

GEOCHEMICAL AND GEOPHYSICAL  
REPORT ON THE  
**KAREN AND LYDIA A-F CLAIMS**  
WATSON LAKE MINING DISTRICT  
YUKON TERRITORY

LOCATION

N.T.S.: 105-B-1W  
LATITUDE: 60°00'40"N.  
LONGITUDE: 130°20'30"W.

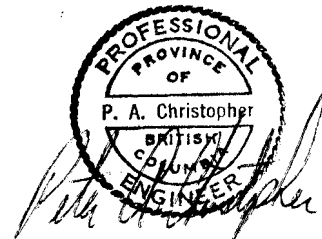
FOR

JANTAR RESOURCES CORPORATION  
#710 - 475 HOWE STREET  
VANCOUVER, BRITISH COLUMBIA V6C 2B3

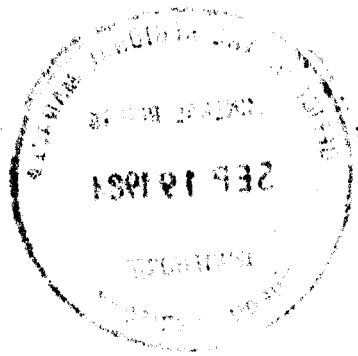
PREPARED BY

Peter A. Christopher, Ph.D., P.Eng.  
PETER CHRISTOPHER & ASSOCIATES INC.  
3707 WEST 34TH AVENUE  
VANCOUVER, BRITISH COLUMBIA V6N 2K9

091556



JULY 25, 1984



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 \$ 2,874.00.

*D. D. Emmond*

*for* Regional Manager, Exploration and  
Geological Services for Commissioner  
of Yukon Territory.

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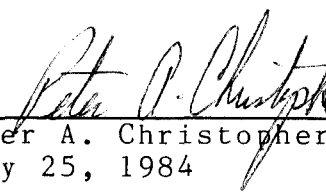
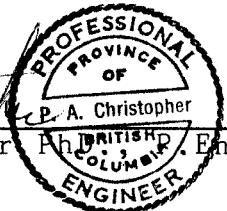
FIGURE 1.	LOCATION MAP
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SUMMARY

The Karen and Lydia A-F claims were acquired to cover open ground between the main Lydia-Flo property and the gas pipeline corridor. The Lydia-Flo claim group adjoins the YP property of Butler Mountain Minerals Corporation and is situated about 2 kilometers west of Regional Resources Ltd. (Canamax-Procan) "Midway" property. The Karen and Lydia A-F claims have similar geological setting to mineralized zones on the nearby properties, but heavy overburden makes reliance on geochemical and geophysical methods necessary during the early exploration stages. The initial reconnaissance geochemical and magnetic program on the Karen and Lydia A-F has located lead, zinc and silver anomalies that warrant follow up. Geochemical results for the Karen claims was very encouraging but the Lydia A-F had only moderately anomalous results. Further work on the Karen claims should be included as part of the Stage II program recommended for the Lydia-Flo property. Magnetic, VLF-EM and further geochemical lines should be run on the Karen claims. Encouraging geochemical or geophysical trends must be located to justify additional work on the Lydia A-F.

  
Peter A. Christopher Ph.D.  Eng.  
July 25, 1984

## INTRODUCTION

The Karen 1 Fr and 2Fr, and Lydia A-F claims are situated adjacent to the Alaska Highway gas pipeline corridor as it existed before June 29, 1984. The claims are north and west of the Tootsee Lake Road in the Watson Lake Mining District, Y.T. Peter Christopher & Associates Inc. was retained by Jantar Resources Corporation to conduct a preliminary geochemical and geophysical program on the claims. Field examinations of the Karen claim area were conducted on June 24th and 25th, 1984. Peter A. Christopher Ph.D., P.Eng. and Gary Medford Ph.D. supervised the exploration program.

The claim area is of interest because it occupies a similar geological setting to the nearby "Midway" silver-zinc-lead deposits and barite deposits of Regional Resources Ltd. (Canamax-Procan) and the YP silver-lead-zinc-gold prospect of Butler Mountain Minerals Corp. Silver-lead-zinc veins occur in granitic rocks on the nearby Klondike Silver property and several molybdenum, tungsten and tin prospects occur in the area (see Figures 1,2 and 4).

The writer has based this report on a review of government and company reports on the area, on the geochemical and geophysical exploration program conducted on June 24th and 25th, 1984 on programs or examinations conducted or supervised by the writer on several adjacent or nearby properties, and on the results of the geochemical and geophysical program conducted in 1983 on the Lydia and Flo claims. This report summarizes the results of the geochemical and geophysical survey, and provides recommendation for further exploration of the Karen and Lydia A-F claims.

