ASSESSMENT REPORT

GEOLOGICAL, GEOCHEMICAL AND GEOPHYSICAL REPORT ON THE URSUS 1-164 MINERAL CLAIMS

WATSON LAKE MINING DISTRICT
YUKON TERRITORY
60°28' N, 130°22' W
N.T.S. 105B-8/B-9

for

SEREM LTD.

Report by: Michael Stammers, Geologist

Date: October 1981

INDIAN and NORTHERN AFFAIRS

TRANSMITTAL FORM

M R File No _____

S.M.R. File No _____

Date Fwd 13 Oct 81

FROM Mining Recorder at Watson Lake

TO Supervising Mining Recorder at Whitehorse, Y.T.

FOR ACTION ARE:

☐ NEW APPL'N for PLACER LEASE to PROSPECT Name:

☐ RENEWAL APPL'N PLACER LEASE to PROSPECT Name: Lease No .....

☐ AFFIDAVIT of EXPENDITURE on PLACER LEASE. Name Lease No .....

☐ ASSIGNMENT of PLACER LEASE No .....
From: To:

☐ GROUPING APPL'N UNDER SEC. 52(2) PLACER MINING ACT.
Owner:

☐ DIAMOND DRILL LOGS
Claims Claim sheet no.

☑ QUARTZ ASSESSMENT REPORT
Claims: URSUS 1-164 Claim sheet no. 105-B-8/9

Type of report
Geological
Geochemical
Geophysical
Cls. work performed on:
URSUS 1-164

Submitted by:
Serem. Ltd.

$ Req. for ren. application
$32,800.00

Signature

REPLY ACTION Date Ret.

Signature

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 $ 32,800.00.

Ruth Dubicki for
Manager, Exploration and Geological Services for Commissioner of Yukon Territory.

Department of Indian Affairs and Northern Development

YUKON QUARTZ MINING ACT

FORM "C" - APPLICATION FOR A CERTIFICATE OF WORK

(This form required in duplicate with sketch showing location of work.)

RECEIVED
1981 AUG 18
MINING RECORDER
WATSON LAKE, Y.T.
I.A. & N.D.

OFFICE DATE STAMP

I (Name) MICHAEL STAMMERS Occupation GEOLOGIST

(Postal Address) c/o SEREM LTD.
300-535 THURLOW ST., VANCOUVER, B.C. V6E 3L2

MAKE OATH AND SAY, THAT:-

1. I am the owner, or agent of the owner, of the mineral claim(s) to which reference is made herein.

2. I have done, or caused to be done, work on the following mineral claim(s):
(Here list claims on which work was actually done by number and name)

URSUS 1-104 YA56148 - YA56251
URSUS 105-164 YA56862 - YA56921

situated at Tributary of Little Moose River Claim Sheet No. 105B/8 and 105B/9

In the Watson Lake Mining District, to the value of at least 32,800

dollars, since the 1st day of August 19 80,

to represent the following mineral claims under the authority of Grouping Certificate No. _____.
(Here list claims to be renewed in numerical order, by grant number and claim name, showing renewal period requested.)

URSUS 1-104 inclusive	YA56148-YA56251	2 years each
URSUS 105-164 inclusive	YA56862-YA56921	2 years each

3. The following is a detailed statement of such work: (Set out full particulars of the work done indicating dates work commenced and ended in the twelve months in which such work is required to be done as shown by Section 53)

A total of $36,755.70 of direct costs was incurred in performing geological, geochemical and geophysical surveys between August 1, 1980 and August 1, 1981 on the URSUS 1-104 claims and between June 1, 1981 and August 1, 1981 on the URSUS 105-164 claims.

REPORT TO FOLLOW BY END OF SEPTEMBER 1981

Sworn before me at WATSON LAKE, Y.T.
this 18 day of Aug 19 81

J. Edelmann
Notary Public

Michael Stammers
Applicant.

TABLE OF CONTENTS

LIST OF FIGURES

APPENDICES

Appendix 1 - List of Personnel

Appendix 2 - Statement of Costs

Appendix 3 - Geochemical Methods and Analysis

Appendix 4 - Geophysical Method

Appendix 5 - Statement of Qualifications

INTRODUCTION

The Ursus 1-164 mineral claims are located in the Watson Lake Mining District, 95 kilometres northwest of Watson Lake, at latitude 60°28' N, longitude 130°22' W (Figure 1). The claims were staked to cover a large tin geochemical anomaly showing up to 1.55% tin in panned stream samples. The property is underlain by pegmatitic related phases of a deeper quartz monzonite to granodiorite stock and regionally metamorphosed rocks.

