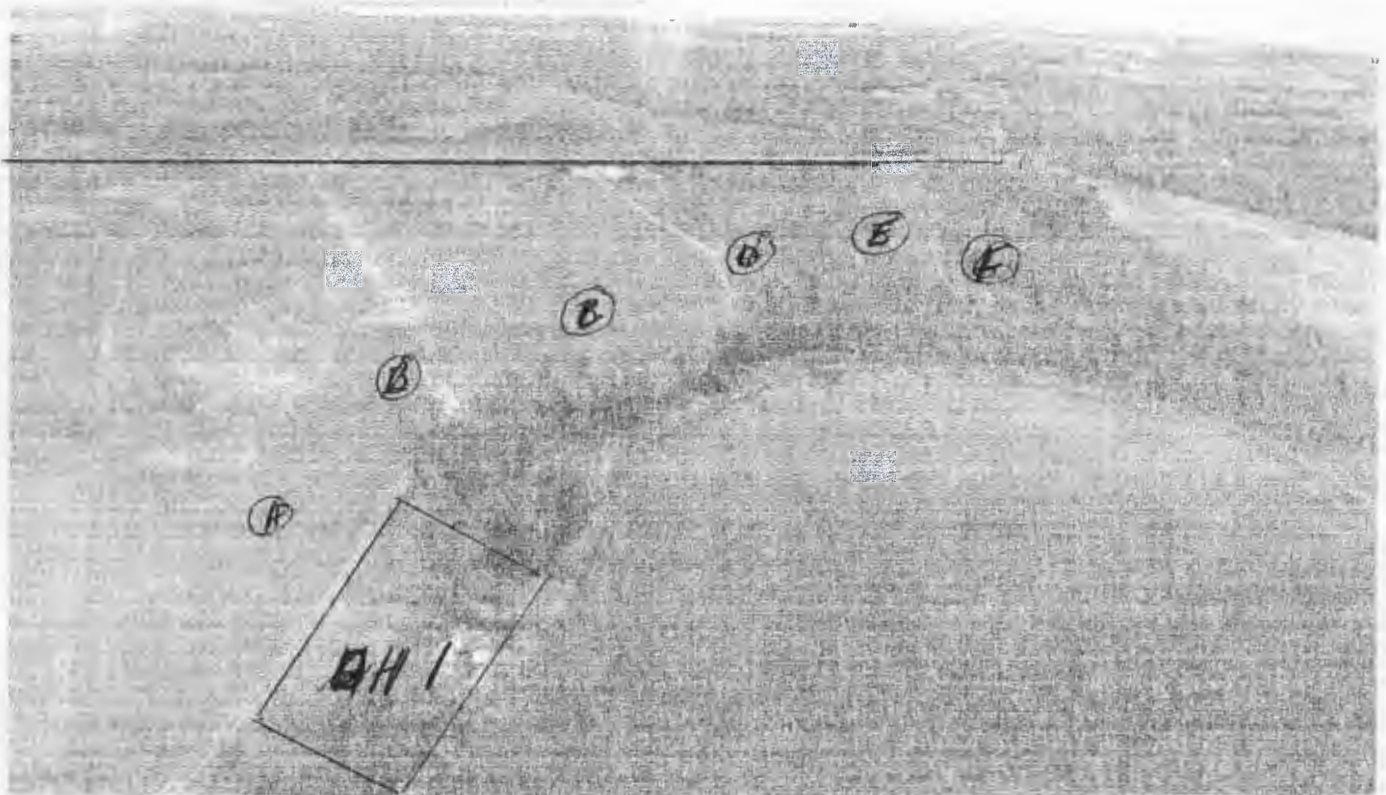
See Map on Previous PAGE

Glen Szucsko

S.E. 25-84-24 W5

From: [REDACTED]@telusplanet.net>
To: [REDACTED]@telusplanet.net>
Sent: December-29-11 7:59 PM
Subject: Fw: Clean Lake pic

ALL EXPLORATION DONE
WAS ON THIS QUARTER.