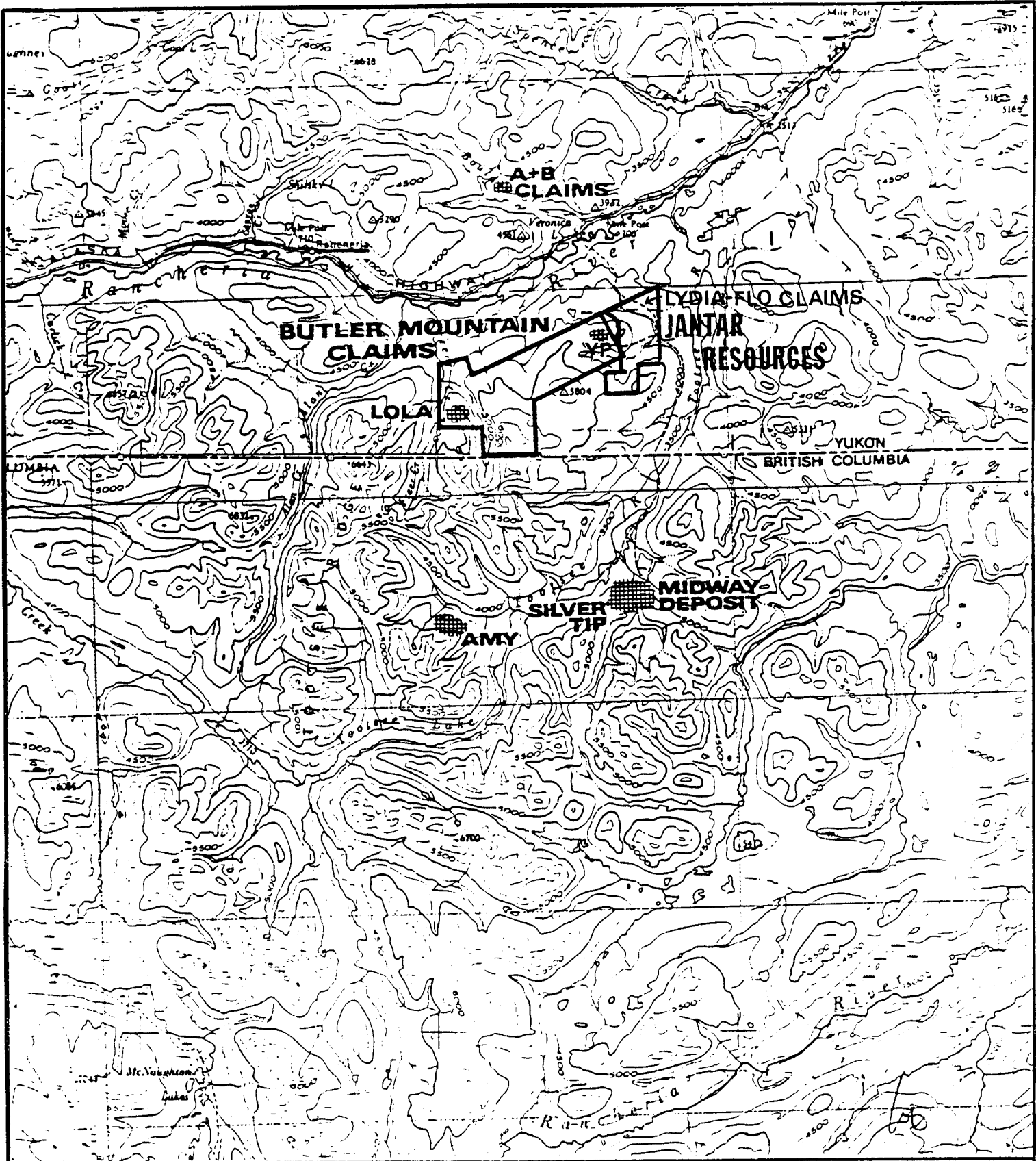
## LOCATION AND ACCESS (FIGURES 1,2 & 3)

The Lydia and Karen claims are situated about 4.5 kilometers southwest of the junction of the Rancheria and Tootsee Rivers (Figure 1). Mile post 700 on the Alaska Highway is about four kilometers north of the property. Rancheria, at mile post 710, is 14 kilometers west of the property and Watson Lake, at mile post 635, is about 105 kilometers east of the property (Figure 2). Four wheel drive access to the property is possible from mile post 701 by fording the Rancheria River and driving the Tootsee River Road to an access road for the YP property at the southern edge of the main Lydia claim block. Easy walk in access is possible from the Tootsee River road to the north east corner of the Lydia claims. A bridge crossing the Rancheria River at mile post 706 connects with the Tootsee River road and can be used during periods of high flow. An alternate, rough route via Freer Creek has recently been developed.

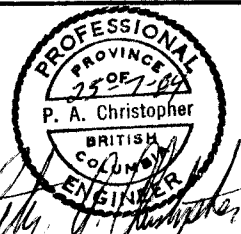
Meals, lodging and gas can be obtained at the Rancheria Motel. Most supplies and services are available at Watson Lake, a center served by scheduled C.P. Air flights from Vancouver and Edmonton.

## PHYSIOGRAPHY AND TOPOGRAPHY

Elevations on the claims range from about 3500 feet (1067 meters) on Lydia C to over 4100 feet (1250 meters) on the Karen claims. The claims have moderate relief of about 2000 meters. Most of the outcrops in the area occur above 1400 meters. Road building is possible in nearly all areas of the property.



**LOCATION & ACCESS**



**FIG.1**



## PROPERTY DEFINITION

The Karen 1Fr, Karen 2Fr and Lydia A, B, E, and F were staked to cover open ground that existed between the northern-most Lydia claims and the pipeline corridor as it existed in September 1983. The claims were staked by Gary A. Medford, project geologist on the Lydia-Flo property. The claims can cover a maximum area of about 310 acres (125 hectares) which is reduced by overlap of the pipeline corridor and previous claims. Identification tags were placed on the posts during the work program and all the claims are now tagged. Figure 3 is an index map for the claims and pertinent claim data is summarized in Table I.

Table I. Pertinent Claim Data

<u>CLAIM NAME</u>	<u>STAKER</u>	<u>DATE STAKED</u>	<u>RECORD #</u>	<u>EXPIRY DATE</u>
LYDIA A - B	G.A. MEDFORD	8 SEPT. 1983.	YA70408-09	19 SEPT. 1984
LYDIA E - F	G.A. MEDFORD	11 SEPT. 1983	YA70411-12	19 SEPT. 1984
KARTEN 1FR-2FR	G.A. MEDFORD	25 SEPT. 1983	YA70577-78	28 SEPT. 1984

