

MAP NO.: ASSESSMENT REPORT X
105 F 11 PROSPECTUS
CONFIDENTIAL X
OPEN FILE

DOCUMENT NO: 092754
MINING DISTRICT: Watson Lake
TYPE OF WORK: Prospecting, Geochemical

REPORT FILED UNDER: W.H. Pinkenburg III

DATE PERFORMED: July 3-6, 17-20, 1989

DATE FILED: August 16 1989

LOCATION: LAT.: 61o41'N

AREA: Lapie Lakes

LONG.: 133o00'W

VALUE \$: 4000.00

CLAIM NAME & NO.: KAREN 1-8 YB 15333-340

WORK DONE BY: W.H. Pinkenburg III, K. Pinkenburg, W.H. Pinkenburg Jr.

WORK DONE FOR: W.H. Pinkenburg III

DATE TO GOOD STANDING:

REMARKS: #152 KAREN Prospecting, mapping and rock sampling was performed. Twenty rock samples were taken of quartz vein and gossansous material within basalt. The highest assay value was 30 ppb Au.

WILLIAM H. PINKENBURG
PROSPECTING AND GEOCHEMICAL REPORT
KAREN 1-8 CLAIMS
(YB15333 - YB15340)



Claim Sheet 105 F 11

Latitude 61° 41' N; Longitude 133° 'W

Reported by
WILLIAM H. PINKENBURG III

Work done from July 3 - July 6

July 17 - July 20, 1989

092754



This report has been examined by
the Geological Evaluation Unit
under section 53 (1) Yukon Quartz
Mining Act and is allowed as
representation work in the amount
of \$ 4000.00

for *D. Edmond*
Regional Manager, Exploration and
Economic Services for Commissioner
of Yukon Territory

TABLE OF CONTENTS

	<u>PAGE</u>
Introduction -----	1
Property, Location and Access -----	2
Previous Work -----	2
Physiography -----	2
Geology and Mineralization -----	2
Geochemistry -----	3
Conclusions and Recommendations -----	3

APPENDICES

Appendix I:	Personnel
Appendix II:	Statement of Cost
Appendix III:	Statement of Qualifications
Appendix IV:	Assay Certificates

LIST OF ILLUSTRATIONS

- #1 Claim Map
- #2 Geological Map
- #3 Map showing samples taken of rocks and soil and outcrop

KAREN PROPERTY

INTRODUCTION

The Karen claims were staked by the author in 1988 to cover a possible area of epithermal gold and silver mineralization on a ridge approximately 2 miles east of the Lapie Lakes, map area 105 F 11. An alleged silver deposit is about 1 mile south west of these claims and extensive exploration with heavy machinery is being done on the upper watershed of Groundhog Creek a few miles south east.

A preliminary rock test taken at the time of staking showed 50 ppb gold from a surface rock. Volcanic rocks of basalt layered and veined with quartz and in some cases stained or covered with gossan are prevalent in several outcrops.

In 1989 24 man days were spent on the property. The work consisted of prospecting, mapping and much work with pick, shovel and pick hammer in an attempt to obtain true rock and soil samples that were not badly weathered, contaminated by organic material or just float rocks.

The physical work was done by William H. Pinkenburg III (owner), Karen Pinkenburg (wife) and William H. Pinkenburg Jr. (father) and was under the supervision of William H. Pinkenburg Jr.

In all 20 rock tests and 1 soil test were taken and an estimated 7 cubic yds of rock and dirt moved.

The rock and soil samples will be sent in soon to Chemex Labs Ltd., 212 BrooksBank Ave., North Vancouver, B.C., V7J 2C1.

As soon as reports are received copies will be forwarded to complete this report.

PROPERTY, LOCATION AND ACCESS

The KAREN property consists of 8 contiguous claims recorded in the name of William H. Pinkenburg of Fort Nelson, B.C. The location of the claims are shown on Map # 1 and they are registered in the Watson Lake Mining District as follows:

<u>Claim Name</u>	<u>Recorded Numbers</u>	<u>Expiry Date</u>
KAREN 1-8	YB15333 - YB15340	19 - August 1989

The claims are located at latitude 61° 41' N and longitude 133° W on claim sheet 105 F 11 on the east side of the Canol Road east of the Lapie Lakes. The work was carried out by William H. Pinkenburg III, Karen Pinkenburg, and William H. Pinkenburg Jr. as listed in Appendix I.

PREVIOUS WORK

No previous work appears to have been done on the property.

