

ARCHER, CATHRO

& ASSOCIATES (1981) LIMITED

CONSULTING GEOLOGICAL ENGINEERS

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ASSESSMENT REPORT

describing

GEOCHEMICAL SAMPLING AND PROSPECTING

on the

LIGHT PROPERTY

Light 1-41 - YB92385-YB92425

Latitude 61°26' N; Longitude 130°09' W

NTS 105G/6

in the

WATSON LAKE MINING DISTRICT
YUKON TERRITORY

Prepared by

Archer, Cathro & Associates (1981) Limited

for

EXPATRIATE RESOURCES LTD.

W.A. Wengzynowski, P.Eng.

April, 2000



094111

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 \$ 6200.00.

M. B. K.
for Regional Manager, Exploration and
Geological Services for Commissioner
of Yukon Territory.

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INTRODUCTION

Expatriate Resources Ltd. has a 100% interest in the Light property which covers potential emerald bearing stratigraphy with geological and geochemical similarities to the recent discovery on the Goal Net property.

Field exploration was conducted by a four-person crew flown to and from the area by helicopter. The program consisted of contour soil sampling, stream sediment sampling and prospecting. All work was managed by Archer, Cathro & Associates (1981) Limited and supervised by the author. Appendix I contains the Author's Statement of Qualifications.

HISTORY

The area was first staked for base metal veins in 1966 by Northlake Mines Limited which covered several showings previously identified by Pelly River Exploration Limited in 1954. Northlake conducted airborne magnetic and EM surveys, prospecting, mapping and grid soil sampling (DIAND, 1996).

Several mining groups conducted regional programs in the Finlayson District in the 1970's and 1980's. Most of the programs were directed toward base metals, uranium or gold; however, results from the Firth Project (managed by Archer Cathro and funded by Chevron Minerals Ltd.) included strong tungsten response which spurred a regional tungsten program, the Grass Project. This project was again managed by Archer Cathro and funded by Chevron and was carried out between 1978 and 1980. Much of the first year's program was done on a large claim block that included ground near Lampman Lake which is currently covered by the Light claims.

Exploration consisted of soil sampling, pan sampling, geological mapping, prospecting, and minor hand pitting. The work identified numerous float occurrences and three main showings where scheelite occurs in skarn horizons and/or quartz-tourmaline veins. Select specimens reportedly returned up to 5.4% WO₃ (Cathro, 1978). These showings were considered too small and erratic to be of economic significance and were not followed up after the 1979 program.

In 1994 Cominco Ltd. staked the Lamp claims west of Lampman Lake and conducted grid soil geochemical surveys. This exploration was most likely directed toward volcanogenic massive sulphide mineralization similar to that at the Kudz Ze Kayah Deposit some 29 km to the east.

PROPERTY, LOCATION AND ACCESS

The property is located in southeastern Yukon at latitude 61°26'N and longitude 131°09'W on NTS map sheet 105G/6 (Figure 1). It is comprised of forty-one contiguous mineral claims registered with the Watson Lake Mining Recorder in the name of Archer, Cathro & Associates (1981) Limited which holds them in trust for Expatriate Resources Ltd. Claim registration data are listed below and their locations are shown on Figure 2.

<u>Claim Name</u>	<u>Grant Number</u>	<u>Expiry Date*</u>
Light 1-41	YB92385-YB92425	February 28, 2002

*Expiry date includes 1999 work filed for assessment credit but not yet accepted.

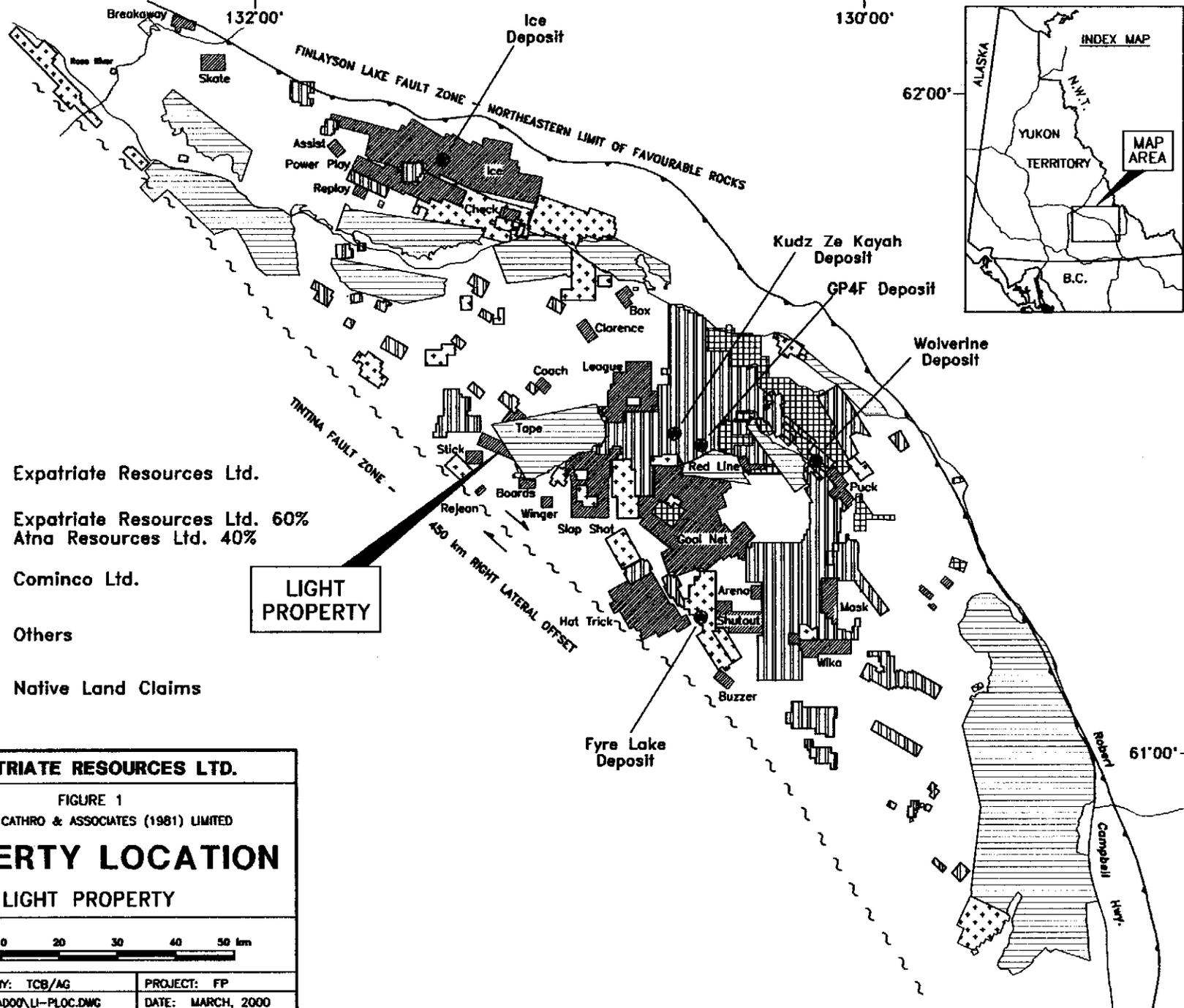
The area is situated approximately 230 km northeast of Whitehorse. The closest road access is on the Robert Campbell Highway about 40 km north of the property. In 1999 the claims were accessed by helicopter from the Goal Net property some 35 km to the southeast. Helicopter support was provided by a Bell 206B Jet Ranger operated by Trans North Helicopters from its base at Ross River, 95 km to the northwest. Previous owners accessed the area by float plane into Lampman Lake which bisects the central part of the Light claim block.

GEOMORPHOLOGY

The Light property is situated in the Pelly Mountains, approximately 8 km northeast of the Tintina Trench. Creeks draining the area flow into the Hoole River which is a tributary of the Pelly River and part of the Yukon River watershed.

Elevations range from 1400 m in the valley near Lampman Lake to 1940 m atop a ridge in the western part of the claim block. Topographic relief is typically moderate to steep (20 to 40°) with some impassable cliffs. Outcrop is most abundant along ridge crests and in north facing cirques. The valley bottom in the vicinity of Lampman Lake is covered with Pleistocene deposits of glacial till up to an elevation of 1500 m. Patchy till and talus predominate above 1500 m.

Most of the property lies above treeline. Vegetation consists of stunted black spruce with thick buckbrush and willow understorey on the valley floors and lower hillsides, giving way to scattered buckbrush, grass and eventually moss or lichen at higher elevations.



 Expatriate Resources Ltd.

 Expatriate Resources Ltd. 60%
Atna Resources Ltd. 40%

 Cominco Ltd.