LIST OF CLAIMS (Figure 2)

Claim Name	Grant Number	Current* Expiry Date
Ursus 1-104	YA56148 - YA56251	August 11, 1981
Ursus 105-164	YA56862-YA56921	September 26, 1981

*Two years assessment on each claim was applied for on August 20, 1981.

EXPLORATION HISTORY

The Ursus 1-104 claims were staked in August 1980 to cover tin geochemical values of up to 5625 ppm tin in sieved, heavy-mineral stream samples, obtained during a regional sieve sampling program. A preliminary geologic mapping plus soil and stream sampling program in the same summer reconfirmed and broadened the tin anomaly and also yielded cassiterite in panned stream samples. In September 1980, an additional 60 claims were staked to cover favourable ground to the south.

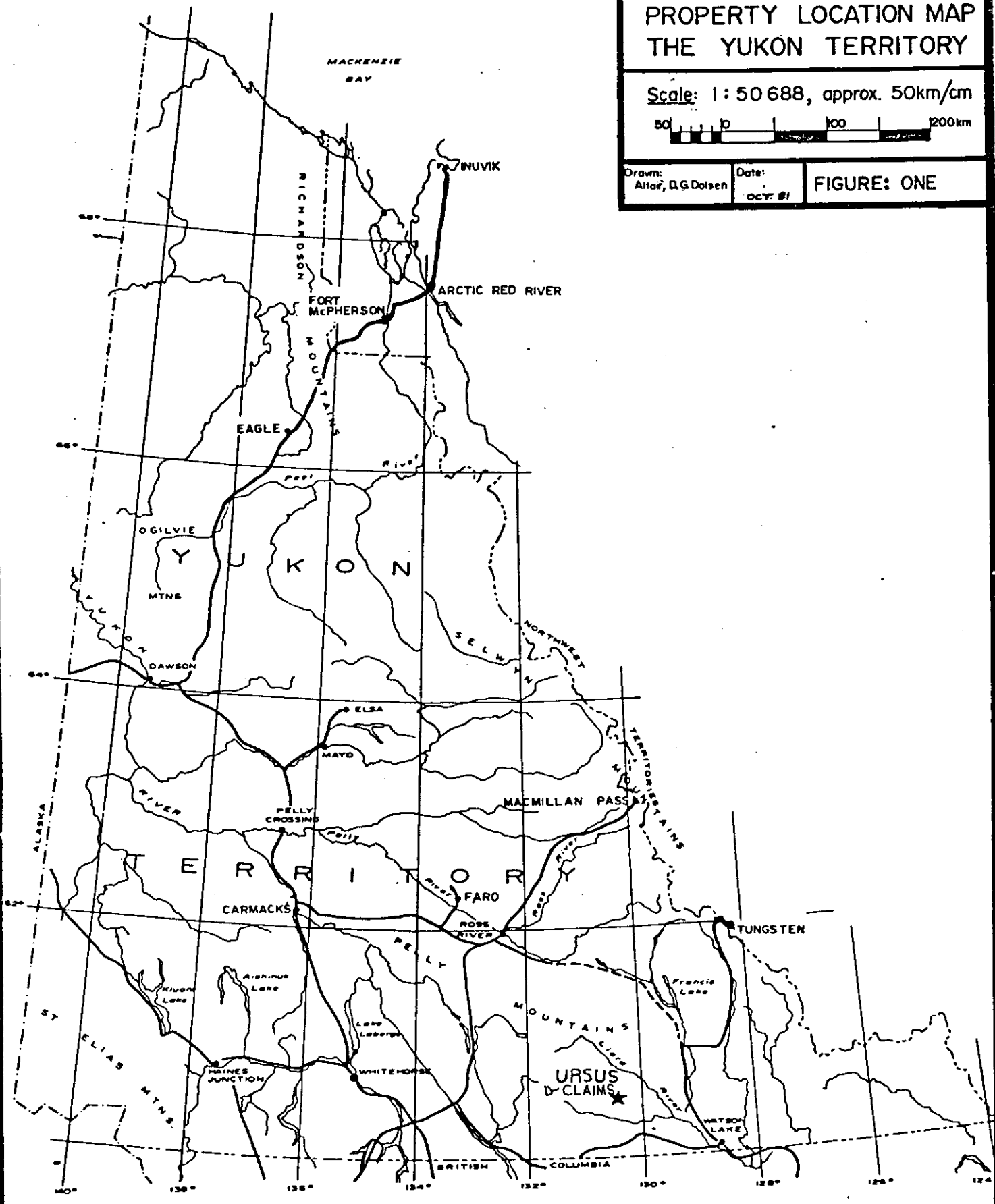
SEREM LTD.