PHYSIOGRAPHY

The property lies at an elevation of approximately 4500 ft on the lower area to over 6000 ft on the upper area. It is mostly covered in the lower area with thick brush which overlies a layer of organic material. Under this there is varying thicknesses of soil, rocks and gravel which slid down from higher slopes or were deposited by action of gravity and erosion. There is a gradual thinning of vegetation as altitude is gained. The upper reaches are above tree level with sparse vegetation and little soil. A considerable number of outcrops appear as shown on Map # 3.

GEOLOGY AND MINERALIZATION

This property is of the Ordovician, Cambrian or Lower Cambrian age (Map # 2). Present interest comes from comparatively more recent formation of volcanic rock. Dark Basalt with veins and layers of quartz are seen in outcrops as well as other types of volcanic rocks. Schist is in profusion in some areas.

No high quality mineralization has yet been confirmed on this property.

GEOCHEMISTRY

At the time of staking 7 rock samples were taken and one of these showed 50 ppb gold. This was sufficient to be considered a worthwhile anomaly considering the comparatively low background of gold (see map # 2) This year 20 more rock samples and 1 soil sample were taken with attempts being made to get more reliable samples by hand digging with pick and shovel.

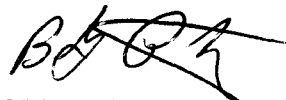
These samples will be sent in soon and it is expected that the results will confirm the visible indication of worthwhile mineralization.

CONCLUSIONS AND RECOMMENDATIONS

When the results are back from the last geochem tests, it is believed that there will be sufficient information to show more conclusive proof not only of the amount and location of near surface gold, silver and possibly platinum but also an indication of sub surface minerals by any related anomalies such as arsenic, mercury etc.

The best course of action is probably to take more samples on a close spaced grid system surrounding the highest anomalies obtained from all samples. Based on the results of the samples presently on hand and those of a grid system the next course of action indicated appears to be to drill with a back pack diamond drill and the use of explosives to get deeper samples.

Respectfully submitted



William H. Pinkenburg III

Appendix IPERSONNEL

<u>Name</u>	<u>Address</u>	<u>Date Worked</u>
WILLIAM H. PINKENBURG (William H. Pinkenburg III)	P.O. BOX 412, FORT NELSON, B.C.	July 3 to July 6, 89 July 17 to July 20, 89
KAREN PINKENBURG (Wife of William H, Pinkenburg III)	P.O. BOX 412, FORT NELSON, B.C.	July 3 to July 6, 89 July 17 to July 20, 89
WILLIAM H. PINKENBURG JR.	P.O. BOX 26, FORT NELSON, B.C.	July 3 to July 6, 89 July 17 to July 20, 89

Appendix II Statement Of Cost

Prospecting, Geochemical Sampling, and Excavating

KAREN YB15333--YB15340 CLAIMS

Labour

William H. Pinkenburg (LII)-	July 3 to July 6/89	
	July 17 to July 20/89	
	Total 8 days @ 150.00/day	1200.00
Karen Pinkenburg	- July 3 to July 6/89	
	July 17 to July 20/89	
	Total 8 days @ 100.00/day	800.00
William H. Pinkenburg (JR) -	July 3 to July 6/89	
	July 17 to July 20/89	
	Total 8 days @ 150.00/day	1200.00

Expenses

Cost of Geo Chem Report 1988		105.25
Cost of Geo Chem Report 1989 Estimated @		250.00
Food for 3 people @ 150.00/day for 8/days		1200.00
Transportation from Watson Lake 800 KM @ 26¢/KM		208.00
Total Expense & Labour		4963.25

Appendix II

copy

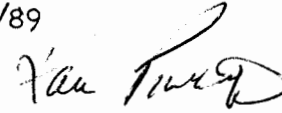
Received from William H. Pinkenburg III \$1200.00 payment paid in full for work on KAREN CLAIMS Aug. 8/89

William H. Pinkenburg

William H. Pinkenburg

Appendix II

Received from William H. Pinkenburg III \$800.00 payment paid in
full for work on KAREN CLAIMS Aug. 8/89



Karen Pinkenburg



Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

BY: PINKENBURG, BILLY

**

BOX 412
FORT NELSON, BC
V0C 1R0

*** INVOICE NUMBER 18828738 ***

Appendix II

BILLING INFORMATION

Date : 10-DEC-88

Project :

P.O. # : NONE

Account : GWO

Comments :

Billing : For analysis performed on
Certificate A8828738

Terms : Net payment in 30 Days
1.5% per month (18% per annum)
charged on overdue accounts.