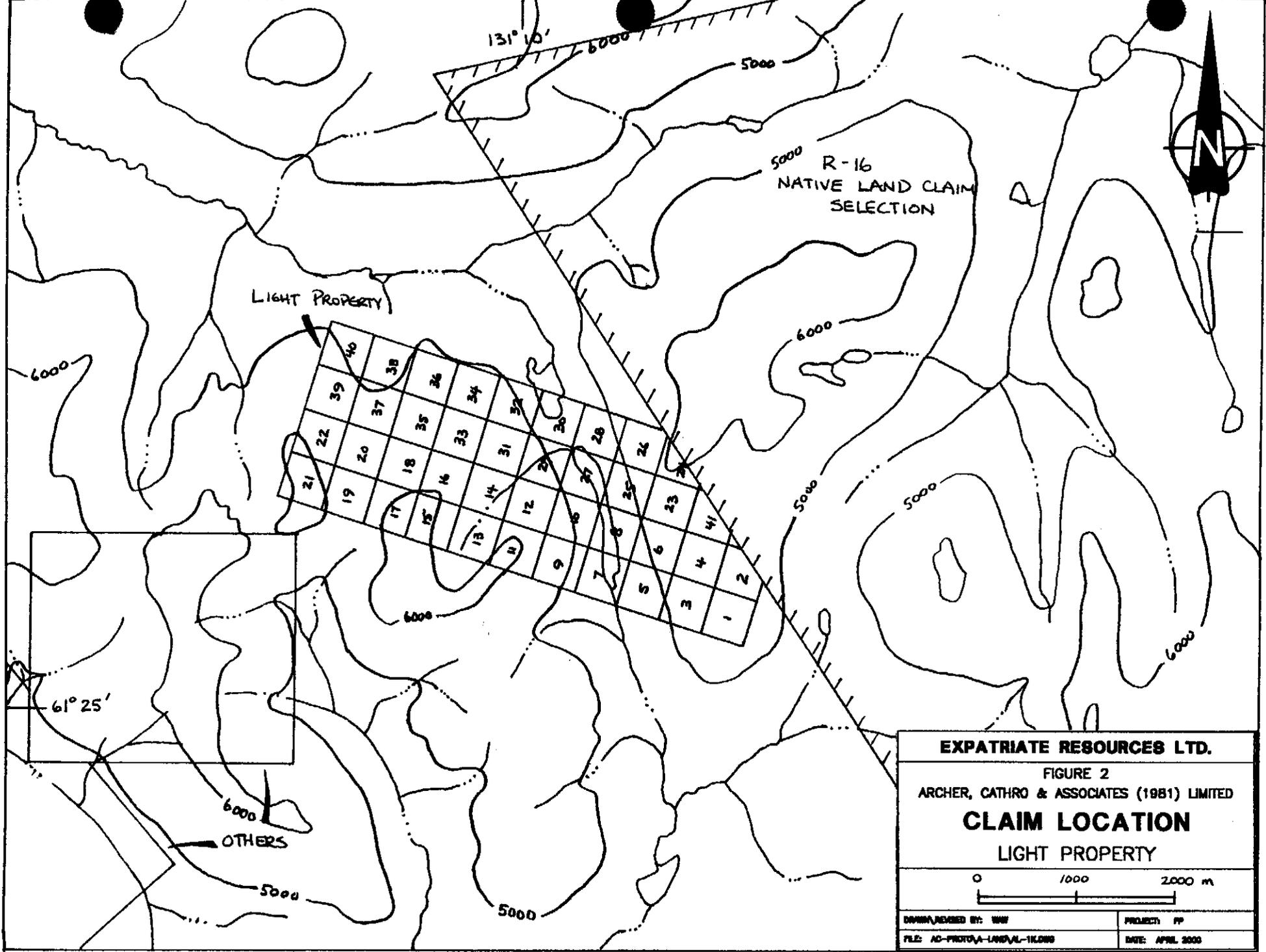
 Others

 Native Land Claims

**LIGHT
PROPERTY**

150 km RIGHT LATERAL OFFSET

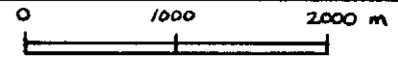
EXPATRIATE RESOURCES LTD.	
FIGURE 1	
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED	
PROPERTY LOCATION	
LIGHT PROPERTY	
	
DRAWN/REVISED BY: TCB/AG	PROJECT: FP
FILE: ..\LIGHT\ACAD00\LI-PLOC.DWG	DATE: MARCH, 2000



EXPATRIATE RESOURCES LTD.

FIGURE 2
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

CLAIM LOCATION
 LIGHT PROPERTY



DRAWN/ADDED BY: WWF	PROJECT: PP
FILE: AC-PROTA-LAND/L-16.DWG	DATE: APRIL 2000

GEOLOGY

The claims are located within the Finlayson Lake Block, a 380 by 60 km area comprised primarily of Paleozoic metasedimentary and metavolcanic rocks of the Yukon-Tanana Terrane. The most recent regional scale mapping (1:250,000) completed in the vicinity of the Light property was done in the late 1970's (Tempelman-Kluit, et al, 1976 and Tempelman-Kluit, 1977 and 1979). Detailed mapping was conducted at 1:5000 scale in the immediate vicinity of the property by Archer Cathro as part of the Grass Project.

Four units are documented in the map area (Figure 3). Three are Paleozoic metasedimentary and metavolcanic rocks while the other consists of Paleozoic metaplutonic rocks. No Cretaceous intrusions have been observed on the property and the closest stocks are located 6 km to the southeast and 11 km to the north.

LITHOLOGY

Metasedimentary and Metavolcanic Rocks

Unit PPK2 consists largely of black siliceous phyllite and lesser medium green amphibolite-chlorite phyllite. Subunits, where differentiated, include interbedded gritty greywacke and thin black marble lenses. This package was described by Tempelman-Kluit as resembling sheared mylonite.

Unit PPK4 is a resistant weathering package of quartz-feldspar gneiss with interfoliated chlorite schist, muscovite-chlorite schist, quartzite, amphibolite and marble. Lenses of actinolite-diopside-garnet skarn are also present. It is likely that the rocks mapped as gneiss were volcanoclastic tuff.

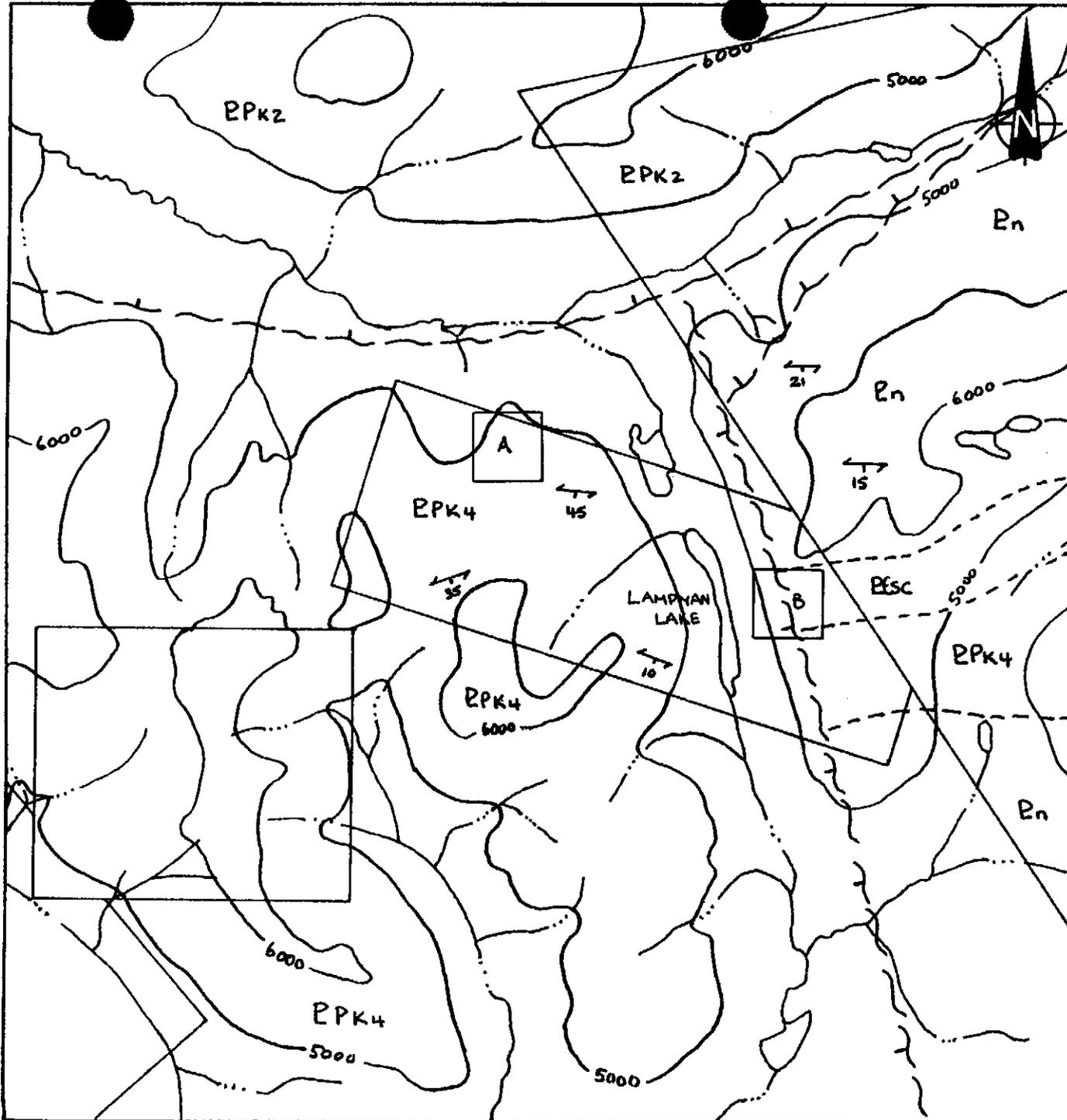
Unit PCsc is an approximately 500 m thick section of biotite-garnet-muscovite schist, calc-silicate schist and muscovite-garnet marble. The most important subunit within this package is a coarse grained, golden-tan coloured muscovite±quartz schist which occurs in the eastern portion of the Light claims and hosts beryllium and tungsten mineralization.

Metaplutonic Rocks

Unit Pn is a grey coloured, resistant weathering feldspar augen gneiss with muscovite and biotite commonly formed along foliation planes. This unit is probably equivalent to the Paleozoic orthogneiss most recently mapped in the Grass Lakes area by Murphy, 1997.

Cretaceous Intrusive Rocks

Unit Kqm is moderately resistant, pale grey weathering biotite-quartz monzonite. It is medium to coarse grained and equigranular. A stock belonging to the same intrusive suite is thought to



Yukon-Tanana Terrane
 Paleozoic metaplutonic rocks
 Pn Feldspar augen gneiss
 Paleozoic metasedimentary and metavolcanic rocks
 EPK2 Phyllite
 EPK4 Quartz-feldspar gneiss, chlorite schist, quartzite, amphibolite and marble
 PSc Biotite-garnet-muscovite schist, calc-silicate schist and muscovite-garnet marble

- Foliation orientation
- Fault trace with orientation
- Geological contact, inferred
- Detail work area, Figure 4
- Detail work area, Figure 5

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FIGURE 3
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

GEOLOGY
 LIGHT PROPERTY



DRAWN/REVISED BY: WWF	PROJECT: PP
FILE: AC-PROTA-LANDVAL-1K008	DATE: APRIL 2000

be the source of beryllium for the emerald occurrences at the Goal Net property. The closest exposed stock is 6 km from the property but a buried intrusion is a possibility.

Structure

The lithologies, with the exception of Kqm, are all well foliated and strike roughly east with 15 to 45° dips to the south. Foliation orientations are fairly consistent which would imply that large scale folding, if present, is likely isoclinal or sub-isoclinal. Outcrop scale isoclinal folds and crenulation cleavage have been documented by previous mappers.

The claims are bordered by two large scale normal faults that strike westward and northward and dip steeply. The displacement along these structures is unknown. Smaller scale faults are abundant and often associated with quartz±tourmaline veining or massive tourmalinite.

