

093626

Geological Assessment Report

For The

Oly Lakes Mineral Property
[Nug 1-6 Claims]
NTS 105-O-2

For
Eagle Plains Resources [ASE:EPL]
And
Miner River Resources [ASE:MRG]
Joint-Venture

By
Bernie Kreft
March 22, 1997

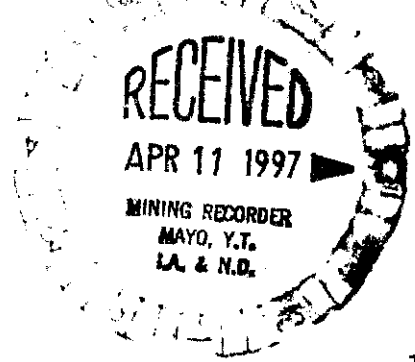


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This report has been examined by
the Geological Evaluation Unit
under Section 53 (4) Yukon Quartz
Mining Act and is allowed as
representation work in the amount
of \$ 600.00.

for *M. Baker*
Regional Manager, Exploration and
Development Services for Commissioner
Yukon Territory.

SUMMARY AND CONCLUSIONS

Exploration work completed on the Nug 1-6 quartz claims consisted of prospecting and rock sampling. The work was designed to test the Fort Knox type gold potential of the property. Previous workers had outlined several large, coincident Cu-Ag-As soil geochemical anomalies which are underlain by a quartz monzonite stock and its associated hornfels zone. Our work tested the gold potential of bedrock within two of the geochemical anomalies.

Mineralization consists of quartz-arsenopyrite veins which occur within the intrusion and adjacent sediments. Veins within the sediments assayed as high as 3.93 g/mt Au from a grab sample, and up to 0.99 g/mt Au from a 1.5 metre chip sample across a 0.15m wide vein and its host rock. Veins within the intrusion assayed as high as 5.38 g/mt Au from a grab sample. Samples with high gold values invariably returned high values in copper, silver, arsenic, lead, antimony and bismuth.

ICP results from the rock samples taken during the program suggest that veins are likely the source for most, if not all, of the previously outlined soil geochemical anomalies. Anomalous gold values were returned from all of the veins sampled. Several soil geochemical anomalies remain un-explained, including one which contains the three highest silver in soil values for the entire property.

INTRODUCTION

The Nug 1-6 claims lie in the Hess Mountains, on the north side of Oly Lakes, in the MacMillan Pass area of southeastern Yukon Territory. Access to the property is by helicopter or float plane, both based at Ross River. The claims were staked by the writer on behalf of Eagle Plains Resources Limited [ASE:EPL] and Miner River Resources Limited [ASE:MRG] who, in a 50:50 joint-venture partnership, hold a 100% interest in the property less a 1% NSR. The Nug 1-6 claims [YB67237 to YB67242] occur in the Mayo Mining District on NTS map-sheet 105-O-2.

GEOLOGY

The claims overlie a series of Devonian aged shale, conglomerate, chert and argillite. Intrusive to this sedimentary package is a small Cretaceous aged quartz monzonite stock and several quartz feldspar-porphyry dykes. The intrusion has caused the development of an extensive hornfels zone and numerous gossans in the adjacent sediments. Alteration of the stock is limited to the development of sericite along vein margins and un-mineralized fractures. Several of the QFP dykes along the south-west margin of the stock are weakly to moderately clay and sericite altered. The location of the altered dykes corresponds with the location of the highest silver in soil values.

MINERALIZATION

Mineralization consists of quartz-arsenopyrite veins occurring within the intrusion and adjacent sediments. Maximum width of the veins is 0.3m. Individual veins tend to pinch and swell, as well as vary in their sulphide content along strike. Vein density may be as much as 10% in some areas within the sediments, while the density is substantially less in the stock. Trace amounts of disseminated chalcopyrite and pyrite were noted in several areas within the stock. Trace amounts of disseminated arsenopyrite and pyrite occur within the sediments especially near vein margins. Gold values occur predominantly within the veins, some may also be present within the sediments adjacent to the veins; more work is needed to prove the latter theory.

RECCOMENDATIONS

Further work is warranted on the claim group. This work should consist of continued sampling of the known showings to get an accurate vein density and grade determination for the showings, as well, some time should be spent prospecting the un-explained soil geochemical anomalies.