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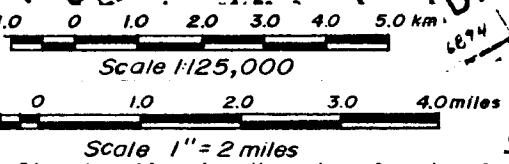
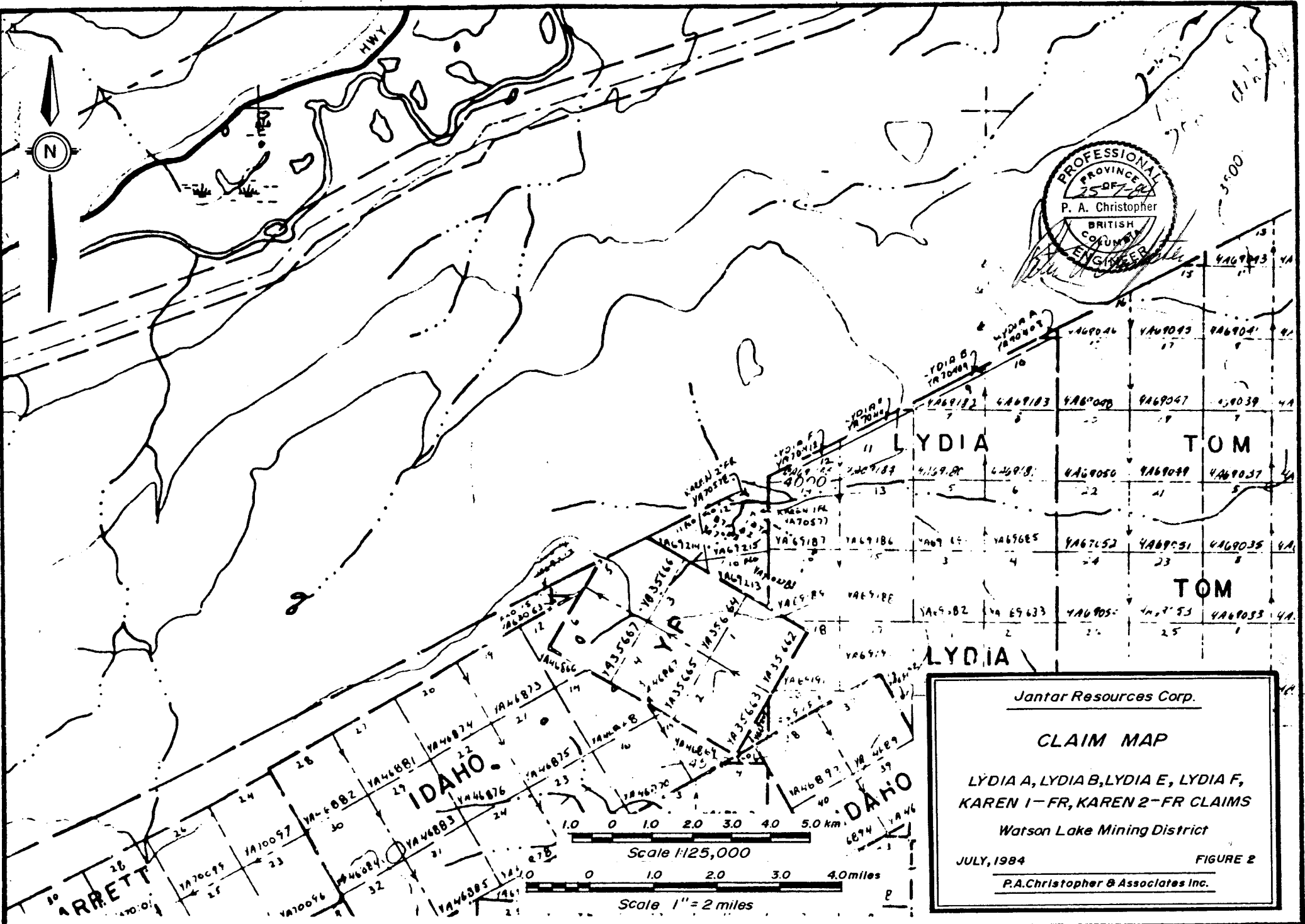
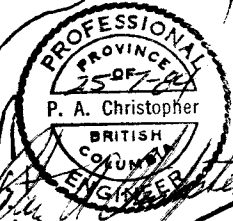
## WORK PROGRAM

The field program was conducted on June 24th by Peter A. Christopher and Gerry Hayne and on June 25th by Gary Medford, Gerry Hayne and W. G. Batycki. Thirty seven soil and sediment samples were collected from the Karen claims with two line spaced at 100 meters and samples at 30 meters. Thirty four soil and sediment and one rock sample were collected from the Lydia A-F. Samples were shipped to Chemex Labs Ltd. in North Vancouver, B.C. for analysis for copper, lead, zinc, silver and molybdenum. Alternate soil and sediment samples were analyzed for gold and the rock sample was checked for fluorine and manganese. Magnetic readings were measured along about 2.5 km of chained and flagged lines on the Lydia claims.

## HISTORY

The Karen and Lydia A-F claims were staked by G.A. Medford and G. Hayne in September 1983 to cover open ground between the Lydia-Flo property and the pipeline corridor. The claims are part of the Lydia-Flo property but are still registered in the stakers name.

Early discoveries in the Tootsee River Area (Gem (Marbaco, Amy or Rancheria Mine), Klondike Silver, YP) followed improved access resulting from construction of the Alaska Highway in the 1940s. Government prospector grubstakes were used in 1955 by the discoverers of the Silvertip prospect. Several major and junior mining companies including Conwest, Canex and Bralorne worked on the Silvertip prospect but were unable to develop an economic mineral deposit. Cassiar (now Brinco) acquired ground near the Silvertip prospect because of anomalous stream sediment results reported by the government in 1979. Regional Resources Ltd. selected the area as a prospecting target because the geological setting was favourable for shale-hosted mineral



Jantar Resources Corp.

**CLAIM MAP**

LYDIA A, LYDIA B, LYDIA E, LYDIA F,  
KAREN 1-FR, KAREN 2-FR CLAIMS

Watson Lake Mining District

JULY, 1984 FIGURE 2

P.A. Christopher & Associates Inc.



deposits. The location of barite in a shale environment was recognized in 1980 and follow-up prospecting of silt geochemical anomalies located surface indications of the Midway shale-hosted deposits. The shale-hosted model restricted exploration to the Sylvester Group sedimentary rocks and the early stakers rushed to cover this unit (Figure 3). The Zam claim area is partly underlain by the favourable rock type and was staked in 1983 to test Sylvester Group sedimentary rocks for "Midway" type deposits.