SOIL GEOCHEMISTRY

Eighty-one soil and stream sediment samples were taken along contour lines and from drainages, 2.5 km northwest of the Lampman Lake (Area A) and immediately east of the lake (Area B), as illustrated on Figure 3. All samples were sent to Chemex Labs Ltd. of North Vancouver where they were dried and sieved to -80 mesh, dissolved in standard aqua-regia leach and geochemically analyzed for 32 elements by the induced coupled plasma (ICP) technique. Sample locations for Area A are shown on Figure 4 while those for Area B are illustrated on Figure 5. Certificates of Analysis are contained in Appendix II.

Results

Geochemical results for arsenic, beryllium and tungsten are plotted on Figures 6 and 7 for Areas A and B, respectively.

Most samples from Area A returned slightly elevated arsenic values but near background beryllium and tungsten results. However, the southeasternmost sample taken on the upper contour line yielded extremely anomalous arsenic (7970 ppm) and moderately anomalous beryllium (2.0 ppm) values.

Arsenic response at Area B was strongly anomalous on both contour lines. Of the twenty samples taken over a 950 m distance on the upper line, only two samples returned less than 200 ppm arsenic. The peak value was 3680 ppm. Most samples also produced elevated beryllium and tungsten values, returning up to 5 and 60 ppm, respectively. The beryllium and tungsten analyses were done using incomplete digestion and therefore could be substantially higher. Five specific beryllium-tungsten targets were outlined from the sampling, four of which are situated along the upper contour line.

Stream sediment samples taken from the creek in Area B were all elevated for arsenic (1560 ppm), beryllium (1.5 ppm) and tungsten (30 ppm).

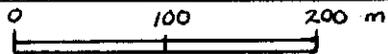
EXPATRIATE RESOURCES LTD.

FIGURE 4

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

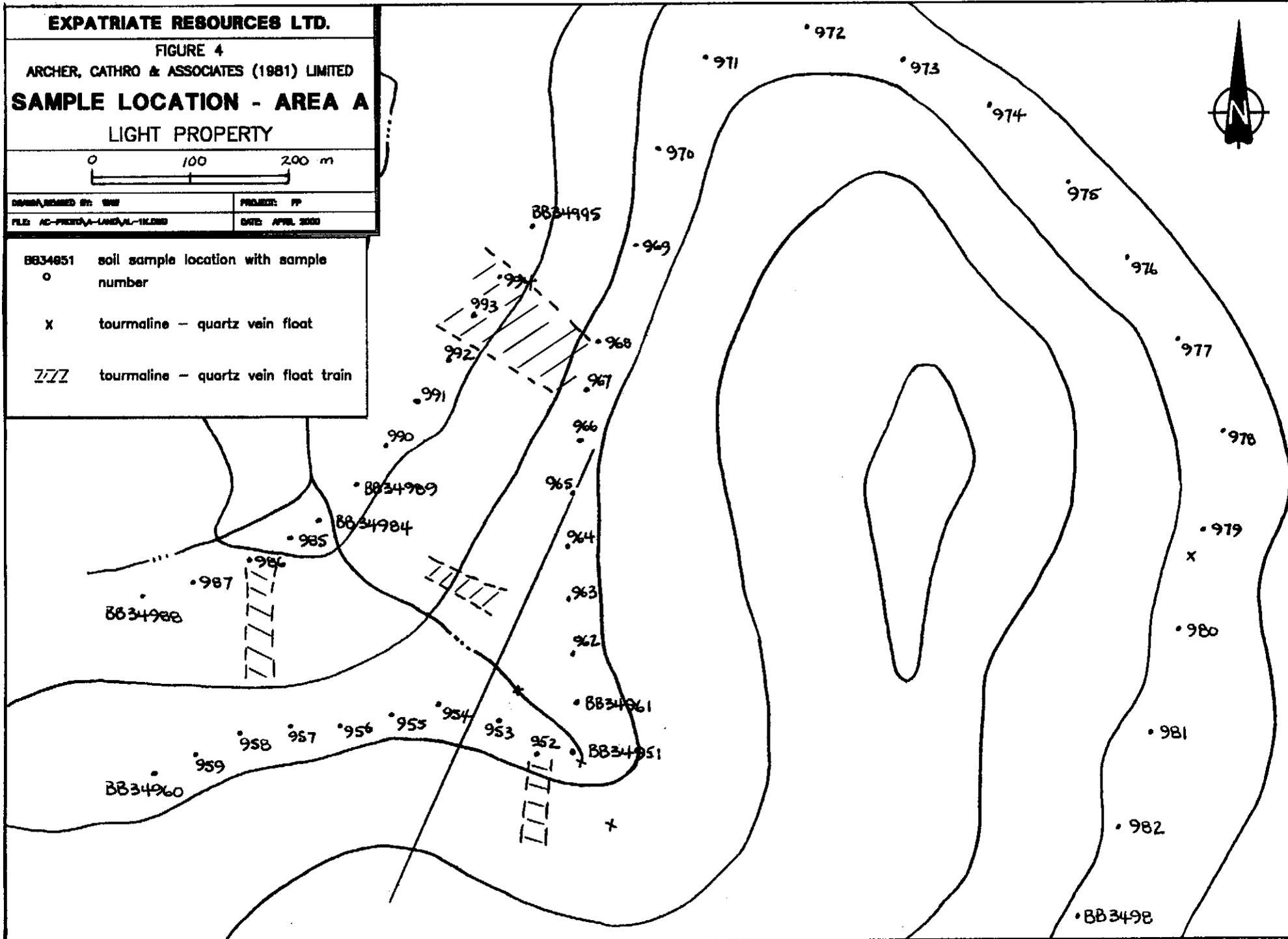
SAMPLE LOCATION - AREA A

LIGHT PROPERTY

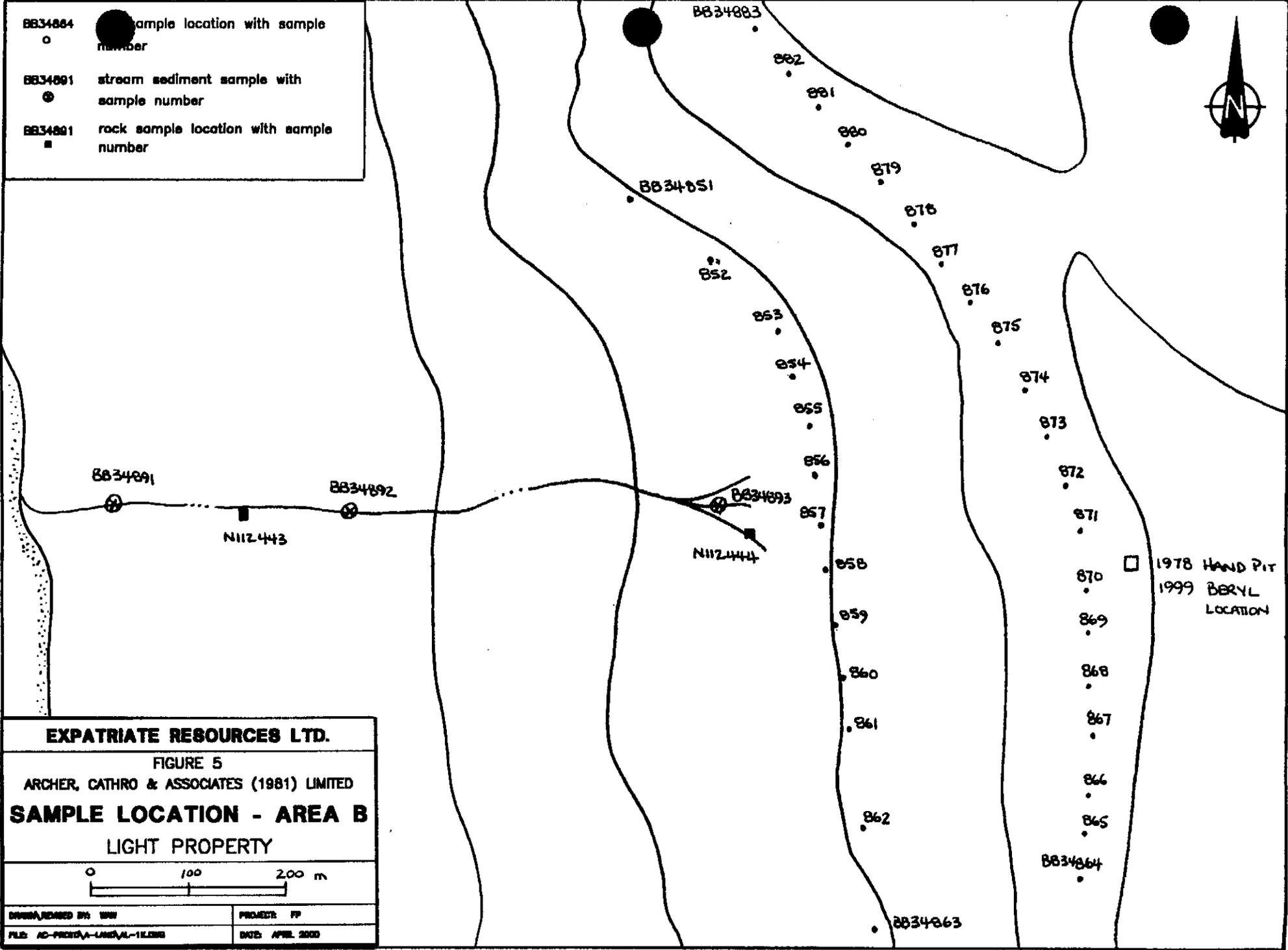


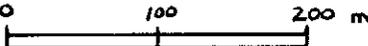
DRAWN/ISSUED BY: SWP	PROJECT: FP
FILE: AC-PROS/A-LAND/A-1-KLMS	DATE: APRIL 2000

- BB34851 soil sample location with sample number
-
- X tourmaline - quartz vein float
- ||||| tourmaline - quartz vein float train



- BB34884  sample location with sample number
- BB34891  stream sediment sample with sample number
- BB34891  rock sample location with sample number



EXPATRIATE RESOURCES LTD.	
FIGURE 5	
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED	
SAMPLE LOCATION - AREA B	
LIGHT PROPERTY	
	
DRAWN/REVISED BY: UNW	PROJECT: FP
FILE: AC-PRODA-LANDAL-11.000	DATE: APRIL 2000

MINERALIZATION

Prospecting was conducted at both target areas in 1999. Only two samples were collected, both from Area B. They were sent to Chemex Labs where they were pulverized to -150 mesh, dissolved in standard aqua-regia leach and analyzed for 32 elements geochemically using the ICP technique. Both samples were also analyzed for gold using fire assay preparation and Atomic Absorption finish. Sample locations are shown on Figure 5 while gold, arsenic, beryllium and tungsten results are plotted on Figure 7. Certificates of Analysis are contained in Appendix II while rock sample descriptions are in Appendix III.