APPROXIMATELY 2 ACRES WAS CLEARED ON
EAST SIDE OF LAKE WHERE PREVIOUS
KIMBERLITE INDICATORS WERE FOUND.
THIS SITE MARKED WITH AN **DHI** IS A
TARGET TO BE DRILLED. THEN A TO F
WERE TEST TARGETS FURTHER INTO THE
FIELD. SAMPLES WERE THEN TAKEN
AND SENT TO SRC DIAMOND LABS.

10/02/2014

A D8K CAT WAS USED TO OPEN
THE test area where numerous
Kimberlite indicators were found,
previously.

Then an area up top around the
lake was opened up and tested.

ALL SAMPLES A THROUGH E WERE SENT
TO S.R.C. Saskatchewan lab where
negative results were given.

IN THE Brown gravels in the field
above A to E no indicators were found.

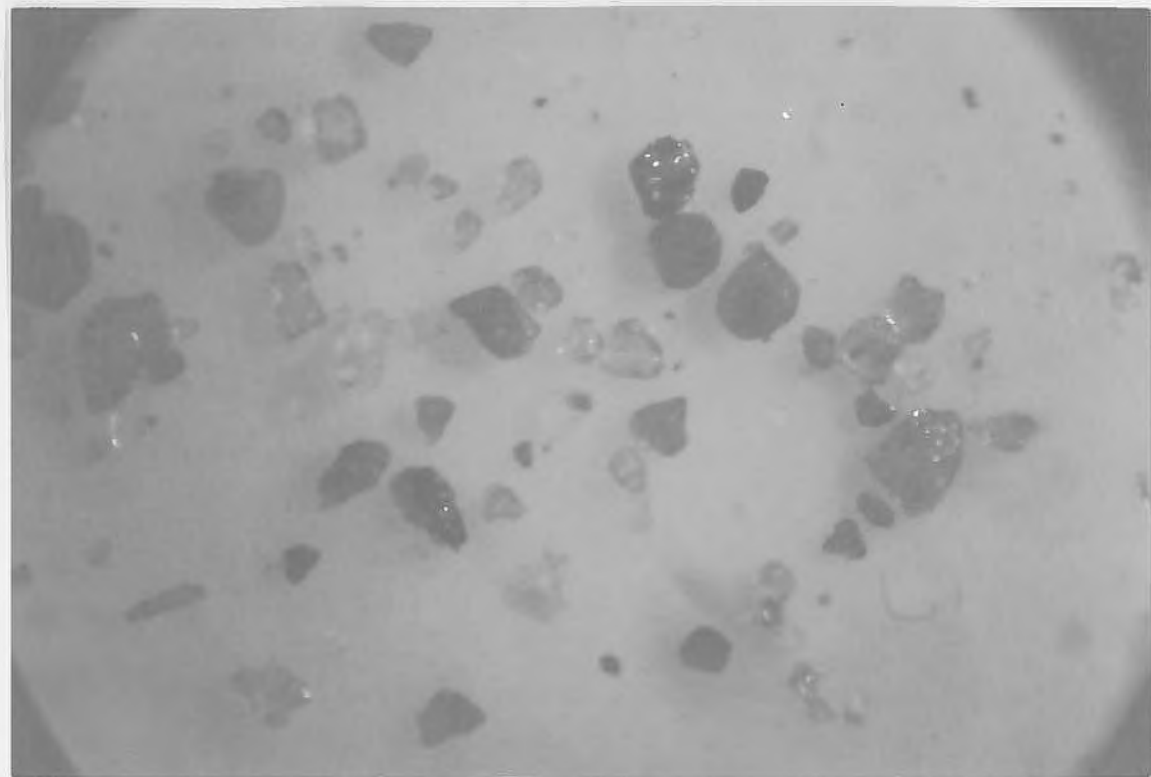
The greyish white gravel at edge
of shallow lake is where the diamond
indicators are. As seen in pictures
the difference between the greyish
white gravel at edge of lake and
the brown field gravel.