At the completion of the 1983 exploration program, Regional Resources Ltd. and partners estimated geological reserves for the Midway deposits at 4.3 million tons grading 10.5 ounces of silver per ton, 12.2% zinc and 5.5% lead. Butler Mountain Minerals Corp. has reported 1983 drill intersections with gold in a breccia as well as silver-zinc-lead replacement bodies at the YP prospect. Regional Resources Ltd. 1984 drill results on the Midway deposits indicated the presence of significant gold mineralization.

#### REGIONAL GEOLOGY (FIGURE 4)

The claim area is situated near the eastern flank of the Cassiar batholith which extends over 300 km southeasterly from the Wolf Lake map sheet in the Yukon Territory to the Kechika map area in British Columbia. In the Jennings River, Cassiar-McDame and southern part of the Wolf Lake map area, the eastern flank is underlain by Paleozoic rocks from Cambrian to Carboniferous in age and separable into two or more contrasting assemblages, some of which have been deposited elsewhere and moved into place along flat lying fault zones.

Rocks are described by Poole (G.S.C. Map 10-1960) and by Gabrielse (G.S.C. Paper 68-55, 1968). A synthesis of the regional geology is given in Figure 4 along with locations of several prospects in the area.

#### PROPERTY GEOLOGY (PLATE 2)

Only one limestone outcrop was found on the Lydia F claim and limited outcrop is found on the entire Lydia-Flo property. The exposure of medium grey to dark grey limestone was sampled for rock geochemical analysis but geochemical values obtained are low. Higher magnetic values (625 gammas) occur in the area of the limestone outcrop. Mapping by the G.S.C. designates the units underlying the Lydia as Cambrian age based on fossil evidence.

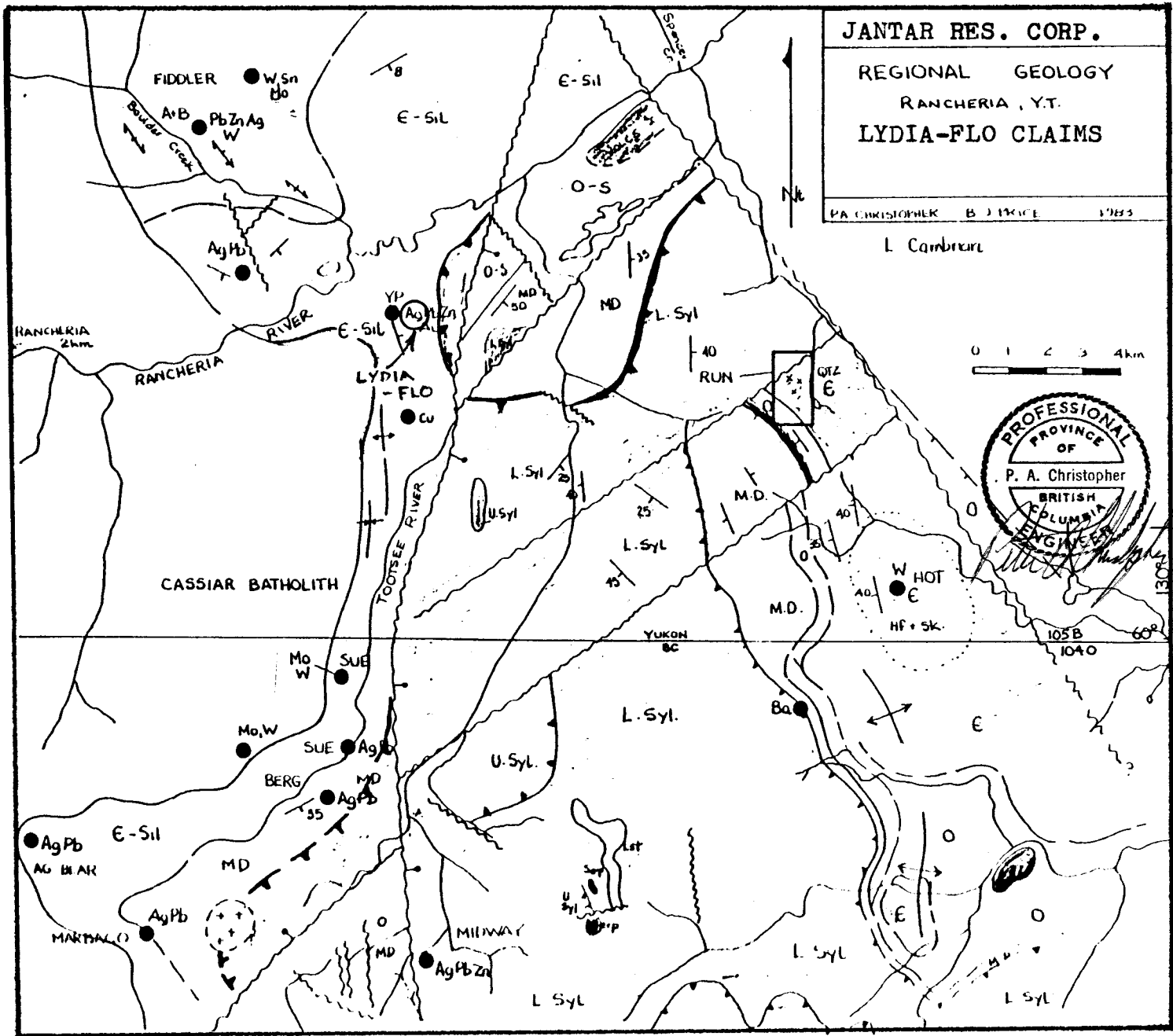


FIG:4

## MINERAL DEPOSITS IN THE AREA (FIGURES 1, 2, & 4)

The most significant development in mineral exploration in the southern Yukon Territory and northern British Columbia in the last few years is the discovery of stratiform silver-lead-zinc mineralization within "exhalite" massive sulphide and silica barite horizons in the lower portion of the Mississippian-Devonian Sylvester Group. The discovery by Regional Resources Ltd. and partners Canamax and Procan reevaluation of geological data concerning mineral showings adjacent to Regional Resources "Midway" property.