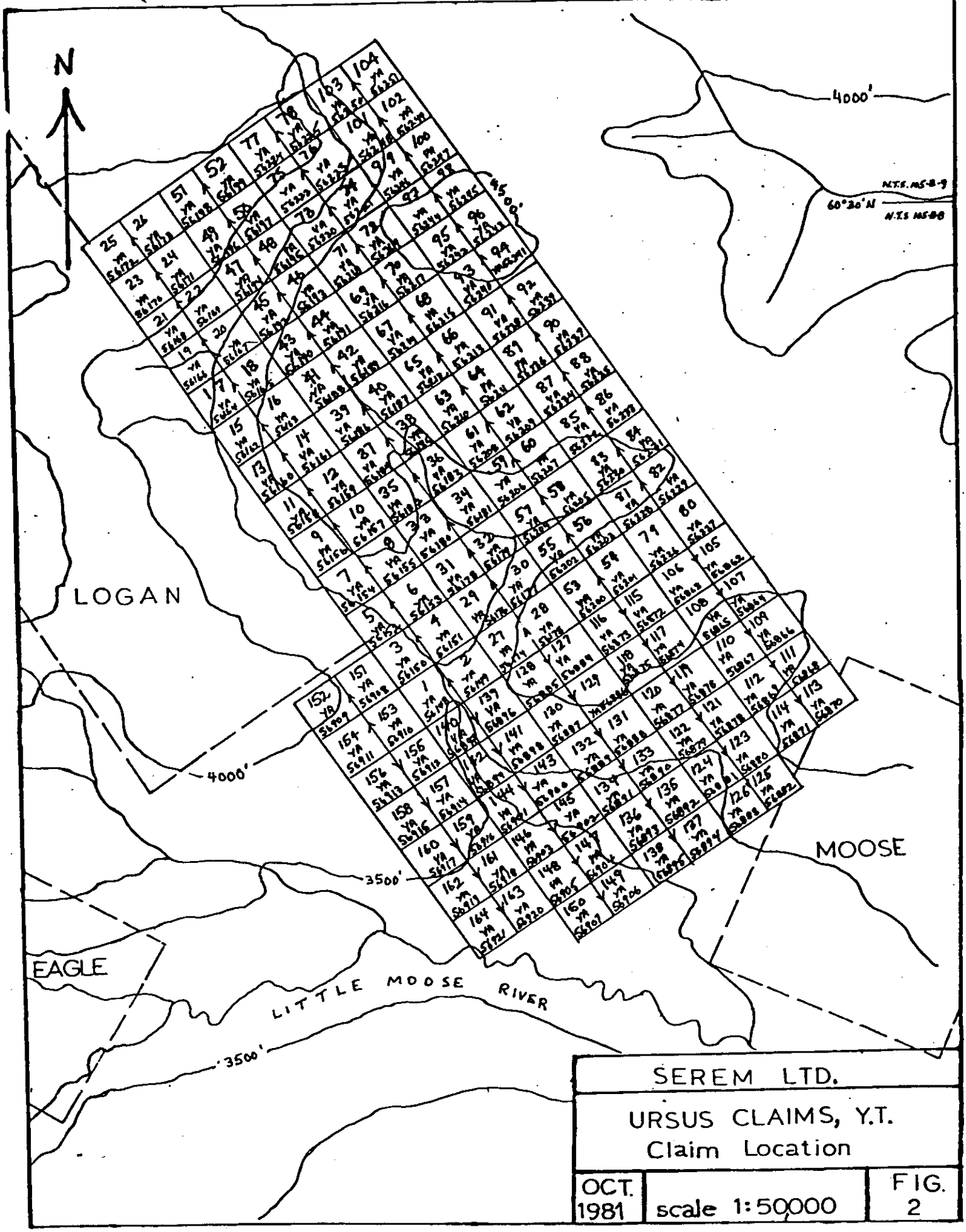
PROPERTY LOCATION MAP
THE YUKON TERRITORY