CERTIFICATION

I, Bernie Kreft, of 1409 Fir Street Whitehorse, Yukon Territory was present and witnessed the exploration work described herein. I have twelve years experience prospecting in the Yukon.

This report is based on fieldwork conducted or witnessed by myself.

Respectfully Submitted,

Bernie Kreft
Bernie Kreft

03/22/97

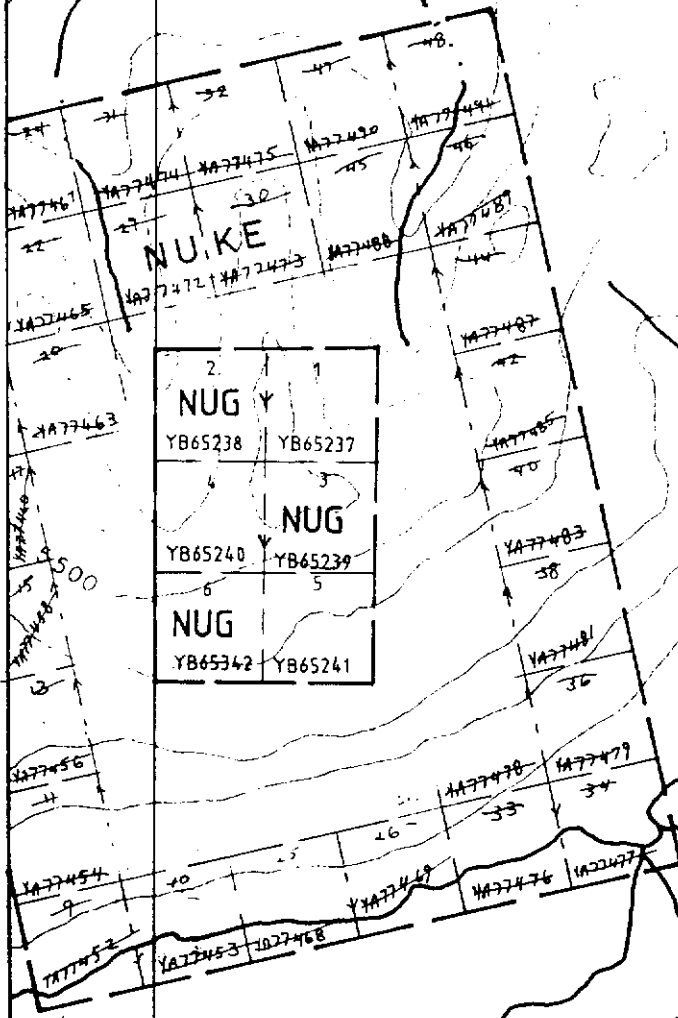
ROCK SAMPLE DESCRIPTIONS

- NUK BK 1 > 0.15m quartz arsenopyrite vein cutting granite
- NUK BK 2 > 0.6m chip sample across two 1.0cm wide quartz-sulphide veins
- NUK BK 3 > grab sample of a feldspar rich zone in granite trace pyrite and arsenopyrite
- NUK BK 4 > 1.5m chip across brecciated siltstone cut by several small quartz veins, trace scorodite
- NUK BK 5 > grab sample of limonitic granite cut by a 1.0cm wide quartz vein mineralized with trace pyrite
- NUK BK 6 > 4.0cm wide quartz arsenopyrite vein cutting granite
- JD NUK 1 > Grab sample of sediments mineralized with trace arsenopyrite
- JD NUK 2 > As above
- JD NUK 3 > 1.0m chip sample across limonitic sediments, no visible sulphides
- JD NUK 4 > Grab sample of quartz arsenopyrite vein cutting sediments
- JD NUK 5 > As above
- JD NUK 6 > As above
- JD NUK 7 > 1.5m chip sample across 0.15m wide vein and country rock