Several silver-lead-zinc+ gold deposits in Cambrian to Middle Devonian strata (Amy, YP, A+B, Sue) and in high grade veins within the Cassiar Batholith (Klondike Silver). Stratiform barite has been found on the Midway property and skarn tungsten-molybdenum mineralization has been found on the Hot claims, Fiddler and Sue prospects. Tin mineralization has been noted at the Midway deposits and Fiddler prospect.

The Midway deposits of Regional Resources contain the most significant reserves in the area. The George Cross News Letter reported that, "Preliminary 1984 calculations show a considerable increase in geological reserves and grades to 5,425,150 short tons grading 11.39 oz. silver/ton with 12.28% zinc and 6.36% lead, or 18.64% lead and zinc combined." (G.C.N.L. No. 120, 1984)

## GEOPHYSICAL SURVEY

Magnetometer readings were collected at 50 meter intervals along east-west and north-south lines on the Lydia A-F claims. A total of about 2.5 line kilometers were surveyed. A Sintrex MP 2 proton precession magnetometer with the sensor in the pack mounted position was used.

Magnetic values plotted on Plate 2 vary from 188 gammas at east end of the survey line to 625 gammas at the west end on Lydia F. The property appears to have over 400 gammas of magnetic relief. If the single low value of 188 gammas is considered spurious then magnetic relief is reduced to 150 gammas. The higher magnetic values occur in the area of a limestone outcrop in the westerly part of the area surveyed. Pyrrhotite occurs with mineralization at some of the YP showings on the adjacent property. Additional survey lines may detect similar mineralization on the Lydia-Flo property.

## GEOCHEMICAL SURVEY

A total of 37 soil and sediment samples were collected at 30 meter intervals along 100 meter spaced lines on the Karen claims. A total of 34 soil and sediment samples were collected at 50 meter intervals on the Lydia A - F. Samples were shipped to Chemex Labs Ltd. in North Vancouver, B.C. for copper, lead, zinc, silver and molybdenum analysis with alternate samples analyzed for gold. Sample locations, site numbers and geochemical results are plotted on Plate 1. Copies of

certificates of analysis are presented in Appendix B.

Results for copper, molybdenum and gold are all background values and discussion of these results are not necessary. Background, moderately anomalous and anomalous values for lead, zinc and silver were based on a larger survey conducted on the Lydia-Flo property.

Silver geochemical values vary from the 0.1ppm detection limit to 1.5ppm with values over 0.5ppm considered to be of interest and values over 0.9ppm considered anomalous. A total of 10 silver values are of interest with two values considered to be anomalous. Eight of the ten values of interest and the two anomalous samples are from the Karen claims.

Lead values vary from 3ppm to 230ppm with values over 59 considered to be of interest and values over 89 considered to be anomalous. Eighteen values are of interest with two anomalous lead values. All values of interest are from the Karen claims.

Zinc values vary from 30ppm to 480ppm with values over 199 considered to be of interest and values over 279ppm considered to be anomalous. Eighteen values are of interest with eight values considered anomalous. Seventeen of the values of interest and all of the anomalous values are from the Karen claims.

#### DISCUSSION OF THE CLAIMS

Geochemical and geophysical results from the Karen and Lydia A-F claims suggests increase in both geochemical and magnetic values from east to west. Geochemical values from the Karen claims show strong anomalous tendency that required follow up with additional survey lines. Magnetic and VLF-EM surveys should also be conducted over the Karen claims. The initial values for the Lydia A-F do not justify follow up unless anomalous trends are located on adjacent claims. The proximity of interesting showing on the YP property is justification for maintaining mineral title to both the Lydia A-F and Karen claims.

#### CONCLUSIONS AND RECOMMENDATIONS

The initial survey has produced anomalous geochemical results for silver, lead and zinc for soils from the Karen claims but only a few interesting numbers from the Lydia A-F. Magnetic values have relief of over 400 gammas which can be used to aid geological interpretation and justifies further magnetic measurement which might locate sulphide bodies containing pyrrhotite. Further geochemical and geophysical surveys recommended for the Karen claims should be conducted as part of the Stage 2 program recommended by Medford and the writer (1983) for the Lydia-Flo claims.

BIBLIOGRAPHY

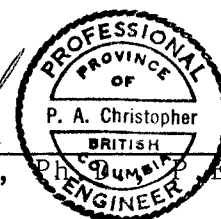
- Gabrielse, H., 1969. Geology of the Jennings River Map-Area. GSC Paper 68-55, 37pp.
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- Medford, G.A. and Christopher, P.A., 1983. Geological, geochemical, and geophysical report Lydia and Flo Claims. Assessment Rept. for Jantar Resources Corp.
- McIntyre, D.G., 1982. Midway occurrence. Geological Fieldwork, 1982. BCDM Paper 1982-1, pp. 162-166.
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- Price, B.J., 1983. Geological report Lydia and Flo Claims, Rancheria Area, Yukon. for Jantar Resources Corp. Feb. 14, 1983.
- Poole, W.H., et al, 1960. Wolf Lake Map Area, Yukon Territory. GSC Map 10-1960.
- Richardson Greenshields Canada Ltd., 1982. Reginal Resources Ltd., Canadian Research Report, 4pp.

CERTIFICATE

I, Peter A. Christopher, with business address at 3707 West 34th Avenue, Vancouver, British Columbia, do hereby certify that:

- 1) I am a consulting geological engineer registered with the Association of Professional Engineers of British Columbia since 1976.
- 2) I am a Fellow of the Geological Association of Canada and a member of the Society of Economic Geologist.
- 3) I hold a B.Sc. (1966) from the State University of New York at Fredonia, a M.A. (1968) from Dartmouth College and a Ph.D. (1973) from The University of British Columbia.
- 4) I have been practising my profession as a Geologist for over 15 years.
- 5) I have no direct or indirect interest, nor do I expect to receive any interest directly or indirectly in the property or securities of Jantar Resources Corporation.
- 6) I have based this report on available geological data on the property and adjacent mineral deposits, on a June 24th and 25th, 1984 field program conducted on the claims and on a previous geological, geochemical and geophysical program conducted on the Lydia-Flo property.
- 7) I consent to the use of this report by Jantar Resources Corporation assessment and in any Filing Statement, Statement of Material Facts or Prospectus to be issued by Jantar Resources Corporation.