Scale: 1 : 50 688, approx. 50km/cm

50 0 100 200km

Drawn: Altaf, D.G. Dolsen | Date: OCT. 81 | FIGURE: ONE





SEREM LTD.		
URSUS CLAIMS, Y.T. Claim Location		
OCT. 1981	scale 1:50000	FIG. 2

In May, June and July 1981, Serem Ltd. carried out an exploration program on the Ursus claims consisting of geological mapping, prospecting, geochemical sampling and magnetometer survey.

Other claims in the area are the Logan, Eagle and Moose claim groups held by Regional Resources. The Logan group is underlain by similar geology as the Ursus. The Eagle and Moose groups are underlain only by the meta-sediments.

LOCATION AND ACCESS

The Ursus 1-164 mineral claims are located 95 kilometres northwest of Watson Lake on a tributary of the Little Moose River and 35 kilometres north of Kilometre 1110 on the Alaska Highway.

Access during 1980 was by truck to Kilometre 1128 on the Alaska Highway from Watson Lake and thence by helicopter to the property. During 1981, access was by floatplane to Stoneaxe Lake (Serem base camp) and thence by helicopter 45 kilometres southeast to the Ursus claims.

PHYSIOGRAPHY AND CLIMATE

Elevations on the Ursus claims range from between 1006 and 1433 metres (3300 and 4700 feet) above sea level. Relief is gentle and the property is mainly forest covered.

Outcrop in the area is generally sparse (less than 5%) and much of the claim group is covered by glacial drift, moraines and eskers. Climate in the area is characterized

by short warm summers and long cold winters with light to moderate precipitation.

REGIONAL GEOLOGY

The regional geology is based on mapping (G.S.C. Map 10-1960) by Poole, 1951-1955 and Roddick and Green in 1950.

The G.S.C. mapping shows the Ursus property to be underlain by Lower Cambrian biotite schist and quartzite with sills, dykes, and irregular bodies of pegmatite. The intrusive bodies most likely originate from nearby stocks of biotite-quartz monzonite to granodiorite of Jurassic or Cretaceous age.

PROPERTY GEOLOGY

The general underlying geology on the Ursus property is shown in Figure 3. Outcrop exposure is generally poor in the gently undulating forested terrain.

The dominant lithologies in the north half of the property are pegmatitic related phases of a deeper biotite-quartz monzonite to granodiorite stock. The intrusive rocks on the property are composed of muscovite, biotite, quartz, feldspar and accessory garnets. Pegmatitic, graphic, aplitic, micropegmatitic and granitic textures are found in these rocks. Prominent east-northeast trending lineaments occur in the intrusive. Also in the north part of the claims are lesser amounts of mica schists which appear to be large xenoliths or islands of meta-sediments.

On the south part of the claims the amount of intrusive decreases so that the quartz mica schists dominate and the intrusive phases are minor. Limited observations indicate that the schistosity trends east-west and dips south. Minor garnet skarn, recrystallized limestone and quartzite occur interbedded with the schist in the south claims area.