Three types of mineralization were recognized in 1999. The most common is arsenopyrite which occurs as blebs and disseminations within quartz vein material. Two such samples were taken near the mouth and head of the creek draining Area B. The uppermost sample was elevated in arsenic (5840 ppm) and gold (30 ppb). Similar quartz vein material containing fine grained tourmaline and blebby scheelite was also observed in this area. Although none of this material was sampled in 1999, previous prospecting by Archer Cathro in the same area discovered scheelite bearing quartz-tourmaline vein float that reportedly yielded up to 6.8% tungsten oxide (Archer, 1979). Scheelite was also reported as disseminations within rusty weathering muscovite-biotite schist float encountered in a hand pit (Figure 7) excavated in 1978. Material from the pit was re-examined in 1999 and randomly oriented white beryl crystals were discovered in several float boulders. The crystals have symmetrical cross sections and are weakly to moderately weathered. The largest crystal is 2 cm long and has a 0.5 cm diameter cross section.

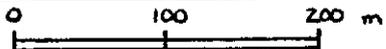
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FIGURE 6

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

GEOCHEMISTRY - AREA A

LIGHT PROPERTY

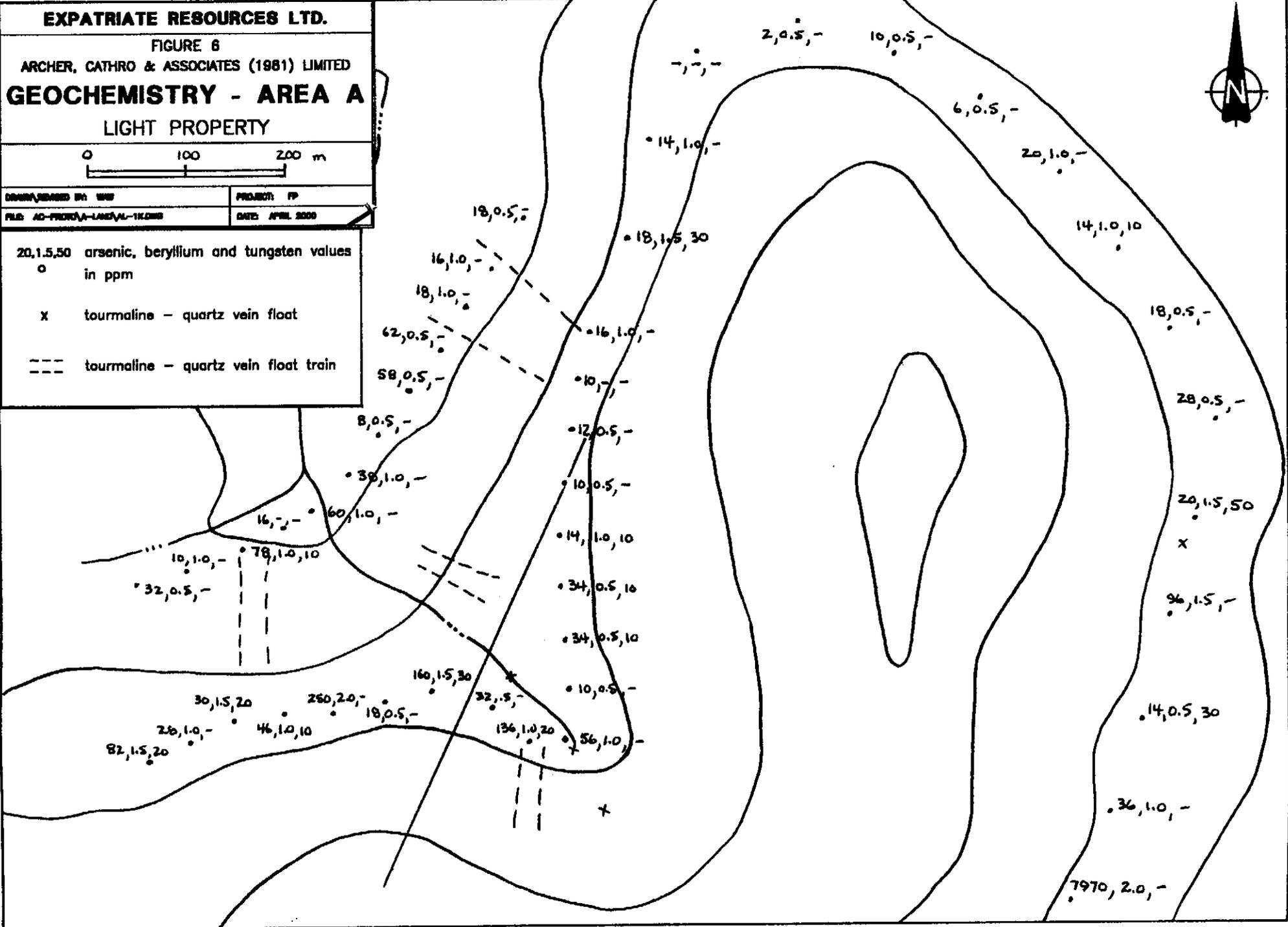


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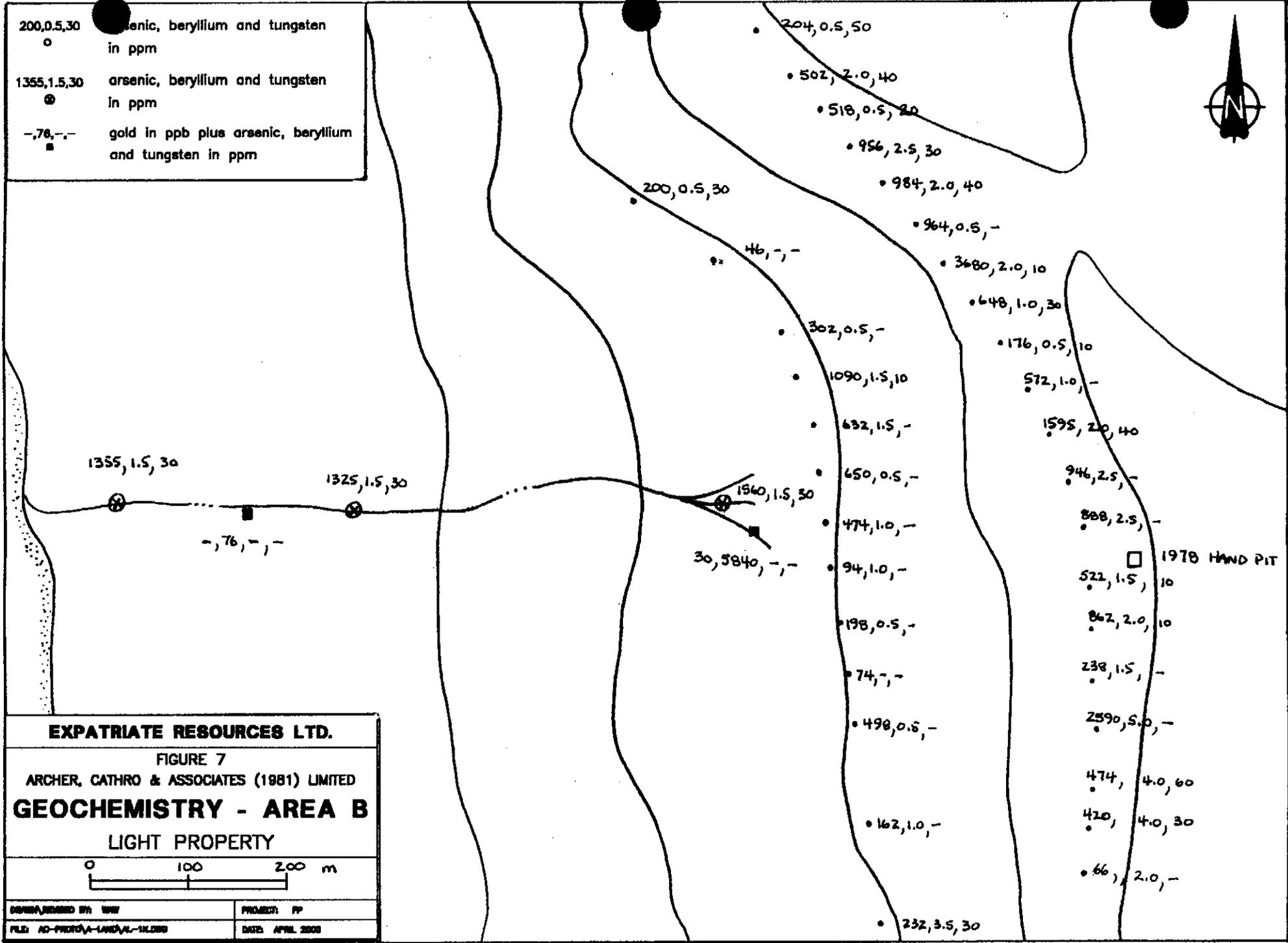
20,1.5,50 arsenic, beryllium and tungsten values in ppm

x tourmaline - quartz vein float

--- tourmaline - quartz vein float train



○ 200,0.5,30 arsenic, beryllium and tungsten in ppm
 ● 1355,1.5,30 arsenic, beryllium and tungsten in ppm
 ■ -76,-,- gold in ppb plus arsenic, beryllium and tungsten in ppm



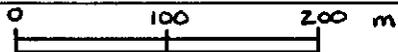
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FIGURE 7

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

GEOCHEMISTRY - AREA B

LIGHT PROPERTY



DEVELOPED BY WW

PROJECT: PP

FILE: AD-PROVA-LAND-VL-11.DWG

DATE: APRIL 2000

CONCLUSIONS AND RECOMMENDATIONS

The Light property covers a potential emerald target in the Finlayson Lake District. The geological setting is similar to Expatriate's emerald discovery on the Goal Net property 35 km to the southeast, except that the ultramafic rocks have not been recognized. At Goal Net emeralds are formed where scheelite bearing quartz-tourmaline veins cut rusty weathering, scheelite bearing muscovite-tourmaline schist horizons within ultramafic country veins. cursory prospecting at the Light claims has identified several key features associated with emerald development at Goal Net, including extensive quartz-tourmaline veins, a scheelite bearing muscovite schist horizon and widespread beryllium-tungsten soil geochemical anomalies. Furthermore, the discovery of white beryl in this setting is considered extremely significant, possibly indicating proximity to a buried Cretaceous intrusion. The absence of ultramafic rocks could be problematic as they represent the best source of chromium in the area and chromium provides the green colour in emeralds.