I am not a geologist but I have
learned how to pan for indicators
and have studied Kimberlite
emplacement for the last 10 years.

GLEN SZUCSKO



Brown gravel up top on field



Self testing under microscope
for indicators

SRC Geoanalytical Laboratories

125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8
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Report No: G-11-96

Glen Szucsko

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PO #/Project:

Samples: 8

Date of Report: January 26, 2011

ICP4 Total Digestion

Column Header Details

Silver in ppm (Ag)
Aluminum in wt % (Al₂O₃)
Barium in ppm (Ba)
Beryllium in ppm (Be)
Calcium in wt % (CaO)

Cadmium in ppm (Cd)
Cerium in ppm (Ce)
Cobalt in ppm (Co)
Chromium in ppm (Cr)
Copper in ppm (Cu)

Dysprnosium in ppm (Dy)
Erbium in ppm (Er)
Europium in ppm (Eu)
Iron in wt % (Fe₂O₃)
Gallium in ppm (Ga)

Gadolinium in ppm (Gd)
Hafnium in ppm (Hf)
Holmium in ppm (Ho)
Potassium in wt % (K₂O)
Lanthanum in ppm (La)

Lithium in ppm (Li)
Magnesium in wt % (MgO)
Manganese in wt % (MnO)
Molybdenum in ppm (Mo)
Sodium in wt % (Na₂O)

Niobium in ppm (Nb)
Neodymium in ppm (Nd)
Nickel in ppm (Ni)
Phosphorus in wt % (P₂O₅)
Lead in ppm (Pb)

Praseodymium in ppm (Pr)
Scandium in ppm (Sc)
Samarium in ppm (Sm)
Tin in ppm (Sn)
Strontium in ppm (Sr)

Tantalum in ppm (Ta)
Terbium in ppm (Tb)
Thorium in ppm (Th)
Titanium in wt % (TiO₂)
Uranium in ppm (U, ICP)

Glen Szuesko

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Report No: G-11-96

Date of Report: January 26, 2011

ICP4 Total Digestion

Column Header Details

Vanadium in ppm (V)
Tungsten in ppm (W)
Yttrium in ppm (Y)
Ytterbium in ppm (Yb)
Zinc in ppm (Zn)

Zirconium in ppm (Zr)

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ICP4 Total Digestion

Sample Number	Ag ppm	Al2O3 wt %	Ba ppm	Be ppm	CaO wt %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Fe2O3 wt %	Ga ppm	Gd ppm	Hf ppm
CAR110/LS4	3.4	13.3	1690	3.4	3.24	1	786	70	192	213	12.4	8.8	9.2	4.44	21	25	5
A	<0.2	9.26	598	1.1	0.85	<1	55	9	50	21	2.4	1.4	0.9	2.71	14	5	1
B	<0.2	7.34	979	0.8	0.76	<1	35	6	33	9	1.8	1.2	0.7	2.28	10	4	2
C	<0.2	11.6	873	1.4	1.07	1	73	23	71	30	3.4	2.0	1.0	4.83	15	7	2
D	<0.2	13.8	717	1.8	0.59	<1	85	12	74	27	2.9	1.9	1.3	5.74	22	8	2
E	<0.2	12.1	1120	1.6	0.58	1	92	47	65	40	5.7	2.6	1.8	5.47	17	11	2
F	<0.2	8.94	1090	1.1	1.50	<1	44	12	58	20	2.3	1.5	0.9	3.91	13	6	2
D R	<0.2	13.9	720	1.8	0.66	<1	74	12	76	29	2.7	1.9	1.3	5.87	22	8	1

Glen Szuesko

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Samples: 8

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Date of Report: January 26, 2011