Please remit payments to:

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

We are pleased to announce that
CHEMEX now accepts payment by
** VISA **

CHEMEX CODE	ANALYSIS DESCRIPTION	SAMPLES ANALYZED	UNIT PRICE	AMOUNT
983 -	Au ppb FA+AA	2	8.75	17.50
Sample preparation and other charges :				
205 -	Rock Geochem - RING	2	3.50	7.00
Total Cost \$				24.50
TOTAL PAYABLE \$				24.50



Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

: PINKENBURG, BILLY

**

BOX 412
FORT NELSON, BC
V0C 1R0

*** INVOICE NUMBER 18828739 ***

Appendix II

BILLING INFORMATION

Date : 10-DEC-88
Project :
P.O. # : NONE
Account : GWO

Comments:

Billing : For analysis performed on
Certificate A8828739

Terms : Net payment in 30 Days
1.5% per month (18% per annum)
charged on overdue accounts.

Please remit payments to:

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

We are pleased to announce that
CHEMEX now accepts payment by
** VISA **

CHEMEX CODE	ANALYSIS DESCRIPTION	SAMPLES ANALYZED	UNIT PRICE	AMOUNT
983 -	Au ppb FA+AA			
G32 -	G-32 32 EL.	3	15.75	47.25
Sample preparation and other charges :				
217 -	Geochem - RING ONLY	3	3.00	9.00
238 -	ICP aqua-regia digestion	3	0.00	0.00
Total Cost \$				56.25
TOTAL PAYABLE \$				56.25

PAID



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

PINKENBURG, BILLY

**

BOX 412

FORT NELSON, BC

V0C 1R0

*** INVOICE NUMBER 18827969 ***

Appendix II

BILLING INFORMATION

Date : 24-NOV-88

Project :

P.O. # : NONE

Account : GWO

Comments:

Billing : For analysis performed on
Certificate A8827969

Terms : Net payment in 30 Days
1.5% per month (18% per annum)
charged on overdue accounts.

Please remit payments to:

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

We are pleased to announce that
CHEMEX now accepts payment by
** VISA **

CHEMEX CODE	ANALYSIS DESCRIPTION	SAMPLES ANALYZED	UNIT PRICE	AMOUNT
983 -	Au ppb FA+AA	2	8.75	17.50
Sample preparation and other charges :				
205 -	Rock Geochem - RING	2	3.50	.7.00
			Total Cost \$	24.50
			TOTAL PAYABLE \$	24.50

PAID

Appendix III

STATEMENT OF QUALIFICATIONS

I William H. Pinkenburg Jr., prospector of Fort Nelson British Columbia hereby declare:

I have been engaged in mineral prospecting in British Columbia, Yukon Territory and some U S states on a full or part time basis for approximately 50 years.

I have taken the following prospecting or geology related courses:

One course at Dawson Creek. B.C. Vocational School in 1933.

Four short courses at the Fort Nelson Vocational School since 1969.

I personally carried out or supervised all the work described in this report.

William H. Pinkenburg Jr.

William H. Pinkenburg

P.O. Box 26

Fort Nelson, B.C.

VOC 1RO

I William H. Pinkenburg III, prospector of Fort Nelson British Columbia do hereby declare:

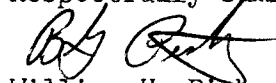
I have engaged in mineral prospecting in British Columbia and Yukon Territory on a part time basis for approximately 16 years.

I have read several books on elementary geology as applied to prospecting, and have studied many claims maps and pamphlets describing the various formations to be encountered.

On several occasions I went with accomplished claims owners and after listening to their advice, compared my skills with their skills on locating and identifying rocks and minerals.

I personally carried out or supervised all work described in this report.

Respectfully submitted



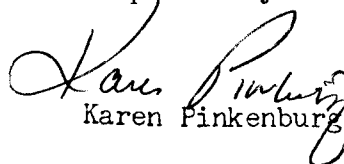
William H. Pinkenburg III

I Karen Pinkenburg, prospector of Fort Nelson British Columbia do hereby declare:

I have been engaged in mineral prospecting in British Columbia on a part time basis for approximately 8 years.

I personally actively participated in the work done as described in this report.