Additional exploration is required to delineate the extent of the beryl mineralization and determine whether or not there is a source of chromium. This work could be done by a two or three person crew working from flycamps on the property.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED



W.A. Wengzynowski, P.Eng.

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1979 Final Report, Grass Project 1979, January, 1980.
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1996 Yukon Minfile, 105G/21, 20 Nov/95. Exploration and Geological Services Division, Indian and Northern Affairs Canada.
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1976 Stratigraphic and structural studies in the Pelly Mountains, Yukon Territory; Geological Survey of Canada Paper 76-1A, pp.97-106.
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1977 Quiet Lake (105F) and Finlayson Lake (105G) map areas; Geological Survey of Canada Open File 486.
- 1979 Transported Cataclasite, Ophiolite and Granodiorite in Yukon: Evidence of Arc-Continent Collision, Geological Survey of Canada, Paper 79-14, p.27.

APPENDIX I

AUTHOR'S STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, William A. Wengzynowski, geological engineer, with business addresses in Whitehorse, Yukon Territory and Vancouver, British Columbia and residential address in Vancouver, British Columbia, do hereby certify that:

1. I graduated from the University of British Columbia in 1993 with a B.A.Sc. in geological engineering, option 1, mineral and fuel exploration.
2. I became a Professional Engineer on December 12, 1998 registered in the Province of British Columbia.
3. From 1983 to present, I have been actively engaged in mineral exploration in the Yukon Territory and am presently a partner of Archer, Cathro & Associates (1981) Limited.
4. I have personally participated in and supervised the field work reported herein.



W.A. Wengzynowski, P.Eng.

APPENDIX II
CERTIFICATES OF ANALYSIS



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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WHITEHORSE, YT
Y1A 3S9

Page: 1-A
Total: 3
Certificate Date: 22-SEP-1999
Invoice No.: I9928422
P.O. Number:
Account: MPO

Project: FP-LIGHT
Comments:

CERTIFICATE OF ANALYSIS A9928422

SAMPLE	PREP CODE	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
BB34851	201 202	0.2	1.76	200	< 10	70	0.5	< 2	0.12	< 0.5	9	34	23	3.85	< 10	< 1	0.17	10	0.57	325
BB34852	201 202	< 0.2	0.76	46	< 10	30	< 0.5	< 2	0.06	< 0.5	3	9	5	0.91	< 10	< 1	0.05	< 10	0.14	165
BB34853	201 202	< 0.2	1.26	302	< 10	60	0.5	< 2	0.28	< 0.5	6	25	72	2.18	< 10	< 1	0.07	10	0.54	275
BB34854	201 202	< 0.2	2.66	1090	< 10	140	1.5	2	0.44	< 0.5	15	49	26	4.49	< 10	< 1	0.25	40	1.02	440
BB34855	201 202	0.4	2.61	632	< 10	100	1.5	2	0.59	< 0.5	16	47	24	4.13	< 10	< 1	0.20	20	0.99	575
BB34856	201 202	< 0.2	2.62	650	< 10	90	0.5	< 2	0.31	< 0.5	14	52	27	5.10	< 10	< 1	0.17	10	0.96	355
BB34857	201 202	0.6	1.95	474	< 10	100	1.0	< 2	0.39	< 0.5	9	28	18	2.68	< 10	< 1	0.12	20	0.70	325
BB34858	201 202	< 0.2	2.56	94	< 10	100	1.0	< 2	0.32	< 0.5	13	43	19	3.74	< 10	< 1	0.19	20	1.03	440
BB34859	201 202	< 0.2	2.33	198	< 10	80	0.5	< 2	0.23	< 0.5	12	41	21	3.62	< 10	< 1	0.14	20	0.91	410
BB34860	201 202	< 0.2	1.50	74	< 10	60	< 0.5	< 2	0.08	< 0.5	9	33	16	2.89	< 10	< 1	0.22	10	0.61	210
BB34861	201 202	< 0.2	1.83	498	< 10	80	0.5	< 2	0.65	< 0.5	10	31	24	3.54	< 10	< 1	0.10	30	0.70	230
BB34862	201 202	< 0.2	1.70	162	< 10	70	1.0	< 2	0.25	< 0.5	8	33	17	2.84	< 10	< 1	0.10	20	0.70	195
BB34863	201 202	< 0.2	2.66	232	< 10	100	3.5	< 2	0.57	< 0.5	25	53	56	5.12	< 10	< 1	0.34	30	1.35	725
BB34864	201 202	0.2	2.03	66	< 10	90	2.0	< 2	1.61	< 0.5	15	38	93	3.58	< 10	< 1	0.17	30	1.24	440
BB34865	201 202	< 0.2	3.15	420	< 10	110	4.0	< 2	0.65	< 0.5	36	53	146	6.19	< 10	< 1	0.48	90	1.80	1000
BB34866	201 202	< 0.2	3.26	474	< 10	110	4.0	2	0.79	< 0.5	45	79	70	6.15	< 10	< 1	0.46	70	1.83	1550
BB34867	201 202	2.4	1.84	2590	< 10	90	5.0	2	0.27	7.0	18	21	64	5.41	< 10	< 1	0.21	50	0.56	1175
BB34868	201 202	< 0.2	2.09	238	< 10	80	1.5	8	0.87	< 0.5	15	34	33	4.23	< 10	< 1	0.21	60	1.17	610
BB34869	201 202	< 0.2	2.72	862	< 10	120	2.0	< 2	0.21	< 0.5	21	42	35	4.74	< 10	< 1	0.25	60	1.27	580
BB34870	201 202	< 0.2	2.23	522	< 10	80	1.5	< 2	0.16	< 0.5	20	33	35	4.25	< 10	< 1	0.19	50	0.91	595
BB34871	201 202	0.2	2.33	888	< 10	120	2.5	< 2	0.45	< 0.5	21	35	37	4.30	< 10	< 1	0.25	80	0.95	855
BB34872	201 202	0.6	2.43	946	< 10	100	2.5	< 2	0.58	< 0.5	21	37	40	4.96	< 10	< 1	0.25	80	1.06	705
BB34873	201 202	1.4	3.04	1595	< 10	150	2.0	2	0.70	0.5	23	45	44	4.82	< 10	< 1	0.49	50	1.59	930
BB34874	201 202	0.2	2.50	572	< 10	80	1.0	< 2	0.12	< 0.5	17	35	28	4.17	< 10	< 1	0.24	30	1.21	425
BB34875	201 202	< 0.2	2.40	176	< 10	80	0.5	< 2	0.87	< 0.5	14	32	22	3.06	< 10	< 1	0.14	20	0.86	460
BB34876	201 202	0.2	3.54	648	< 10	100	1.0	< 2	0.96	< 0.5	20	51	28	4.52	< 10	< 1	0.27	30	1.18	720
BB34877	201 202	0.8	2.49	3680	< 10	190	2.0	8	0.27	< 0.5	20	40	39	5.12	< 10	< 1	0.24	70	0.77	950
BB34878	201 202	< 0.2	1.64	964	< 10	110	0.5	< 2	0.09	< 0.5	9	28	21	3.59	< 10	< 1	0.20	20	0.46	205
BB34879	201 202	< 0.2	4.22	984	< 10	150	2.0	< 2	0.59	< 0.5	25	61	35	5.15	< 10	< 1	0.39	60	1.42	1080
BB34880	201 202	< 0.2	4.63	956	< 10	130	2.5	< 2	0.60	< 0.5	25	62	34	5.09	< 10	< 1	0.40	40	1.33	995
BB34881	201 202	0.2	1.78	518	< 10	160	0.5	2	0.36	0.5	14	48	27	3.83	< 10	< 1	0.34	10	0.72	865
BB34882	201 202	0.4	1.74	504	< 10	150	2.0	4	0.87	0.5	16	70	36	3.91	< 10	< 1	0.30	10	1.00	630
BB34883	201 202	< 0.2	1.71	204	< 10	120	0.5	< 2	0.22	< 0.5	11	46	31	3.60	< 10	< 1	0.36	10	0.85	365
BB34891	201 202	0.2	2.53	1355	< 10	70	1.5	< 2	0.85	< 0.5	19	46	35	4.21	< 10	< 1	0.37	50	0.99	405
BB34892	201 202	0.2	2.57	1325	< 10	70	1.5	< 2	0.77	< 0.5	19	46	31	4.26	< 10	< 1	0.38	50	1.04	415
BB34893	201 202	0.6	2.78	1560	< 10	80	1.5	< 2	0.82	< 0.5	19	43	37	4.26	< 10	< 1	0.29	50	1.17	250
BB34951	201 202	< 0.2	3.30	56	< 10	90	1.0	< 2	0.59	< 0.5	29	92	53	5.88	< 10	< 1	0.17	40	1.99	1015
BB34952	201 202	< 0.2	2.66	136	< 10	80	1.0	< 2	0.42	< 0.5	25	58	44	5.11	< 10	< 1	0.20	40	1.49	775
BB34953	201 202	< 0.2	2.82	32	< 10	100	0.5	< 2	0.40	< 0.5	23	55	46	5.35	< 10	< 1	0.25	50	1.37	565
BB34954	201 202	0.2	2.72	160	< 10	90	1.5	< 2	0.28	< 0.5	28	64	56	5.36	< 10	< 1	0.43	50	1.36	745

CERTIFICATION: _____



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
BOX 4127, 2054 SECOND AVE.
WHITEHORSE, YT
Y1A 3S9

Page Number : 1-B
Total : 3
Certificate Date: 22-SEP-1999
Invoice No. : 19928422
P.O. Number :
Account : MPO

Project : FP-LIGHT
Comments:

CERTIFICATE OF ANALYSIS

A9928422

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
BB34851	201 202	2	0.01	19	830	6	0.06	< 2	1	16	0.04	< 10	< 10	49	30	72
BB34852	201 202	< 1	0.04	5	470	2	0.04	< 2	< 1	7	0.01	< 10	< 10	15	< 10	18
BB34853	201 202	2	0.03	18	1230	4	0.07	< 2	< 1	23	0.01	< 10	< 10	51	< 10	64
BB34854	201 202	1	0.01	32	790	12	0.05	< 2	5	50	0.09	< 10	< 10	55	10	96
BB34855	201 202	2	0.01	32	870	28	0.05	< 2	4	61	0.08	< 10	< 10	55	< 10	94
BB34856	201 202	1	0.01	32	830	6	0.07	< 2	3	30	0.06	< 10	< 10	52	< 10	88
BB34857	201 202	1	0.03	20	990	14	0.06	< 2	2	31	0.04	< 10	< 10	35	< 10	66
BB34858	201 202	< 1	0.01	22	950	8	0.05	< 2	3	25	0.07	< 10	< 10	63	< 10	78
BB34859	201 202	1	0.01	26	840	10	0.06	< 2	2	17	0.05	< 10	< 10	46	< 10	72
BB34860	201 202	1	0.01	17	410	10	0.02	< 2	3	14	0.10	< 10	< 10	57	< 10	58
BB34861	201 202	2	< 0.01	24	760	8	0.05	< 2	2	26	0.03	< 10	< 10	35	< 10	76
BB34862	201 202	1	0.01	19	800	12	0.05	< 2	2	17	0.04	< 10	< 10	40	< 10	60
BB34863	201 202	2	0.01	43	1280	14	0.02	< 2	6	33	0.07	< 10	< 10	62	30	114
BB34864	201 202	3	< 0.01	34	1660	14	0.10	< 2	5	75	0.04	< 10	< 10	57	< 10	118
BB34865	201 202	2	0.01	58	1320	16	0.04	< 2	8	35	0.10	< 10	< 10	66	30	106
BB34866	201 202	3	0.01	62	1240	16	0.04	< 2	9	43	0.07	< 10	< 10	65	60	116
BB34867	201 202	2	0.03	34	920	216	0.10	< 2	5	57	< 0.01	< 10	< 10	23	< 10	844
BB34868	201 202	2	0.01	38	610	20	0.06	< 2	4	42	0.04	< 10	< 10	27	< 10	112
BB34869	201 202	1	< 0.01	48	740	14	0.04	< 2	4	29	0.05	< 10	< 10	35	10	108
BB34870	201 202	1	< 0.01	41	640	10	0.03	< 2	3	16	0.03	< 10	< 10	29	10	96
BB34871	201 202	1	< 0.01	47	740	22	0.01	< 2	6	36	0.05	< 10	< 10	33	< 10	104
BB34872	201 202	2	0.01	47	760	32	0.03	< 2	6	70	0.06	< 10	< 10	34	< 10	130
BB34873	201 202	2	0.03	48	820	64	0.03	< 2	7	65	0.07	< 10	< 10	47	40	182
BB34874	201 202	< 1	< 0.01	41	660	10	0.04	< 2	3	13	0.05	< 10	< 10	36	< 10	84
BB34875	201 202	1	0.05	28	600	8	0.06	< 2	4	106	0.06	< 10	< 10	31	10	78
BB34876	201 202	1	0.09	42	650	14	0.04	< 2	6	161	0.10	< 10	< 10	41	30	106
BB34877	201 202	< 1	0.01	40	930	56	0.10	< 2	4	71	0.05	< 10	< 10	34	10	110
BB34878	201 202	1	< 0.01	26	450	12	0.04	< 2	2	15	0.06	< 10	< 10	35	< 10	64
BB34879	201 202	1	0.06	53	1030	16	0.04	< 2	7	113	0.12	< 10	< 10	46	40	106
BB34880	201 202	1	0.05	53	1090	16	0.05	< 2	7	112	0.11	< 10	< 10	45	30	108
BB34881	201 202	3	0.01	30	1080	18	0.10	< 2	1	32	0.03	< 10	< 10	51	20	112
BB34882	201 202	2	0.01	55	810	14	0.07	< 2	9	33	0.03	< 10	< 10	63	40	136
BB34883	201 202	3	0.01	26	800	8	0.06	< 2	4	18	0.06	< 10	< 10	80	50	94
BB34891	201 202	1	0.03	41	830	16	0.06	< 2	5	96	0.07	< 10	< 10	36	30	112
BB34892	201 202	1	0.03	41	1010	20	0.05	< 2	5	93	0.07	< 10	< 10	37	30	110
BB34893	201 202	3	0.03	42	1070	16	0.07	< 2	6	109	0.06	< 10	< 10	42	30	118
BB34951	201 202	3	< 0.01	62	1210	24	0.01	< 2	7	48	0.05	< 10	< 10	69	< 10	264
BB34952	201 202	2	< 0.01	44	1050	24	0.01	< 2	6	28	0.06	< 10	< 10	56	20	132
BB34953	201 202	2	0.01	44	860	14	0.03	< 2	6	25	0.09	< 10	< 10	60	< 10	138
BB34954	201 202	1	0.01	49	790	36	0.04	< 2	6	27	0.11	< 10	< 10	57	30	138

CERTIFICATION:



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Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
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To: EXPATRIATE RESOURCES LTD.
 C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
 BOX 4127, 2054 SECOND AVE.
 WHITEHORSE, YT
 Y1A 3S9

Page: 2-A
 Total: 3
 Certificate Date: 22-SEP-1999
 Invoice No.: 19928422
 P.O. Number:
 Account: MPO

Project: FP-LIGHT
 Comments:

CERTIFICATE OF ANALYSIS A9928422

SAMPLE	PREP CODE		Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
			ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
BB34955	201	202	< 0.2	1.89	18	< 10	60	0.5	< 2	0.14	< 0.5	21	31	30	3.88	< 10	< 1	0.10	30	0.61	750
BB34956	201	202	0.2	3.81	250	< 10	140	2.0	4	0.37	< 0.5	38	86	88	7.23	10	< 1	0.51	70	1.86	1195
BB34957	201	202	0.2	3.15	46	< 10	100	1.0	< 2	0.32	< 0.5	30	65	68	5.90	< 10	< 1	0.38	50	1.55	900
BB34958	201	202	< 0.2	3.02	30	< 10	100	1.5	6	0.46	< 0.5	34	61	75	6.06	10	< 1	0.37	70	1.58	800
BB34959	201	202	0.2	3.20	28	< 10	110	1.0	< 2	0.62	< 0.5	36	62	78	6.09	< 10	< 1	0.38	60	1.84	925
BB34960	201	202	< 0.2	3.50	82	< 10	110	1.5	< 2	0.55	< 0.5	31	84	72	6.52	10	< 1	0.33	80	1.80	955
BB34961	201	202	< 0.2	1.86	10	< 10	70	0.5	< 2	0.35	< 0.5	13	22	35	3.63	< 10	< 1	0.12	50	0.77	325
BB34962	201	202	0.2	2.02	34	< 10	80	0.5	< 2	1.30	< 0.5	17	31	42	4.13	< 10	< 1	0.26	40	0.90	670
BB34963	201	202	< 0.2	1.99	34	< 10	80	0.5	< 2	0.26	< 0.5	18	44	42	3.83	< 10	< 1	0.24	50	0.92	540
BB34964	201	202	0.2	2.37	14	< 10	100	1.0	< 2	1.06	< 0.5	19	33	48	4.95	< 10	< 1	0.14	80	0.91	835
BB34965	201	202	< 0.2	2.24	10	< 10	80	0.5	< 2	0.52	< 0.5	15	27	32	4.01	< 10	< 1	0.22	50	1.03	465
BB34966	201	202	< 0.2	1.72	12	< 10	70	0.5	< 2	0.10	< 0.5	12	29	30	3.61	< 10	< 1	0.09	30	0.68	345
BB34967	201	202	< 0.2	1.47	10	< 10	60	< 0.5	< 2	0.21	< 0.5	11	22	22	3.27	< 10	< 1	0.07	30	0.53	360
BB34968	201	202	< 0.2	1.82	16	< 10	60	1.0	2	0.10	< 0.5	18	24	39	4.03	< 10	< 1	0.09	50	0.66	535
BB34969	201	202	< 0.2	2.19	18	< 10	40	1.5	< 2	0.29	< 0.5	33	25	53	4.72	< 10	< 1	0.11	80	1.01	810
BB34970	201	202	< 0.2	2.41	14	< 10	90	1.0	< 2	0.50	< 0.5	33	32	49	4.83	< 10	< 1	0.15	90	0.94	885
BB34971	201	202	< 0.2	3.19	< 2	< 10	90	< 0.5	< 2	4.45	< 0.5	27	43	39	5.26	10	< 1	0.54	30	1.58	740
BB34972	201	202	< 0.2	2.31	2	< 10	90	0.5	< 2	5.26	< 0.5	28	32	43	4.55	< 10	< 1	0.22	50	1.00	690
BB34973	201	202	< 0.2	2.39	10	< 10	70	0.5	< 2	0.55	< 0.5	28	34	45	5.62	< 10	< 1	0.18	80	1.04	795
BB34974	201	202	< 0.2	3.35	6	< 10	100	0.5	< 2	1.60	< 0.5	32	45	51	6.14	< 10	< 1	0.30	60	1.52	730
BB34975	201	202	< 0.2	2.41	20	< 10	70	1.0	< 2	0.13	< 0.5	31	30	49	4.70	< 10	< 1	0.11	90	0.91	800
BB34976	201	202	< 0.2	2.37	14	< 10	90	1.0	< 2	0.49	< 0.5	32	29	64	5.46	< 10	< 1	0.16	90	1.08	905
BB34977	201	202	< 0.2	1.95	18	< 10	60	0.5	< 2	0.10	< 0.5	17	27	30	3.98	< 10	< 1	0.11	40	0.66	595
BB34978	201	202	< 0.2	1.97	28	< 10	100	0.5	< 2	0.57	< 0.5	14	29	23	3.88	< 10	< 1	0.09	40	0.61	565
BB34979	201	202	< 0.2	1.35	20	< 10	60	1.5	10	0.19	< 0.5	13	15	53	4.49	< 10	< 1	0.17	50	0.67	415
BB34980	201	202	< 0.2	2.07	96	< 10	40	1.5	< 2	0.14	< 0.5	24	22	54	4.91	< 10	< 1	0.12	50	0.93	725
BB34981	201	202	< 0.2	1.12	14	< 10	40	0.5	2	0.17	< 0.5	11	10	44	2.58	< 10	< 1	0.14	40	0.40	335
BB34982	201	202	< 0.2	1.71	36	< 10	60	1.0	< 2	0.24	< 0.5	14	35	29	3.93	< 10	< 1	0.11	40	0.70	390
BB34983	201	202	< 0.2	2.08	7970	< 10	70	2.0	6	0.20	< 0.5	26	29	62	5.56	< 10	< 1	0.19	70	1.03	575
BB34984	201	202	0.2	3.61	60	< 10	130	1.0	< 2	0.54	0.5	33	91	69	6.67	10	< 1	0.35	50	2.12	1215
BB34985	201	202	0.2	4.52	16	< 10	170	< 0.5	< 2	0.77	< 0.5	61	58	244	9.09	10	< 1	1.20	40	2.28	1300
BB34986	201	202	< 0.2	3.19	78	< 10	90	1.0	< 2	0.62	< 0.5	28	69	64	5.95	< 10	< 1	0.25	50	1.88	710
BB34987	201	202	< 0.2	3.11	48	< 10	100	1.0	< 2	0.59	< 0.5	24	64	56	5.44	< 10	< 1	0.22	50	1.63	585
BB34988	201	202	< 0.2	2.93	32	< 10	90	0.5	< 2	0.33	< 0.5	30	62	39	4.84	10	< 1	0.20	30	1.50	805
BB34989	201	202	< 0.2	1.78	38	< 10	100	1.0	< 2	1.63	< 0.5	20	29	60	4.08	< 10	< 1	0.14	110	0.76	1655
BB34990	201	202	< 0.2	2.28	8	< 10	60	0.5	< 2	0.50	< 0.5	44	38	88	6.20	< 10	< 1	0.10	90	1.14	905
BB34991	201	202	< 0.2	2.80	58	< 10	100	0.5	< 2	0.60	< 0.5	40	45	94	6.10	< 10	< 1	0.15	60	1.52	730
BB34992	201	202	< 0.2	2.85	62	< 10	80	0.5	< 2	0.61	< 0.5	26	48	77	5.58	< 10	< 1	0.15	60	1.35	370
BB34993	201	202	< 0.2	3.24	18	< 10	60	1.0	< 2	0.52	< 0.5	49	48	111	6.81	10	< 1	0.16	90	1.76	850
BB34994	201	202	< 0.2	3.06	16	< 10	60	1.0	< 2	0.63	< 0.5	35	46	55	6.20	< 10	< 1	0.17	80	1.63	660