  
PETER A. CHRISTOPHER, Ph.D. Eng.  
July 25, 1984



APPENDIX A  
COST STATEMENT

Personnel

Peter A. Christopher 3707 W. 24th Ave. Vancouver, B.C.	0.5 days @ \$350ea. Consultant June 24/84	\$ 175
Gerry Hayne 20891 - 44th Ave. Langley, B.C. V3A 5A8	2 days @ \$150ea. Geological Assistant June 24-25/84	300
Gary A. Medford 3582 W. 14th Ave. Vancouver, B.C.	1 day @ \$300 Project Geologist June 25/84	300
W. G. Batycki #4-1776 Francis St. Vancouver, B.C.	1 day @ \$150 Geological Assistant June 25/84	150

ROOM AND BOARD 4.5 man days @ \$50ea. 225

Transportation

4 x 4 truck shipping	2 days @ \$100ea.	200 40
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Geochemical Analyses @ cost + 10% 699

Field Supplies 40

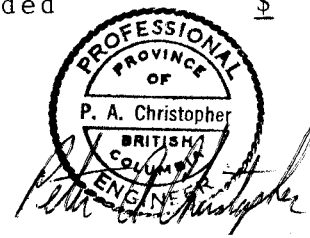
Telephone 15

Report Preparation

Drafting & Map Reproductions	\$200	
Typing	40	
Copies, binding, printing	60	
Office Supplies	30	
Writing & Management	<u>400</u>	
		<u>730</u>

TOTAL COSTS \$2,874

Recording 4 years ea. @ \$5/\$100 recorded \$ 120



APPENDIX B

CERTIFICATES OF ANALYSIS



# CHEMEX LABS LTD.

212 BROOKSBANK AVE.  
 NORTH VANCOUVER, B.C.  
 CANADA V7J 2C1  
 TELEPHONE: (604) 984-0221  
 TELEX: 043-52597

• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

\*\*\* INVOICE \*\*\*

To : CHRISTOPHER, PETER & ASSOCIATES INC.

Invoice # : I8413155

3707 WEST 34TH AVE.,  
 VANCOUVER, B.C.  
 V6N 2K9

Date : 10-JUL-84  
 P.O. # : NONE  
 Project LYDIA A-F

Invoice for analytical work reported on certificate(s) A8413155-001

Quantity	Analysed for code	description	unit price	amount
17	002 - Cu	ppm		
	003 - Mo	ppm		
	004 - Pb	ppm		
	005 - Zn	ppm		
	006 - Ag	ppm	5.60	95.20
17	002 - Cu	ppm		
	003 - Mo	ppm		
	004 - Pb	ppm		
	005 - Zn	ppm		
	006 - Ag	ppm		
	017 - AU-AA	ppb	10.60	180.20

Sample preparation and other charges :

34	201 - soil + sediment -80 mesh	0.70	23.80
----	--------------------------------	------	-------

TOTAL \$ 299.20

Please pay this amount ----> \$ 299.20

TERMS -- NET 30 DAYS

.5 % per month (18 % per annum) charged on overdue accounts



MEMBER  
 CANADIAN TESTING  
 ASSOCIATION



# CHEMEX LABS LTD.

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CANADA V7J 2C1

TELEPHONE: (604) 984-0221  
TELEX: 043-52597

• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

\*\*\* INVOICE \*\*\*

To : CHRISTOPHER, PETER & ASSOCIATES INC.

Invoice # : 18413154

3707 WEST 34TH AVE.,  
VANCOUVER, B.C.  
V6N 2K9

Date : 10-JUL-84  
P.C. # : MCNE  
Project KAREN

Invoice for analytical work reported on certificate(s) A8413154-001

Quantity	code	description	unit	price	amount
19	002 - Cu		ppm		
	003 - Mo		ppm		
	004 - Pb		ppm		
	005 - Zn		ppm		
	006 - Ag		ppm	5.60	106.40
18	002 - Cu		ppm		
	003 - Mo		ppm		
	004 - Pb		ppm		
	005 - Zn		ppm		
	006 - Ag		ppm		
	017 - AU-AA		ppb	10.60	190.80

Sample preparation and other charges :

37	201 - soil + sediment -80 mesh			0.70	25.90
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TOTAL \$ 323.10

Please pay this amount ----> \$ 323.10

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EMIS -- NET 30 DAYS

.5 % per month (18 % per annum) charged on overdue accounts



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CANADIAN TESTING  
ASSOCIATION



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• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

\*\*\* INVOICE \*\*\*

To : CHRISTOPHER, PETER & ASSOCIATES INC.

Invoice # : I8413156

3707 WEST 34TH AVE.,  
 VANCOUVER, B.C.  
 V6N 2K9

Date : 10-JUL-84  
 P.C. # : NONE  
 Project LYDIA A-F

Invoice for analytical work reported on certificate(s) A8413156-001

Quantity	Analysed for code description	unit price	amount
1	002 - Cu	ppm	
	003 - Mo	ppm	
	004 - Pb	ppm	
	005 - Zn	ppm	
	006 - Ag	ppm	
	011 - Mn	ppm	
	021 - F	ppm	
		10.50	10.50

Sample preparation and other charges :

1	205 - Rock geochem - RING	2.50	2.50
---	---------------------------	------	------

TOTAL \$ 13.00

Please pay this amount ----> \$ 13.00

=====

EPMS -- NET 30 DAYS

• % per month (18 % per annum) charged on overdue accounts



# CHEMEX LABS LTD.

212 BROOKSBANK AVE.  
NORTH VANCOUVER, B.C.  
CANADA V7J 2C1  
TELEPHONE: (604) 984-0221  
TELEX: 043-52597

• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

## CERTIFICATE OF ANALYSIS

TO : CHRISTOPHER, PETER & ASSOCIATES INC.