EXPENSE SUMMARY

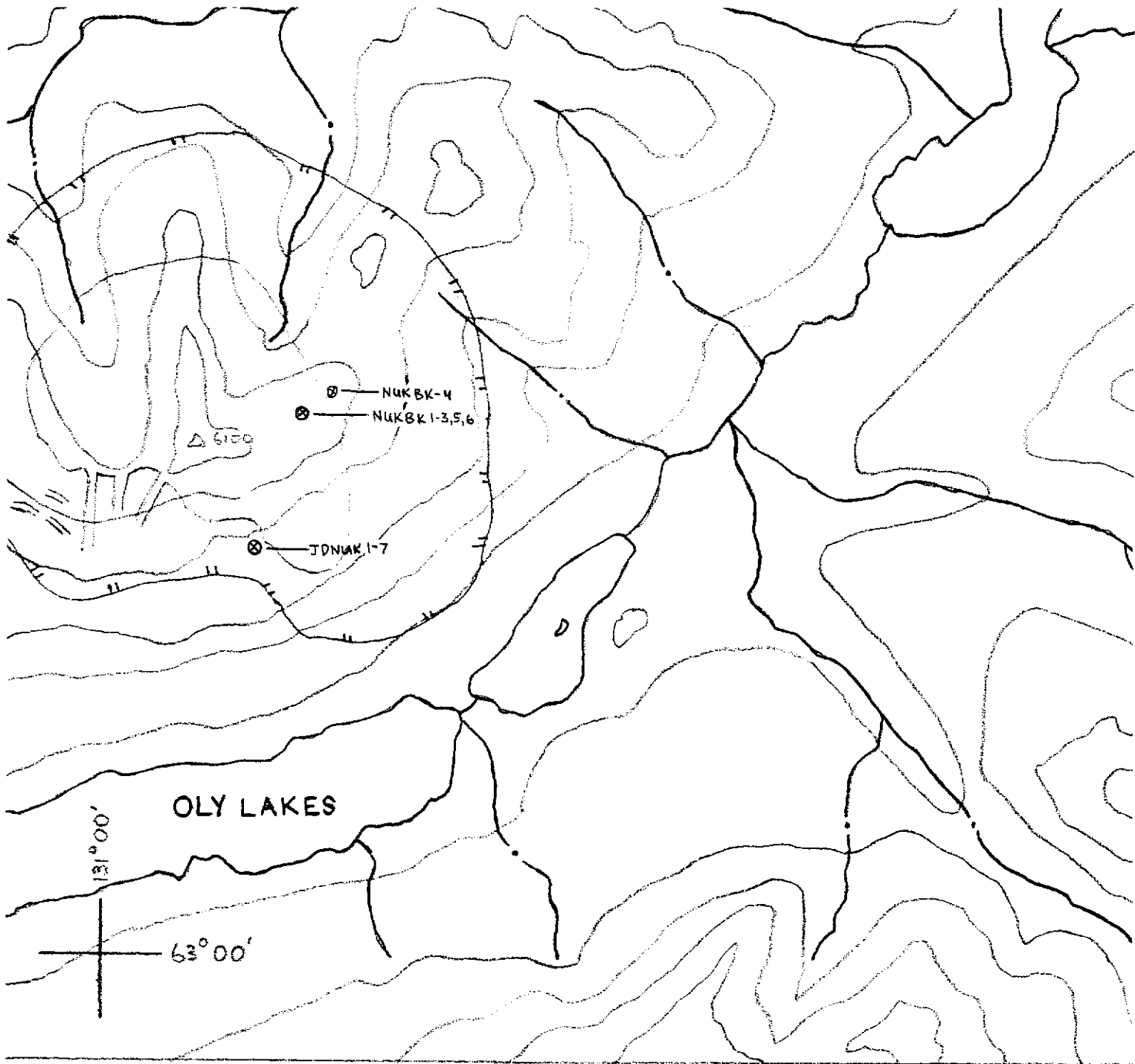
Wages [Bernie Kreft 1.0 day @ \$375.00/day]	=	\$375.00
Wages [John Dickie 1.0 day @ \$375.00/day]	=	\$375.00
Geochemistry [13 samples @ \$21.00/sample]	=	<u>\$273.00</u>
Total	=	\$1,023.00

4000

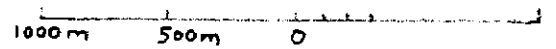


63° 00'


131° 00'