Respectfully submitted



Karen Pinkenburg



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,

BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To: PINKENBURG, BILLY

BOX 412
FORT NELSON, BC
VOC 1R0

Project:

Comments:

**Page No. : 1

Tot. : 1

Date : 10-DEC-88

Invoice # : I-8828738

P.O. # : NONE

CERTIFICATE OF ANALYSIS A8828738

Appendix 1V

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA									
KAREN #4 W.H.P. KAREN #5 W.H.P.	205 205	-- --	< 5 < 5									

CERTIFICATION : Jack Vink



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To: PINKENBURG, BILLY

BOX 412
FORT NELSON, BC
V0C 1R0

Project:

Comments:

**Page No.: 1-A

Tot. P es: 1

Date: 10-DEC-88

Invoice #: I-8828739

P.O. #: NONE

CERTIFICATE OF ANALYSIS A8828739

Appendix 1V

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Al %	Ag ppm	As 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
KAREN #1 W.H.P.	217 238	< 5	2.65	0.2	5	80	< 0.5	< 2	0.28	< 0.5	15	64	18	4.57	10	< 1	0.10	40	1.54	507
KAREN #3 W.H.P.	217 238	< 5	1.45	< 0.2	< 5	90	< 0.5	< 2	9.33	< 0.5	7	55	16	2.59	< 10	< 1	0.10	< 10	1.98	487
KAREN #2C W.H.P.	217 238	< 5	1.33	0.2	< 5	50	< 0.5	< 2	0.21	< 0.5	16	33	25	4.24	< 10	< 1	0.16	40	0.69	473

CERTIFICATION : B. Coghlin



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To: PINKENBURG, BILLY

BOX 412
FORT NELSON, BC
VOC 1R0

Project :
Comments :

**Page No. : 1-B
Tot. es: 1
Date : 10-DEC-88
Invoice # : I-8828739
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8828739

Appendix IV

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
KAREN #1 W.H.P.	217 238	1	0.01	39	620	18	5	4	20	0.04	< 10	< 10	39	< 5	90
KAREN #3 W.H.P.	217 238	1	0.01	25	800	8	< 5	3	287	0.01	10	< 10	25	< 5	59
KAREN #2C W.H.P.	217 238	< 1	0.01	33	260	14	< 5	4	18	0.01	< 10	< 10	14	< 5	91

CERTIFICATION :

B. Coughlin



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To: PINKENBURG, BILLY

BOX 412
FORT NELSON, BC
VOC 1R0

Project :
Comments :

**Page N° : 1
Tot. : 1
Date : 24-NOV-88
Invoice # : I-8827969
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8827969

Appendix IV

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA									
KAREN POST WHP KAREN #2 W.H.P.	205	--	< 50									
	205	--	< 5									

CERTIFICATION : *John Viner*

#1 Claim Map
Sheet 105F-11

NORTH

4000

5000

5500

3500

R

6400

KAREN
YB15333 YB15335

KAREN
YB15334 YB15336

KAREN
YB15338 YB15337

KAREN
YB15340 YB15339

4500

DISTRICT

4500

4000

4500

00001

DISTRICT

5000

3	5	7	9	11	13
YB00338	YB00340	YB00342	YB00344	YB00346	YB00348
2	4	6	8	10	12
YB00339	YB00341	YB00343	YB00345	YB00347	YB00349
14	16	18	20	22	24
YB00350	YB00352	YB00354	YB00356	YB00358	YB00360