CERT. # : A8413157-001-A  
INVOICE # : I8413157  
DATE : 10-JUL-84  
P.C. # : NONE  
SK

3707 WEST 34TH AVE.,  
VANCOUVER, B.C.  
V6N 2K9

CC: G.A. MEDFORD

Sample description	Prep code	Pb ppm	Zn ppm	Ag ppm	AU-AA ppb		
SKGM84621-1	201	14	130	0.2	<10	--	--

Certified by *Hart Bichler* .....





# CHEMEX LABS LTD.

212 BROOKSBANK AVE.  
NORTH VANCOUVER, B.C.  
CANADA V7J 2C1

TELEPHONE: (604) 984-0221  
TELEX: 043-52597

• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

## CERTIFICATE OF ANALYSIS

TC : CHRISTOPHER, PETER & ASSOCIATES INC.

CERT. # : A8413154-001-A  
INVOICE # : I8413154  
DATE : 10-JUL-84  
P.C. # : NONE  
KAREN

3707 WEST 34TH AVE.,  
VANCOUVER, B.C.  
V6N 2K9

CC: G.A. MEDFORD

Sample description	Prep code	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	AU-AA ppb
KGH8624-01	201	12	1	80	420	0.3	--
KGH8624-02	201	9	1	50	280	0.2	<10
KGH8624-03	201	4	1	40	94	0.1	--
KGH8624-04	201	7	1	62	136	0.3	<10
KGH8624-05	201	9	1	48	138	0.2	--
KGH8624-06	201	13	1	49	188	0.4	<10
KGH8624-07	201	11	1	42	175	0.5	--
KGH8624-08	201	8	1	63	155	0.3	<10
KGH8624-09	201	11	1	30	200	0.6	--
KGH8624-10	201	12	1	70	205	0.6	<10
KGH8624-11	201	9	1	73	165	0.5	--
KGH8624-12	201	13	1	60	150	0.4	<10
KGH8624-13	201	11	1	58	155	0.5	--
KGH8624-14	201	8	1	58	148	0.3	<10
KGH8624-15	201	9	1	40	213	0.4	--
KGH8624-16	201	23	1	80	350	1.0	<10
KGH8624-17	201	10	1	63	235	0.4	--
KPC8624-01	201	6	1	42	373	0.1	<10
KPC8624-02	201	10	1	230	423	0.9	--
KPC8624-03	201	22	1	85	85	1.5	<10
KPC8624-04	201	5	1	50	50	0.2	--
KPC8624-05	201	12	1	73	213	0.6	<10
KPC8624-05A	201	8	1	50	148	0.3	--
KPC8624-06	201	8	1	130	480	0.2	<10
KPC8624-07	201	13	1	40	125	0.4	--
KPC8624-08	201	10	1	8	60	0.1	<10
KPC8624-09	201	8	1	63	203	0.3	--
KPC8624-10	201	10	1	69	235	0.6	<10
KPC8624-11	201	8	1	85	280	0.3	--
KPC8624-12	201	7	1	40	140	0.1	<10
KPC8624-13	201	4	1	35	98	0.3	--
KPC8624-14	201	6	1	30	118	0.2	<10
KPC8624-15	201	8	1	77	200	0.6	--
KPC8624-16	201	9	1	53	185	0.3	<10
KPC8624-17	201	8	1	74	225	0.3	--
KPC8624-18	201	8	1	40	400	0.1	<10
SLIT 1	201	11	1	46	132	0.4	--

Certified by *Hart Bickler*



MEMBER  
CANADIAN TESTING  
ASSOCIATION



# CHEMEX LABS LTD.

212 BROOKSBANK AVE.  
NORTH VANCOUVER, B.C.  
CANADA V7J 2C1

TELEPHONE: (604) 984-0221

TELEX: 043-52597

• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

## CERTIFICATE OF ANALYSIS

TO : CHRISTOPHER, PETER & ASSOCIATES INC.

3707 WEST 34TH AVE.,  
VANCOUVER, B.C.  
V6N 2K9

CERT. # : A8413155-001-A  
INVOICE # : I8413155  
DATE : 10-JUL-84  
P.C. # : NONE  
LYDIA A-F

CC: G.A. MEDFORD

Sample description	Prep code	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	AU-AA ppb
JG884625-01	201	30	1	16	145	0.9	--
JG884625-02	201	12	1	17	79	0.2	<10
JG884625-03	201	17	1	9	72	0.1	--
JG884625-04	201	26	1	10	85	0.1	<10
JG884625-05	201	21	1	15	90	0.1	--
JG884625-06	201	9	1	4	38	0.1	<10
JG884625-07	201	11	1	15	82	0.2	--
JG884625-08	201	18	1	13	88	0.1	<10
JG884625-09	201	10	1	3	32	0.1	--
JG884625-10	201	15	1	12	80	0.1	<10
JG884625-11	201	11	1	14	100	0.2	--
JG884625-12	201	11	1	26	125	0.1	<10
JG884625-13	201	8	1	14	112	0.1	--
JG884625-14	201	12	1	20	88	0.4	<10
JG884625-15	201	20	1	4	30	0.3	--
JG884625-16	201	10	1	28	135	0.1	<10
JG884625-17	201	6	1	17	115	0.1	--
JG884625-18	201	8	1	17	100	0.1	<10
JG884625-19	201	12	1	12	85	0.1	--
JG884625-20	201	9	1	18	82	0.8	<10
JG884625-21	201	8	1	28	98	0.1	--
JG884625-22	201	8	1	19	110	0.1	<10
JG884625-23	201	7	1	20	90	0.1	--
JG884625-24	201	9	1	18	105	0.1	<10
JG884625-25	201	10	1	38	105	0.1	--
JG884625-26	201	13	1	29	128	0.3	<10
JG884625-27	201	7	1	31	103	0.1	--
JG884625-28	201	11	1	43	183	0.1	<10
JG884625-29	201	9	1	30	100	0.1	--
JG884625-30	201	12	1	30	200	0.1	<10
JG884625-31	201	7	1	35	130	0.1	--
JG884625-32	201	7	1	27	88	0.1	<10
JG884625-33	201	9	1	30	130	0.1	--
JG884625-34	201	7	1	25	150	0.1	<10



MEMBER  
CANADIAN TESTING  
ASSOCIATION

Certified by .....