Scale 1:30,000

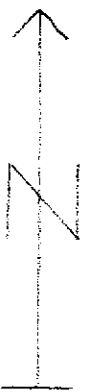


LEGEND

Intrusive Stock and Dykes 

Outer Limit of Hornfels Zone 

105-0-2



25/03/97

Assay Certificate

Page 1

Bernie Kreft

WO#07014

Sample #	Au ppb
JD OLD 1	375
JD OLD 2	220
JD OLD 3	161
JD OLD 4	466
JD OLD 5	671
JD OLD 6	50
JD OLD 7	18
JD OLD 8	9
JD OLD 9	6
JD OLD 10	72
JD OLD 11	59
JD OLD 12	14
JD OLD 13	9
JD OLD 14	17
JD OLD 15	17
JD OLD 16	23
JD OLD 17	17
JD CAB 1	26
JD CAB 2	5
JD CAB 3	15
JD CAB 4	<5
JD CAB 5	15
[REDACTED]	
[REDACTED]	
[REDACTED]	
JD NUK 1	89
JD NUK 2	71
JD NUK 3	20
JD NUK 4	545
JD NUK 5	3934

Certified by

25/03/97

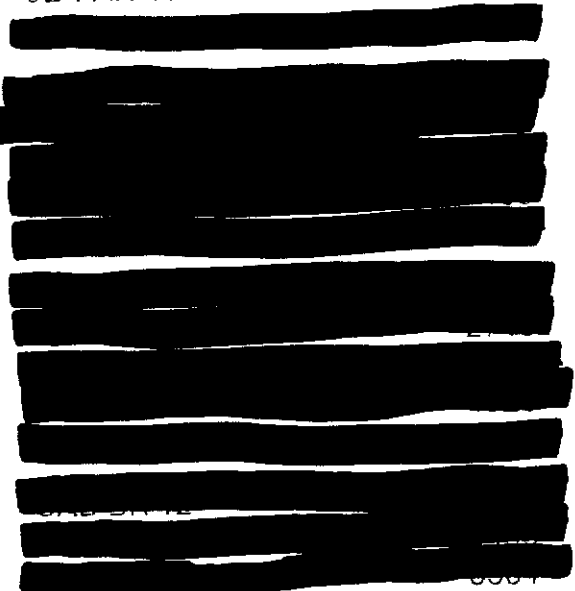
Assay Certificate

Page 2

Bernie Kreft

WO#07014

Sample #	Au ppb
JD NUK 6	1532
JD NUK 7	989
JD FAN 9	19
JD FAN 10	<5



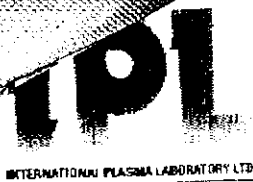
BK OLD 1	24
BK OLD 2	248
BK OLD 3	11
BK OLD 4	89
BK OLD 5	43
BK OLD 6	9
BK OLD 7	36
BK OLD 8	<5
BK OLD 9	183
BK OLD 10	133
BK OLD 11	105
BK OLD 12	67

Certified by

Bernie Kreft

WO#07014

Sample #	Au ppb
BK OLD 13	16
BK OLD 14	21
BK OLD 15	5
BK OLD 16	14
BK OLD 17	11
BK OLD 18	11
BK OLD 19	18
BK OLD 20	16
BK OLD 21	65
BK OLD 22	17
BK OLD 23	8
BK OLD 24	14
BK OLD 25	21
BK OLD 26	13
BK OLD 27	24
BK OLD 28	10
BK OLD 29	10
REC BK 1	11
REC BK 2	15
REC BK 3	32
REC BK 4	378
NUK BK 1	5382
NUK BK 2	41
NUK BK 3	96
NUK BK 4	526
NUK BK 5	35
NUK BK 6	1066
ICE JD A-1	9



CERTIFICATE OF ANALYSIS

iPL 96H0809

2038 Columbia Street
 Vancouver B.C.
 Canada V5Y 3E1
 Phone (604) 879-7877
 Fax (604) 879-7891

INTERNATIONAL PLASMA LABORATORY LTD

Client: Northern Analytical Laboratories
 Project: W.O. 07014 88 Pulp

iPL: 96H0809

Out: Sep 05, 1996
 In: Aug 29, 1996

Page 3 of 3
 [080908:54:09:69090596]