GEOCHEMISTRY

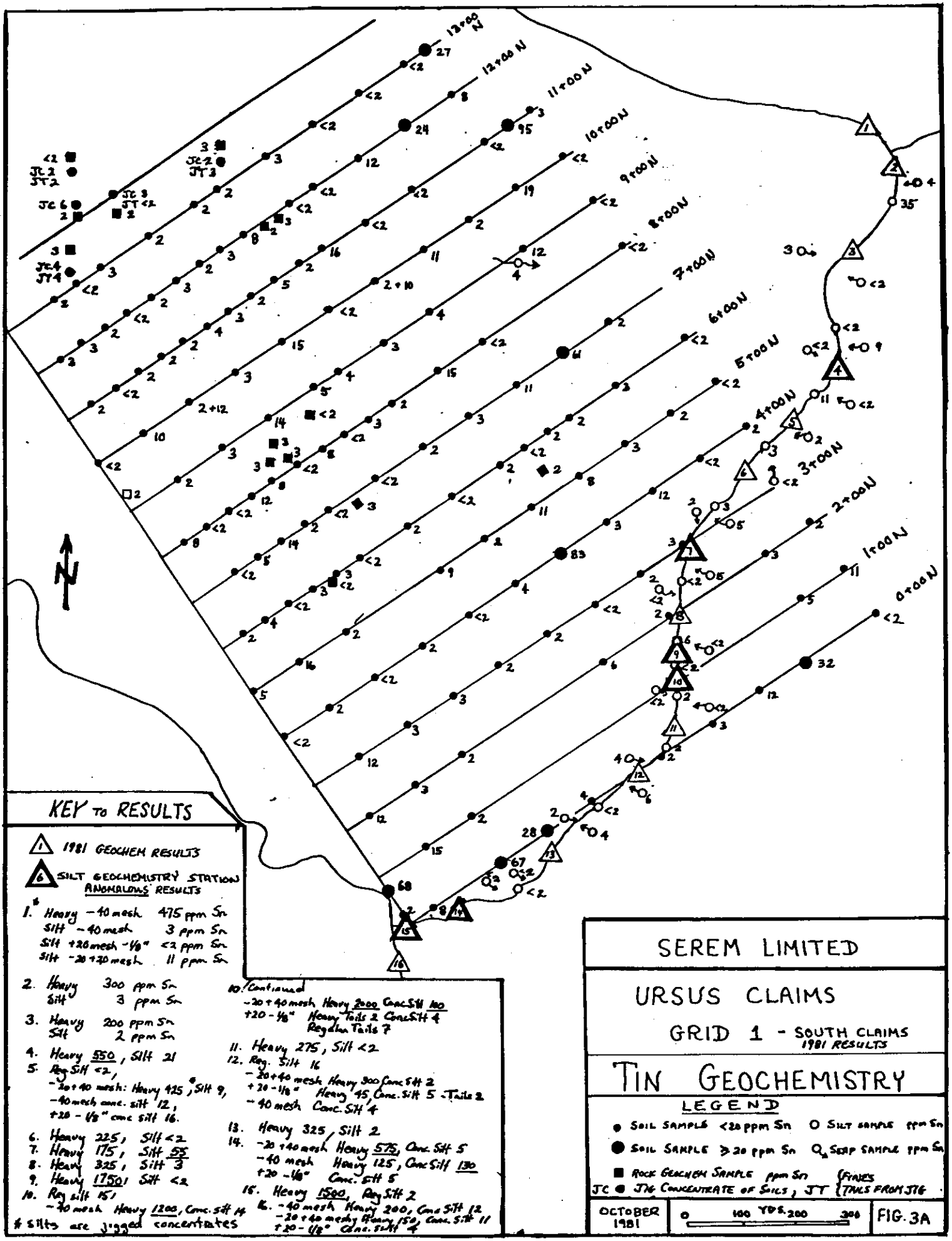
An integrated program of rock, soil and silt sampling has been carried out on the Ursus claims during two field seasons. Approximately 415 soil, 247 silt, 75 rocks and 50 panned, sieved or jigged stream samples have been taken. Results of the analyses of these samples are shown in Figures 3, 3A, 3B, 4, 5, and 6.

(a) Tin (Figures 3, 3A, 3B)

Sieved stream samples, employing heavy metal analytical methods, returned values in excess of 3000 ppm tin and resulted in the staking of the Ursus claims in 1980. Follow-up panning of the anomalous creeks returned values ranging from 45 to 15500 ppm tin. Regular silt samples range from 2 to 155 ppm tin.

In a survey to determine the most effective mesh size for sieve sampling of stream sediments, minus 20, plus 40 mesh was found to return the highest tin values. The finer, minus 40, mesh size ranked a close second.