CERTIFICATION: _____



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CERTIFICATE OF ANALYSIS A9928422

SAMPLE	PREP		Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
	CODE		ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
BB34955	201	202	1	0.02	34	820	16	0.05	< 2	3	13	0.04	< 10	< 10	37	< 10	98
BB34956	201	202	2	0.01	68	570	58	0.07	< 2	9	43	0.10	< 10	< 10	81	< 10	192
BB34957	201	202	1	0.02	53	800	24	0.05	< 2	6	31	0.11	< 10	< 10	67	10	140
BB34958	201	202	3	0.01	64	930	18	0.05	< 2	6	38	0.10	< 10	< 10	58	20	142
BB34959	201	202	3	< 0.01	67	1140	28	0.06	< 2	7	49	0.07	< 10	< 10	68	< 10	150
BB34960	201	202	3	< 0.01	62	830	18	0.05	< 2	8	35	0.09	< 10	< 10	73	20	184
BB34961	201	202	1	0.01	35	720	6	0.03	< 2	3	37	0.02	< 10	< 10	22	< 10	76
BB34962	201	202	1	0.01	38	700	16	0.08	< 2	4	132	0.07	< 10	< 10	25	10	92
BB34963	201	202	1	< 0.01	39	620	10	0.04	< 2	4	39	0.07	< 10	< 10	35	10	80
BB34964	201	202	2	0.02	44	720	18	0.06	< 2	6	138	0.04	< 10	< 10	29	10	108
BB34965	201	202	1	0.03	37	600	8	0.01	< 2	4	99	0.05	< 10	< 10	22	< 10	86
BB34966	201	202	1	< 0.01	32	440	10	0.03	< 2	2	14	0.03	< 10	< 10	31	< 10	78
BB34967	201	202	1	< 0.01	25	680	8	0.05	< 2	1	21	0.01	< 10	< 10	26	< 10	62
BB34968	201	202	1	< 0.01	42	560	30	0.03	< 2	3	13	0.01	< 10	< 10	21	< 10	136
BB34969	201	202	1	< 0.01	62	640	18	0.02	< 2	4	43	< 0.01	< 10	< 10	20	30	110
BB34970	201	202	1	0.01	62	920	16	0.05	< 2	4	45	0.03	< 10	< 10	29	< 10	114
BB34971	201	202	1	0.05	53	560	8	0.05	< 2	6	395	0.07	< 10	< 10	32	< 10	124
BB34972	201	202	< 1	0.03	55	540	12	0.06	< 2	5	398	0.03	< 10	< 10	27	< 10	104
BB34973	201	202	1	0.02	57	770	14	0.02	< 2	6	92	0.03	< 10	< 10	31	< 10	116
BB34974	201	202	1	0.06	62	660	10	0.04	< 2	7	239	0.06	< 10	< 10	36	< 10	128
BB34975	201	202	< 1	0.01	48	780	10	0.06	< 2	3	24	0.01	< 10	< 10	25	< 10	100
BB34976	201	202	1	0.01	65	700	14	0.03	< 2	5	65	0.01	< 10	< 10	24	10	114
BB34977	201	202	1	< 0.01	32	630	12	0.03	< 2	2	11	0.03	< 10	< 10	31	< 10	82
BB34978	201	202	1	< 0.01	30	630	14	0.05	< 2	4	69	0.03	< 10	< 10	30	< 10	70
BB34979	201	202	3	< 0.01	33	850	6	0.09	< 2	1	30	0.01	< 10	< 10	16	50	74
BB34980	201	202	1	< 0.01	46	600	10	0.04	< 2	2	25	0.01	< 10	< 10	14	< 10	90
BB34981	201	202	2	0.03	20	600	2	0.04	< 2	1	26	0.04	< 10	< 10	21	30	48
BB34982	201	202	1	< 0.01	35	510	12	0.03	< 2	2	21	0.03	< 10	< 10	30	< 10	74
BB34983	201	202	1	0.01	54	610	6	0.12	< 2	3	42	< 0.01	< 10	< 10	18	< 10	80
BB34984	201	202	1	0.01	63	840	18	0.04	< 2	9	46	0.09	< 10	< 10	84	< 10	164
BB34985	201	202	2	0.05	122	550	12	0.11	< 2	9	58	0.14	< 10	< 10	52	< 10	204
BB34986	201	202	2	0.01	56	1090	24	0.04	< 2	7	33	0.05	< 10	< 10	63	10	236
BB34987	201	202	1	0.01	47	920	22	0.04	< 2	7	34	0.06	< 10	< 10	60	< 10	214
BB34988	201	202	1	0.02	43	910	18	0.03	< 2	6	20	0.10	< 10	< 10	66	< 10	162
BB34989	201	202	2	0.02	44	910	18	0.12	< 2	6	135	0.02	< 10	< 10	23	< 10	94
BB34990	201	202	5	0.01	98	620	10	0.07	< 2	8	44	0.01	< 10	< 10	40	< 10	136
BB34991	201	202	8	0.01	91	880	10	0.07	< 2	7	44	0.03	< 10	< 10	69	< 10	162
BB34992	201	202	4	0.03	61	910	10	0.07	< 2	6	47	0.04	< 10	< 10	57	< 10	130
BB34993	201	202	7	0.02	108	840	8	0.08	< 2	6	55	0.02	< 10	< 10	67	< 10	148
BB34994	201	202	4	0.01	78	610	18	0.05	< 2	6	70	0.02	< 10	< 10	54	< 10	182

CERTIFICATION:



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
BOX 4127, 2054 SECOND AVE.
WHITEHORSE, YT
Y1A 3S9

Project : FP-LIGHT
Comments:

Page Number : 3-A
Total : 3
Certificate Date : 22-SEP-1999
Invoice No. : 19928422
P.O. Number :
Account : MPO

CERTIFICATE OF ANALYSIS A9928422

SAMPLE	PREP CODE		Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
			ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
BB34995	201	202	< 0.2	2.23	18	< 10	60	0.5	< 2	0.94	< 0.5	30	35	70	4.66	< 10	< 1	0.13	50	1.21	470

CERTIFICATION: 



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212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

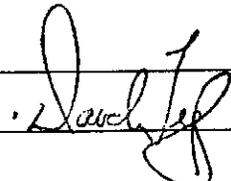
To: EXPATRIATE RESOURCES LTD.
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WHITEHORSE, YT
Y1A 3S9

Project: FP-LIGHT
Comments:

Page Number: 3-B
Total: 3
Certificate Date: 22-SEP-1999
Invoice No.: 19928422
P.O. Number:
Account: MPO

CERTIFICATE OF ANALYSIS A9928422

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
BB34995	201	202	3	0.01	51	1010	14	0.10	< 2	5	78	0.03	< 10	< 10	42	< 10	116

CERTIFICATION: 



Chemex Labs Ltd.

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British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

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WHITEHORSE, YT
Y1A 3S9

Project : FP-LIGHT
Comments:

Page Number : 1-A
Total : 1
Certificate Date: 22-SEP-1999
Invoice No. : I9928421
P.O. Number :
Account : MPO

CERTIFICATE OF ANALYSIS

A9928421

SAMPLE	PREP CODE		Au ppb	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg
	FA+AA		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	
N112443	205	226	< 5	< 0.2	0.05	76	< 10	< 10	< 0.5	< 2	0.03	< 0.5	12	277	58	1.37	< 10	< 1	0.01	< 10	0.01
N112444	205	226	30	2.0	0.09	5840	< 10	10	< 0.5	160	0.24	< 0.5	4	337	8	0.91	< 10	1	0.05	< 10	< 0.01

CERTIFICATION: _____



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Page Number : 1-B
Total : 1
Certificate Date: 22-SEP-1999
Invoice No. : I9928421
P.O. Number :
Account : MPO

Project : FP-LIGHT
Comments:

CERTIFICATE OF ANALYSIS

A9928421

SAMPLE	PREP CODE		Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
N112443	205	226	40	5	< 0.01	35	< 10	< 2	0.65	< 2	< 1	1	< 0.01	< 10	< 10	2	< 10	2
N112444	205	226	20	6	< 0.01	6	< 10	38	0.17	< 2	< 1	30	< 0.01	< 10	< 10	1	< 10	10

CERTIFICATION:

APPENDIX III
ROCK SAMPLE DESCRIPTIONS

Rock Sample Descriptions

Project: FP Property: FLINT

Sample Number: N112443 Grid North: _____ N Grid East: _____ E Type: FLAT Dimension: 20 x 15 x 10cm
 UTM: _____ N UTM: _____ E Sample Width: _____ Abundance: _____
 Elevation: _____ m

Comments: RUSTY WEATHERING QUARTZ VEIN FLAT WITH VUGGY OXIDE POXS AND DISSEMINATED PYRITE.