HOG

GROUND HOG

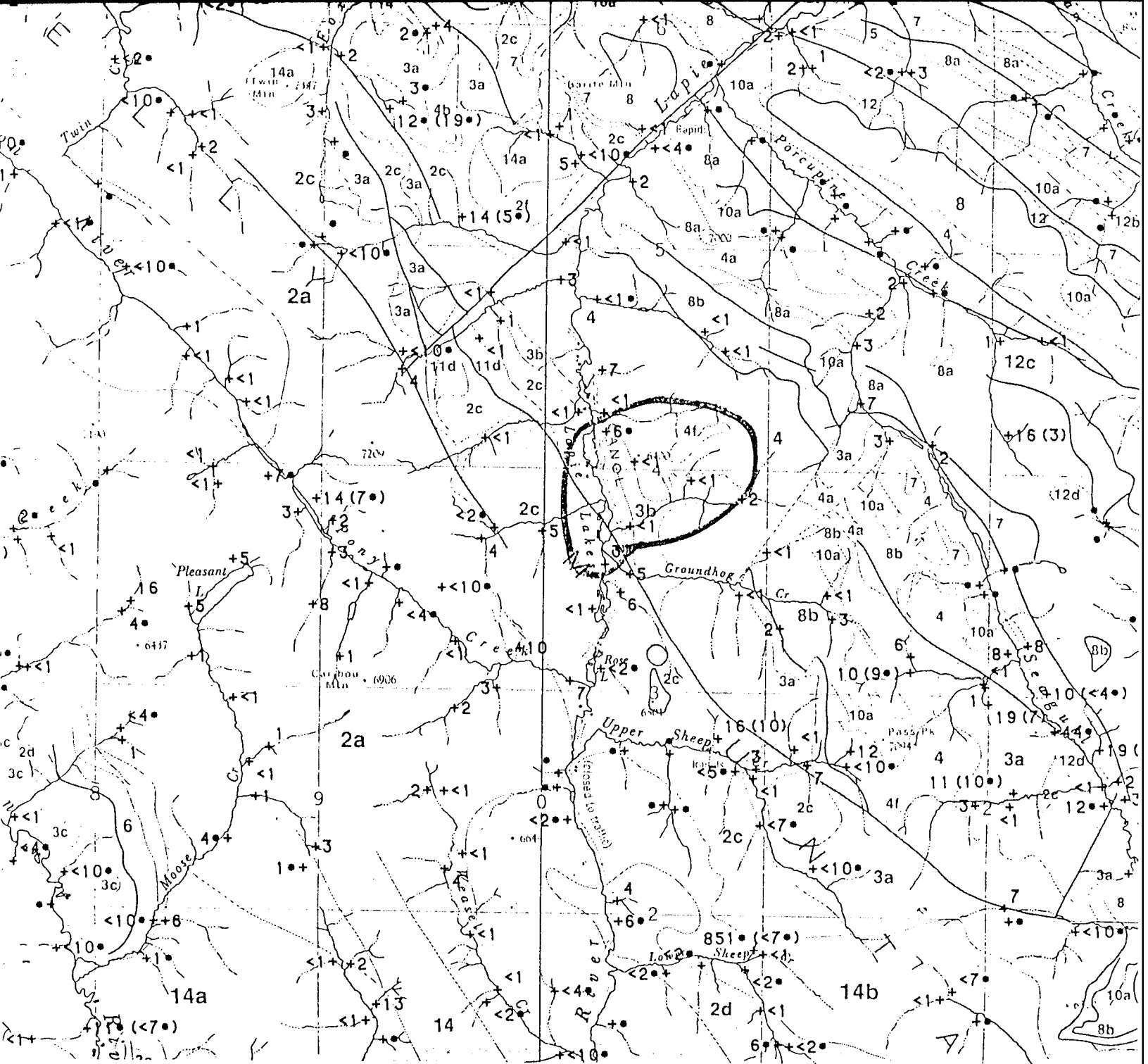
CR.

HOG

MINING

5000

5000



#2 Geological Map

GOLD (ppb)
 GSC OPEN FILE 1290
 REGIONAL GEOCHEMICAL RECONNAISSANCE MAP 89-1985
 URANIUM RECONNAISSANCE PROGRAM
 AND
 CANADA-YUKON ECONOMIC DEVELOPMENT AGREEMENT
 STREAM SEDIMENT AND WATER GEOCHEMICAL SURVEY
 SOUTHERN YUKON TERRITORY 1978/1985