ICP4 Total Digestion

Sample Number	Ho ppm	K2O wt %	La ppm	Li ppm	MgO wt %	MnO wt %	Mo ppm	Na2O wt %	Nb ppm	Nd ppm	Ni ppm	P2O5 wt %	Pb ppm	Pr ppm	Sc ppm	Sm ppm	Sn ppm
CAR110/LS4	1	3.16	406	83	3.31	0.08	60	1.28	16	352	401	0.92	425	90	11	43	2
A	<1	1.69	29	34	0.75	0.04	4	1.08	13	25	37	0.13	16	6	8	4	<1
B	<1	1.70	18	20	0.47	0.01	2	1.02	8	16	23	0.09	13	4	5	2	<1
C	<1	2.06	37	39	0.99	0.34	6	1.02	14	32	60	0.21	28	8	10	5	3
D	<1	2.49	47	44	0.97	0.10	3	1.02	17	37	35	0.24	26	10	12	6	<1
E	<1	2.28	51	39	0.87	0.74	7	0.97	15	48	60	0.23	27	12	12	8	1
F	<1	1.93	24	25	0.89	0.08	3	0.92	10	20	39	0.19	17	5	8	3	<1
D R	<1	2.43	40	45	0.99	0.10	4	0.97	16	33	37	0.26	27	9	13	5	<1

Glen Szucsko

Attention:

PO #/Project:

Samples: 8

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Report No: G-11-96

Date of Report: January 26, 2011

ICP4 Total Digestion

Sample Number	Sr ppm	Ta ppm	Tb ppm	Th ppm	TiO2 wt %	U, ICP ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm	Zr ppm
CAR110/LS4	711	1	2	121	0.49	3320	232	3	58	4.7	108	259
A	136	<1	<1	8	0.62	34	73	<1	16	1.7	69	56
B	146	1	<1	6	0.36	6	68	<1	13	1.4	53	82
C	151	1	<1	11	0.56	7	111	<1	21	2.1	106	90
D	143	2	<1	14	0.65	5	112	<1	21	2.3	103	76
E	139	2	<1	15	0.62	6	104	<1	29	3.0	96	72
F	139	3	<1	8	0.49	5	102	<1	17	1.9	94	89
D R	142	2	<1	13	0.63	6	118	<1	21	2.2	103	74

Total Digestion. A 0.125 g pulp is gently heated in a mixture of HF/HNO3/HClO4 until dry and the residue is dissolved in dilute HNO3. The standard is CAR110.

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Report No: G-11-91

Glen Szucsko
Attention:
PO # Project:
Samples: 7

Date of Report: February 02, 2011

Kimberlite Indicator Minerals

Column Header Details

Original Sample Weight in kilograms (SWT)
Permroll Mag -1.00mm Weight in grams (MAG)
Permroll Non Mag -1.00mm Weight in grams (NMAG)
Mid Fraction -1.00+0.25MM Wet Weight in grams (MWT)
LST Sinks -0.50/+0.25 Observed Weight in % (LST-)

MI Floats SG<3.3 -0.50+0.25MM Weight in grams (MIF-)
MI Sinks SG>3.3 -0.50+0.25MM Weight in grams (MIS-)
Ferro Mags -0.50+0.25mm Weight in grams (FM-)
Frantz Upper -0.50+0.25mm Weight in grams (UP-)
Frantz Lower-1.00+0.25mm Weight in grams (LW)

Pyrope Peridotitic Grains -0.5/+0.25mm in Counts (Pyr-p -)
Pyrope Eclogitic Grains -0.5/+0.25mm in Counts (Pyr-e -)
Chrome-Diopside Grains -0.5/+0.25mm in Counts (Chr D -)
Olivine Grains -0.5/+0.25mm in Counts (Olv -)
Lower Fraction Total Observed Weight in grams (LWT Obs)

Lower Fraction Total Observed Weight in % (LWT
Picroilmenite Grains -0.5/+0.25mm in Counts (Picroilm-)
Chromite Grains -0.5/+0.25mm in Counts (Chr -)
Upper Fraction Total Observed Weight in grams (UPT Obs)
Upper Fraction Total Observed Weight in % (UPT)