Sample Number: N112444 Grid North: _____ N Grid East: _____ E Type: _____ Dimension: _____
 UTM: _____ N UTM: _____ E Sample Width: _____ Abundance: _____
 Elevation: _____ m

Comments: YELLOW - WHITE WEATHERING QUARTZ VEIN FLAT. MINERALISED WITH BLEBBY ARSENOPYRITE AND TRACE GALENA.

Sample Number: _____ Grid North: _____ N Grid East: _____ E Type: _____ Dimension: _____
 UTM: _____ N UTM: _____ E Sample Width: _____ Abundance: _____
 Elevation: _____ m

Comments: _____

Sample Number: _____ Grid North: _____ N Grid East: _____ E Type: _____ Dimension: _____
 UTM: _____ N UTM: _____ E Sample Width: _____ Abundance: _____
 Elevation: _____ m

Comments: _____

Sample Number: _____ Grid North: _____ N Grid East: _____ E Type: _____ Dimension: _____
 UTM: _____ N UTM: _____ E Sample Width: _____ Abundance: _____
 Elevation: _____ m

Comments: _____

Sample Number: _____ Grid North: _____ N Grid East: _____ E Type: _____ Dimension: _____
 UTM: _____ N UTM: _____ E Sample Width: _____ Abundance: _____
 Elevation: _____ m

Comments: _____

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

Box 4127, Whitehorse, Yukon Y1A 3S9

Telephone: (867) 667-4415

Fax: (867) 667-4622

AFFIDAVIT

I, Joan Mariacher, of VANCOUVER, B.C. make oath and say:

That to the best of my knowledge the attached Statement of Expenditures for exploration work on the LIGHT 1-41 mineral claims on Claim Sheet 105616 is accurate.

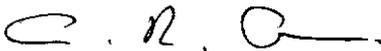



Joan Mariacher

Sworn before me at VANCOUVER, B.C.

this 12TH day of

APRIL, 2000



Notary, Yukon Territory

LIGHT 1-41 CLAIMS
Statement of Expenditures
April 12, 2000

Labour

A. Archer, geologist - September - 1 hr @ \$66/hr	\$ 70.62
R. Carne, geologist - September - 17 hrs @ \$56/hr	1,018.64
B. Wengzynowski - geologist - September - 8 hrs @ 43/hr	368.08
- April 2000 - 16 hrs @ \$60/hr.....	1,027.20
G. Downs - field assistant - September - 1 day @ \$210/day.....	224.70
K. Dunfield - field assistant - September - 1 day @ \$165/day	<u>176.55</u>
	\$2,885.79

Expenses

Field room and board - 5 days @ \$115/day.....	\$ 615.25
Trans North, Bell 206B - 2.8 hrs @ \$700/hr, plus fuel	2,336.28
Chemex Labs.....	<u>663.95</u>
	\$3,615.48
TOTAL	<u>\$6,501.27</u>

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

In Account With

Project FINLAYSON PROJECT
Date SEPTEMBER 30, 1999

LABOUR				
Field	A. ARCHER - 22 HRS AT 66/HR	(LIGHT-66)	1452.00	
	R. CARNE - 17 HRS AT 56/HR	(LIGHT)	952.00	
	D. EATON - 107 HRS AT 56/HR		5992.00	
	B. WENZELNOWSKI - 113 HRS AT 43/HR	(LIGHT-344)	4859.00	
	B. GAY - 19 DAYS AT 247.50/DAY		4702.50	
	G. DOWNS - 4 DAYS AT 210/DAY		840.00	
	K. DUNFIELD - 11 DAYS AT 165/DAY		1815.00	
Office	M. COOKE - 2 HRS AT 36.70/HR	(LIGHT-36.70)	73.40	
Accounting and Expediting	A. BELLING - 9 1/4 HRS AT 46/HR		437.00	
	J. MARIACHER - 36 1/4 HRS AT 46.67/HR		1703.46	22826.36
OTHER SERVICES				
	Room & Board in Whitehorse 13 DAYS AT 60/DAY		780.00	
	Field equipment from AC stock		594.75	
	Printing Photocopies 157 @ .25		38.00	
	Rentals from AC SEPT 1-4 - 3 MAC SCOPES AT 2/DAY		8.00	
	SEPT 1-19 - 50X 11 AT 10/DAY + 2 COMS AT 6.67/DAY TOTAL + 16RS AT 7.67/DAY + HONDA 1000 GENSET AT 5/DAY		557.46	
Drafting	19 1/4 hrs at \$36 /hr.		702.00	
	LOOMIS COURIEL - 1 AT 13.50 EA		13.50	2695.21
EXPENSES				
	Petty Cash 66.36 DV		66.36	
	Telephone 31.48 + 15.13		46.61	
	D. EATON EXPENSES - 74.94 DV + 15.89 DV + 14.19 DV + 29.23 DV + 44.86 DV		179.11	
	INTEGRAPHIX		24.95	
	BUILDERS SUPPLYLAND		317.05	
	EILEEN'S PLACE - 94.75 + 41.11		135.86	
	PNT TRANSPORTATION - 46.45 + 39.08		85.53	
	CORPORATE EXPRESS - 2.04 + 12.85		14.89	
	CAIL - 19.90 + 19.90		39.80	
	SUNRISE SERVICE		206.00	
	WELCOME MN - 95.00 + 285.00		380.00	
	TRANS NORTH HELICOPTER		740.71	
	ATLAS TRAVEL		43.17	
	MAC'S FIREWOOD		96.13	
	NORCAN LEASING		1889.07	
	SECOND AVENUE SHELL		161.79	4426.60
MANAGEMENT	6% - ON EXPENSES		265.60	
	- ON FIELD AK		1198.69	1464.29
				3140.46
GST (R100247667)	7% ON 3140.46			2198.73

E=GST exempt

33609.19



REMIT PAYMENT TO:
TRANS NORTH HELICOPTERS
 TRANS NORTH TURBO AIR LTD.
 20 NORSEMAN ROAD • WHITEHORSE • YUKON • Y1A 6E6
 TELEPHONE (867) 668-2177 FAX (867) 668-3420

ARCHER CATARO

CHARTERER

Expatriate Resources

BILLING ADDRESS

Box 4127 Whitehorse Y.T. Y1A-3S9

ACCOUNT NUMBER	ARCHEXP		
INVOICE NUMBER	24187		
INVOICE DATE			AREA
09/09/99			B.C. <input type="checkbox"/>
			YUKON <input type="checkbox"/>
			NW.T. <input type="checkbox"/>
			ALTA. <input type="checkbox"/>
A/C TYPE	AIRCRAFT REGISTRATION C		
206	GF18D		
FLIGHT DATE	DAY	MONTH	YEAR
010999			
PURCHASE ORDER NO.			

FUEL & OIL-X	TNTA FUEL USED	HRS./LTRS	FROM
1	YDM	2.8	

FROM	UP/DOWN TIME	HOURS	REMARKS - NO. OF PASS - FREIGHT Kg
YDM			
TO BILLS CAMP			
LIGHT PROPERTY		1.3	
MOUG		.2	
BILLS CAMP			
YDM		1.3	

1/2 FP-LIGHT

SUB	G.L.	AMOUNT			
1607502		1960.00	2.8	@ 700.00	1960.00
1600131		223.44		@	
0000323		152.84		FUEL 319.20 @ .70 / LITRE	223.44

TERMS: PAYABLE UPON RECEIPT OF INVOICE.
 2% INTEREST PER MONTH (24% PER ANNUM) WILL BE CHARGED ON ALL OUTSTANDING AMOUNTS OVER 30 DAYS.
 IF INTEREST IS NOT PAID, FUTURE FLIGHTS WILL BE ON A CASH BASIS.

X *[Signature]*
 CHARTERER'S SIGNATURE

CHARTERER'S NAME (PRINTED):

INITIALS: *GMS*
 PILOTS SIGNATURE: *[Signature]*
 ENGINEER'S NAME: *MARK*

HOLDING TIME:	@	/ HR.	
MEALS & LODGINGS	@	/ LITRE	
OTHER			
OTHER			
SUB TOTAL			2183.44
GOODS & SERVICES TAX			152.84 X
REGISTRATION NO. R121483135			

TOTAL \$ 2336.28

CARRIAGE SUBJECT TO TERMS OF PUBLISHED TARIFF.
 TARIFF AVAILABLE TO PUBLIC VIEW AT TRANS NORTH OFFICE.

THIS IS YOUR ONLY INVOICE - PAY UPON RECEIPT



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATRO & ASSOCIATES (1981) LIMITED
BOX 4127, 2054 SECOND AVE.
WHITEHORSE, YT
Y1A 3S9

INVOICE NUMBER **I 9 9 2 8 4 2 1**

BILLING INFORMATION

Date: 22-SEP-1999
 Project: FP-LIGHT *JK*
 P.O. No.:
 Account: MPO

Comments:

Billing: For analysis performed on
Certificate A9928421

Terms: Payment due on receipt of invoice
1.25% per month (15% per annum)
charged on overdue accounts

Please Remit Payments to:

CHEMEX LABS LTD.
 212 Brooksbank Ave.,
 North Vancouver, B.C.
 Canada V7J 2C1

# OF SAMPLES	ANALYSED FOR CODE - DESCRIPTION	UNIT PRICE	SAMPLE PRICE	AMOUNT
2	205 - Geochem ring to approx 150 mesh ICP-32 0-3 Kg crush and split	2.60 7.40 2.60		
	983 - Au ppb FA+AA	10.25	22.85	45.70
Total Cost \$				45.70
Client Discount (25%) \$				-11.43
Net Cost \$				34.27
(Reg# R100938885) GST \$				2.40
TOTAL PAYABLE (CDN) \$				36.67



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INVOICE NUMBER

I 9 9 2 8 4 2 2

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Date: 22-SEP-1999
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P.O. No.:
Account: MPO

Comments:

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Certificate A9928422

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1.25% per month (15% per annum)
charged on overdue accounts

Please Remit Payments to:

CHEMEX LABS LTD.
212 Brooksbank Ave.,
North Vancouver, B.C.
Canada V7J 2C1

# OF SAMPLES	ANALYSED FOR CODE - DESCRIPTION	UNIT PRICE	SAMPLE PRICE	AMOUNT
81	201 - Dry, sieve to -80 mesh	1.35		
	202 - save reject	0.90		
	ICP-32	7.40	9.65	781.65
Total Cost \$				781.65
Client Discount (25%) \$				<u>-195.41</u>
Net Cost \$				586.24
(Reg# R100938885) GST \$				<u>41.04</u>
TOTAL PAYABLE (CDN) \$				627.28