Scale 1:250 000



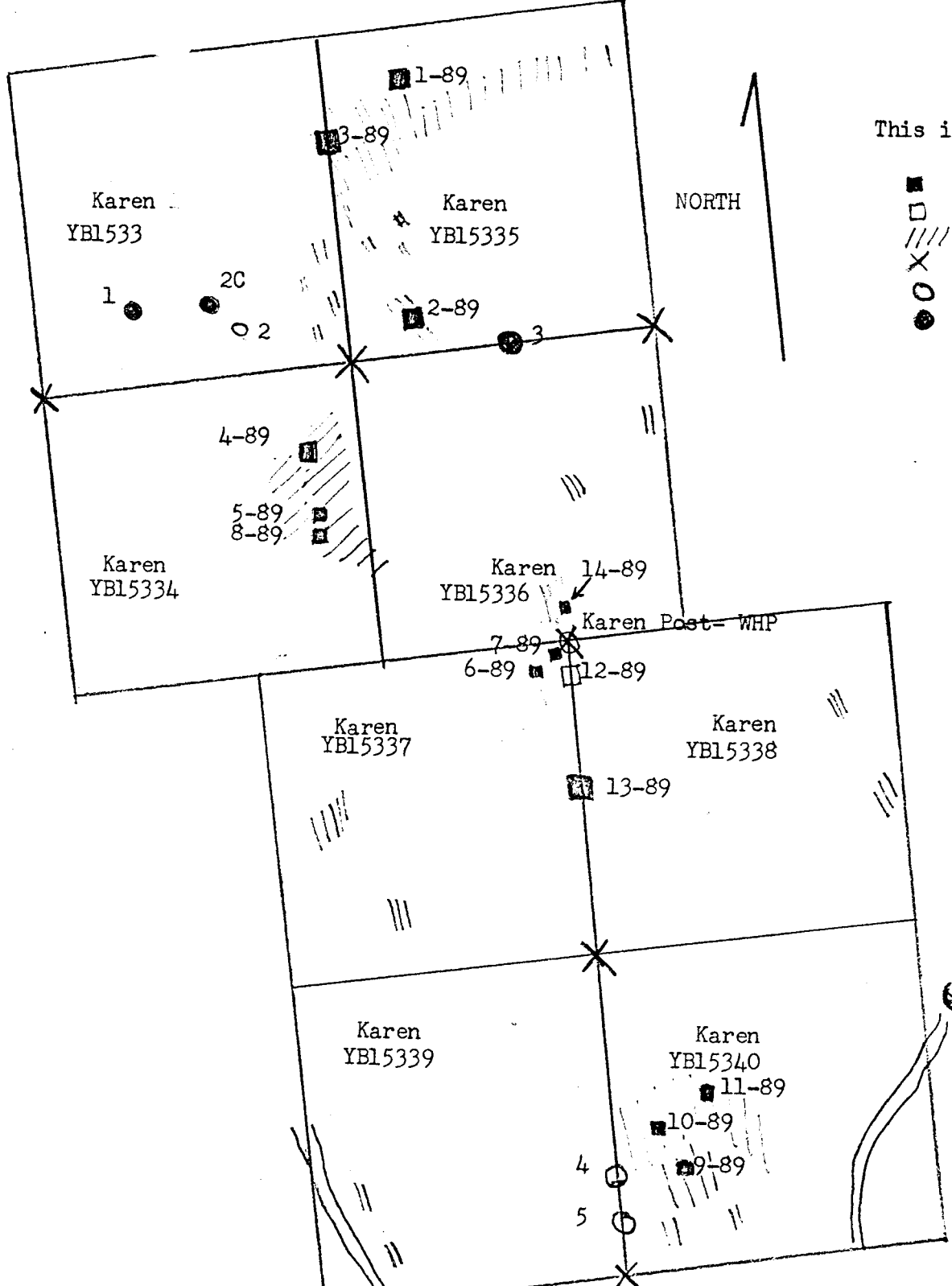
Universal Transverse Mercator Projection
 © Crown Copyrights reserved

CAMBRIAN AND ORDOVICIAN

4 Grey chlorite muscovite quartz phyllite containing lenses of greenstone (uE0slv); 4a, grey chlorite muscovite quartz phyllite and slaty phyllite (uE0sl); 4b, calcareous shale and silty limestone (uE0c); 4c, ankeritic shale, slate and phyllitic slate (uE0c2); 4d, olive green tuff and tuffaceous slate (E0v); 4e, massive dark green and maroon amygdaloidal basalt (E0vb); 4f, massive saussuritized dark green diabase or diorite sills (Eb); 4g, medium to dark grey calcareous shale, siltstone and argillaceous limestone (E0S0s1)

LOWER CAMBRIAN

3 Coarsely crystalline dolomite (lCd); 3a, grey calcareous argillite, limestone and calcareous siltstone; locally includes biotite schist and quartz tremolite diopside skarn (lEc); 3b, grey limestone and argillaceous limestone (lEc1); 3c, marble, recrystallized lime mud and bioclastic limestone (lEc2)



#3 Map

This is a map of Karen claims located on sheet 105 F 11

LATITUDE 61° 41' N

LONGITUDE 133° W

- ROCK SAMPLES 1989
- SOIL SAMPLES 1989
- //// ROCK OUTCROP
- X CLAIM STAKES 1989
- ROCK SAMPLES 1988
- SOIL SAMPLES 1988
- SCALE 2" -- 1500'