Observer's Initials (Observer)
LW/UP Fraction -0.250MM Not Observed Weight in grams (-0.250)

Sample Number	SWT kg	MAG g	NMAG g	MWT g	LST- %	MIF- g	MIS- g	FM- g	UP- g	LW g	Pyr-p - Counts	Pyr-e - Counts	Chr D - Counts	Olv - Counts
A	38.05	520.2	2920.4	3443.9	25.39	17.67	7.68	0.05	5.39	0.59	0	0	0	0
B	24.85	214.4	2162.7	2380.5	17.00	12.04	5.19	0.44	3.55	0.10	0	0	0	0
C	31.85	359.6	939.9	1302.5	18.24	14.77	3.56	0.27	2.36	0.09	0	0	0	0
D	31.20	1020.2	2882.1	3905.5	50.60	39.94	10.89	0.45	5.95	0.39	0	0	0	0
E	23.75	797.7	1612.1	2413.0	26.97	23.88	3.11	0.25	1.46	0.08	0	0	0	0
F	23.80	260.5	1505.0	1767.2	30.26	18.78	141.76	0.80	8.45	0.28	0	0	0	0
F R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	0	0	0	0

Glen Szuesko

Attention:

PO # Project:

Samples: 7

SRC Geoanalytical Laboratories

125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8

Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geolab@src.sk.ca

Report No: G-11-91

Date of Report: February 02, 2011

Kimberlite Indicator Minerals

Sample Number	LWT Obs g	LWT %	Picroilm-Counts	Chr - Counts	UPT Obs g	UPT %	Observer	-0.250 g
A	0.62	100	0	0	5.42	100	NV	1.60
B	1.14	100	0	0	3.59	100	AA	0.99
C	0.14	100	0	1	2.39	100	CF	0.78
D	0.42	100	0	0	5.98	100	AA	4.00
E	0.13	100	0	0	1.49	100	RO	1.27
F	0.32	100	0	0	8.48	100	CL	2.15
F R	0.32	100	0	0	8.48	100	CL	N/R

Kimberlite Indicator Mineral Grain Morphology Sheet

Group Number: G-11-91

SAMPLE	QUANTITY	LOCATION	SIZE FRACTION	GRAIN TYPE *	COLOR	SHAPE	CLARITY	LUSTRE	SURFACE FEATURE	COMMENT	DATE	OBSERV
C	1	1	-0.50/+0.25mm	chr	black	octahedra	opaque	matte	pitted		01/28/11	CF
* Unless otherwise indicated all grains are considered definite												
		1										

SRC Geoanalytical Laboratories

Report No: G-11-96

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Glen Szucsko

Attention:

PO #/Project:

Samples: 8

Date of Report: February 23, 2011

Fire Assay

Column Header Details

Au Fire Assay by ICP in ppb (Au)
Pt Fire Assay by ICP in ppb (Pt)
Pd Fire Assay by ICP in ppb (Pd)

Sample Number	Au ppb	Pt ppb	Pd ppb
CAR110/LS4	N/R	N/R	N/R
A	<2	<2	2
B	<2	<2	<2
C	6	<2	2
D	<2	<2	2
E	<2	5	3
F	<2	<2	<2
D R	2	<2	<2

Fire Assay: A pulp is subjected to standard fire assaying procedures

Glen Szucsko

Attention:

PO #/Project:

Samples: 1

SRC Geoanalytical Laboratories

125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8

Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geolab@src.sk.ca

Report No: G-11-954

Date of Report: July 14, 2011

Kimberlite Indicator Minerals

Column Header Details

Original Sample Weight in kilograms (SWT)
Permroll Mag -1.00mm Weight in grams (MAG)
Permroll Non Mag -1.00mm Weight in grams (NMAG)
Mid Fraction -1.00+0.25MM Wet Weight in grams (MWT)
LST Sinks -0.50/+0.25 Observed Weight in % (LST-)