**KAREN 1-F  
YA70577**

10, 1, 63, 235, 0.4, — 0.17  
 23, 1, 80, 350, 1.0, <10 0.16  
 9, 1, 40, 213, 0.4, — 0.15  
 8, 1, 58, 148, 0.3, <10 0.14  
 11, 1, 58, 155, 0.5, — 0.13  
 13, 1, 60, 150, 0.4, <10 0.12  
 9, 1, 73, 165, 0.5, — 0.11  
 12, 1, 70, 205, 0.6, <10 0.10  
 11, 1, 80, 200, 0.6, — 0.9  
 8, 1, 63, 155, 0.3, <10 0.8  
 11, 1, 42, 175, 0.5, — 0.7  
 13, 1, 49, 188, 0.4, <10 0.6  
 9, 1, 48, 138, 0.2, — 0.5  
 7, 1, 62, 136, 0.3, <10 0.4  
 4, 1, 40, 94, 0.1, — 0.3  
 9, 1, 50, 280, 0.2, <10 0.2  
 12, 1, 80, 420, 0.3, — 0.1

**KAREN 2-F  
YA70578**

180 8, 1, 40, 400, 0.1, <10  
 170 8, 1, 74, 225, 0.3, —  
 160 9, 1, 53, 185, 0.3, <10  
 150 8, 1, 77, 200, 0.6, —  
 140 6, 1, 30, 118, 0.2, <10  
 130 7, 1, 35, 98, 0.3, —  
 120 7, 1, 40, 140, 0.3, <10  
 110 8, 1, 85, 280, 0.3, —  
 100 10, 1, 69, 235, 0.6, <10  
 90 8, 1, 63, 203, 0.3, —  
 80 10, 1, 8, 60, 0.1, <10  
 70 13, 1, 40, 125, 0.4, —  
 60 8, 1, 130, 480, 0.2, <10  
 50 12, 1, 73, 213, 0.6, <10  
 40 5, 1, 50, 148, 0.3, —  
 30 22, 1, 85, 85, 1.5, <10  
 20 10, 1, 230, 423, 0.9, —  
 10 6, 1, 42, 373, 0.1, <10  
 KPC84624

**LYDIA F  
YA70412**

JG684625  
 34  
 7, 1, 25, 150, 0.1, <10  
 33  
 9, 1, 30, 130, 0.1, —  
 32  
 7, 1, 27, 88, 0.1, <10  
 31  
 7, 1, 35, 130, 0.1, —

**LYDIA E  
YA70411**

JGM84625-1R  
 -2R  
 300 12, 1, 30, 200, 0.1, <10  
 290 9, 1, 30, 100, 0.1, —  
 280 11, 1, 43, 188, 0.1, <10  
 270 7, 1, 31, 108, 0.1, —  
 260 13, 1, 29, 128, 0.3, <10  
 250 10, 1, 38, 105, 0.1, —  
 240 9, 1, 18, 105, 0.1, <10  
 230 7, 1, 20, 90, 0.1, —  
 220 8, 1, 19, 110, 0.1, <10  
 210 8, 1, 28, 98, 0.1, —  
 200 9, 1, 18, 82, 0.8, <10  
 190 12, 1, 12, 85, 0.1, —  
 180 8, 1, 17, 100, 0.1, <10  
 170 6, 1, 17, 115, 0.1, —  
 160 10, 1, 28, 135, 0.1, <10  
 150 20, 1, 4, 30, 0.3, —  
 140 12, 1, 20, 88, 0.4, <10  
 130 8, 1, 14, 112, 0.1, —

**LYDIA B  
YA70409**

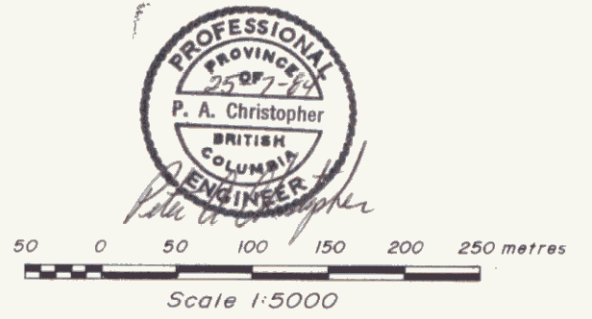
120 11, 1, 26, 125, 0.1, <10  
 111 1, 1, 14, 100, 0.2, —  
 100 15, 1, 12, 80, 0.1, <10  
 90 10, 1, 3, 32, 0.1, —  
 80 18, 1, 13, 88, 0.1, <10  
 70 11, 1, 15, 82, 0.2, —  
 60 9, 1, 4, 38, 0.1, <10  
 50 21, 1, 15, 90, 0.1, —  
 40 26, 1, 10, 85, 0.1, <10  
 30 17, 1, 9, 72, 0.1, —  
 20 12, 1, 17, 79, 0.2, <10  
 10 30, 1, 16, 145, 0.9, —  
 JG684625

**LYDIA A  
YA70408**

TOOTSIE RIVER ROAD

**LEGEND**

- Claim post
- Road
- ↙ 85 Cleavage
- Area of outcrop
- ≡≡≡ Marsh
- Sample location  
ppm Cu, ppm Mo, ppm Pb,  
ppm Zn, ppm Ag, ppb Ag



Jantar Resources Corp.

**Geology &  
Soil Sample Number Locations**

LYDIA A, LYDIA B, LYDIA E, LYDIA F,  
KAREN 1-FR, KAREN 2-FR CLAIMS

Watson Lake Mining District  
**091556**

JULY, 1984 PLATE 1

P. A. Christopher & Associates Inc.