Section 1 of 1
 Certified BC Assayer: David Chiu

Sample Name	Ag	Cu	Pb	Zn	As	Sb	Hg	Mo	Tl	Bi	Cd	Co	Ni	Ba	W	Cr	V	Mn	La	Sr	Zr	Sc	Ti	Al	Ca	Fe	Mg	K	Na	P	
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%	%	
5	40.5	1376	19046	237	382	3.02	<	3	<	57	37.4	3	4	<	<	50	7	34	<	10	2	<	<	0.10	0.02	1520.01	<	<	0.01	<	
	<	132	180	51	1715	223	<	3	<	<	<	18	5	215	<	39	80	319	11	106	2	6	0.27	3.92	2.10	3.21	1.38	0.81	0.34	0.05	
	1.6	139	832	34	3647	548	<	2	<	<	1.5	5	4	11	<	87	4	85	62	12	12	1	0.02	0.37	0.11	0.97	0.12	0.11	0.03	0.03	
	66.0	411	16275	323	2.5	1386	3	5	<	2	52.1	1	2	68	<	33	17	23	7	9	3	4	0.01	0.33	0.02	3.27	0.03	0.40	0.01	0.03	
	0.2	74	211	95	556	65	<	3	<	<	1.9	18	15	103	<	63	61	229	19	111	4	6	0.16	4.03	2.04	2.97	1.17	0.63	0.30	0.04	
	31.0	94	4253	61	192	1661	<	4	<	412	<	38	3	<	23	36	7	37	2	37	2	<	<	0.18	0.02	1520.01	0.05	0.01	<	<	
	1.2	127	96	6	4213	27	<	3	<	8	0.1	1	5	99	<	125	6	21	2	3	1	1	0.01	0.09	0.03	0.95	0.03	0.05	0.01	0.02	
REC BK 1	0.6	196	39	50	2.42	17	<	3	<	9	0.9	14	36	30	<	62	7	25	5	5	1	1	0.01	0.30	0.10	2.59	0.15	0.07	0.01	0.06	
REC BK 2	1.2	372	37	19	7772	15	<	3	<	6	0.4	5	18	21	<	97	5	14	4	4	1	1	<	0.13	0.01	1.69	0.02	0.10	0.01	0.03	
REC BK 3	3.2	4456	17	88	282	173	<	5	<	154	0.8	14	25	<	61	59	13	<	1	18	12	<	0.21	<	<	2220.01	<	<	<	0.12	
REC BK 4																															

Min Limit	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
Max Reported*	99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	9999	999	99	1.00	9.99	9.99	9.99	9.99	9.99	9.99	5.00	5.00
	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	

SEP. 12 1996 10:18 0000 NAL WHITEHORSE 1-403-688-4890

CERTIFICATE OF ANALYSIS

iPL 96H0809

2036 Columbia Street
Vancouver B.C.
Canada V5Y 3E1
Phone (604) 879-7878
Fax (604) 879-7894

INTERNATIONAL PLASMA LABORATORY LTD

Client: Northern Analytical Laboratories
Project: W.O. 07014 88 Pulp

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Out: Sep 05, 1996
In: Aug 29, 1996

Page 2 of 3
[080908:53:57:69090596]

Section 1 of 1
Certified BC Assayer: David Chiu

Table with 26 columns for elements (Ag, Cu, Pb, Zn, As, Sb, Hg, Mo, Tl, Bi, Cd, Co, Ni, Ba, W, Cr, V, Mn, La, Sr, Zr, Sc, Ti, Al, Ca, Fe, Mg, K, Na, P) and 42 rows of sample data including CAB BK, ICE JD, JD CAB, JD FAN, D MUK, and JD OLD series. Each row lists sample name, matrix type (P), and concentration values in ppm or %.

Min Limit: 0.1 1 2 1 5 5 3 1 10 2 0.1 1 1 2 5 1 2 1 2 1 1 1 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01
Max Reported: 99.9 20000 20000 20000 9999 9999 9999 9999 9999 999 99.9 999 999 9999 999 9999 9999 9999 999 99 1.00 9.99 9.99 9.99 9.99 9.99 9.99 5.00 5.00
Method: ICP
-No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined %=Estimate/1000 X=Estimate % Max=No Estimate
International Plasma Lab Ltd. 2036 Columbia St. Vancouver BC V5Y 3E1 Ph:604/879-7878 Fax:604/879-7894