MI Floats SG<3.3 -0.50+0.25MM Weight in grams (MIF-)
MI Sinks SG>3.3 -0.50+0.25MM Weight in grams (MIS-)
Ferro Mags -0.50+0.25mm Weight in grams (FM-)
Frantz Upper -0.50+0.25mm Weight in grams (UP-)
Frantz Lower-1.00+0.25mm Weight in grams (LW)

Pyrope Peridotitic Grains -0.5/+0.25mm in Counts (Pyr-p -)
Pyrope Eclogitic Grains -0.5/+0.25mm in Counts (Pyr-e -)
Chromite-Diopside Grains -0.5/+0.25mm in Counts (Chr D -)
Olivine Grains -0.5/+0.25mm in Counts (Olv -)
Lower Fraction Total Observed Weight in grams (LWT Obs)

Lower Fraction Total Observed Weight in % (LWT)
Picroilmenite Grains -0.5/+0.25mm in Counts (Picroilm-)
Chromite Grains -0.5/+0.25mm in Counts (Chr -)
Upper Fraction Total Observed Weight in grams (UPT Obs)
Upper Fraction Total Observed Weight in % (UPT)

Observer's Initials (Observer)
LW/UP Fraction: 0.250MM Not Observed Weight in grams (-0.250)

Sample Number	SWT kg	MAG g	NMAG g	MWT g	LST-%	MIF-g	MIS-g	FM-g	UP-g	LW g	Pyr-p - Counts	Pyr-e - Counts	Chr D - Counts	Olv - Counts
SAMPLE #1	35.40	433.9	1830.6	2264.8	33.70	27.50	33.70	0.55	2.25	0.39	1	0	0	0

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Report No: G-11-954

Glen Szucsko

Attention:

PO # Project:

Samples: 1

Date of Report: July 14, 2011

Kimberlite Indicator Minerals

Sample Number	LWT Obs g	LWT %	Picroilm- Counts	Chr - Counts	UPT Obs g	UPT %	Observer	-0.250 g
SAMPLE #1	0.93	100	0	2	2.92	100	CM	1.08

Kimberlite Indicator Mineral Grain Morphology Sheet

Group Number: G-11-954

SAMPLE	QUANTITY	LOCATION	SIZE FRACTION	GRAIN TYPE *	COLOR	SHAPE	CLARITY	LUSTRE	SURFACE FEATURE	COMMENT	DATE	OBSERV
SAMPLE #1	1	1	-1.00/+0.50mm	e-pyr	red	prismatic	transparent	glassy	pitted none		07/11/11	CM
SAMPLE #1	1	1	-0.50/+0.25mm	chr	black	octahedra	opaque	shiny	none		07/11/11	CM
SAMPLE #1	1	2	-0.50/+0.25mm	chr	black	octahedra	opaque	shiny	none		07/11/11	CM
Unless otherwise indicated all grains are considered definite												
		3										

Glen Szucsko
Samples: 3

SRC Advanced Microanalysis Centre
125 - 15 Innovation Blvd, Saskatoon, SK. S7N 2X8
Tel: 306.933.7893 Fax: 306.933.5656 Email: microlab@src.sk.ca

Report No.: 12850-09C11
Date of Report: Sep. 19, 2011

Electron Probe Microanalysis

Samples	SiO ₂	TiO ₂	Al ₂ O ₃	Cr ₂ O ₃	FeO	MnO	NiO	MgO	CaO	V ₂ O ₅	Na ₂ O	K ₂ O	TOTAL
954 gar	42.58	0.46	19.40	4.08	6.62	0.26	b.d.	21.04	4.82	0.03	0.05	b.d.	99.36
954 chr	b.d.	0.52	26.60	29.74	31.09	0.31	0.15	9.71	b.d.	0.16	b.d.	b.d.	98.28
954 chr	0.08	0.15	11.54	53.54	21.90	0.27	0.10	10.91	b.d.	0.07	b.d.	b.d.	98.55

b.d. = below detection limit (100 ppm oxide)