Soil sample results range from 2 to 147 ppm tin. In the south grid area, detailed investigation of tin values in excess of 50 ppm was carried out. Two of the three sample sites are located on obvious glacial fluvial land-



KEY TO RESULTS

1 1981 GEOCHEM RESULTS

6 SILT GEOCHEMISTRY STATION
ANOMALOUS RESULTS

1.* Heavy -40 mesh 475 ppm Sn
Silt -40 mesh 3 ppm Sn
Silt +20 mesh -1/8" <2 ppm Sn
Silt -20 +40 mesh 11 ppm Sn

2. Heavy 300 ppm Sn
Silt 3 ppm Sn

3. Heavy 200 ppm Sn
Silt 2 ppm Sn

4. Heavy 550, Silt 21

5. Reg Silt <2,
-20+40 mesh: Heavy 425*, Silt 9,
-40 mesh conc. silt 12,
+20 - 1/8" conc silt 16.

6. Heavy 225, Silt <2

7. Heavy 175, Silt 55

8. Heavy 325, Silt 3

9. Heavy 1750, Silt <2

10. Reg silt 151
-40 mesh Heavy 1200, Conc. silt 14

10. Continued
-20+40 mesh Heavy 2000 Conc Silt 100
+20 - 1/8" Heavy Tails 2 Conc Silt 4
Regular Tails 7

11. Heavy 275, Silt <2

12. Reg. Silt 16
-20+40 mesh Heavy 300 Conc Silt 2
+20 - 1/8" Heavy 45, Conc. Silt 5 Tails 2
-40 mesh Conc. Silt 4

13. Heavy 325, Silt 2

14. -20 +40 mesh Heavy 575, Conc. Silt 5
-40 mesh Heavy 125, Conc Silt 130
+20 -1/8" Conc. silt 5

15. Heavy 1500, Reg Silt 2

16. -40 mesh Heavy 200, Conc Silt 12
-20+40 mesh Heavy 150, Conc. Silt 11
+20 - 1/8" Conc. Silt 4

* silts are jigged concentrates

SEREM LIMITED

URSUS CLAIMS

GRID 1 - SOUTH CLAIMS
1981 RESULTS

TIN GEOCHEMISTRY

LEGEND

● SOIL SAMPLE <20 ppm Sn ○ SILT SAMPLE ppm Sn
● SOIL SAMPLE ≥20 ppm Sn ○ SEEP SAMPLE ppm Sn
■ ROCK GEOCHEM SAMPLE ppm Sn (FINES / TAILS FROM JTG
JC ● JTG CONCENTRATE OF SOILS; JT

OCTOBER 1981 | 0 100 YDS. 200 300 | FIG. 3A

forms (eskers). The third anomalous sample site was trenched to a depth of 2.5 metres without outcrop being encountered. A profile of the pit revealed a layered deposit of apparently fluvially deposited sand, silt and gravel. See Figure 3B for detailed soil sampling in the pit area.

(b) Tungsten (Figure 4)

A few samples are anomalous in tungsten with values of up to 345 ppm in panned samples, 62 ppm in stream silts and 72 in soil samples. This tungsten may originate either from scheelite-bearing skarns or from wolframite-bearing veins or greisen zones found on the property.

(c) Copper, Lead and Zinc (Figure 4)

One anomalous value of 156 ppm lead came from a small stream at the south end of the property. This sample was also anomalous in silver with a value of 4.0 ppm.

Anomalous values of zinc occur in stream silts from the area north of the property. Some of these originate from the Logan claims.

Copper geochemical results are not significant.

(d) Gold, Silver and Molybdenum (Figure 5)

One stream sample at the south end of the property had anomalous values of 4.0 ppm silver and 156 ppm lead.

Gold and molybdenum values were not significant.

GEOPHYSICS

A magnetometer survey, employing a Geometrics Proton Magnetometer, was carried out on the Ursus claims on July 7-10, 1981 by Serem field technicians. The survey was run over existing soil sampling lines and results should be interpreted as preliminary, particularly over areas without closed grids. Results shown in Figure 7 are plotted in gammas, -57,000, and have been corrected on a daily basis.

Results from the survey are generally flat and insignificant. A few 100-gamma highs occur in areas of predominant surficial lineaments. These magnetometer highs may be attributed to structural fault(s) causing the lineaments or to the actual physical depression present. The apparent contact between intrusive and metasedimentary rocks is not reflected by the magnetometer survey.

MINERALIZATION

To date, significant tin mineralization has not been found in outcrop, but cassiterite has been found in panned stream samples. Heavy metal analysis of panned stream samples on the property returned up to 1.55% tin. One rock geochemical sample collected from an altered pegmatite dike intruding pelitic schists returned a value of 0.07% (700 ppm) tin.

Minor scheelite and powellite have been noted in skarn outcrop located on the property. The extent of the skarn development is limited by the thin limestone stratigraphy and incomplete skarnification processes. One significant

tungsten assay of 0.515% WO_3 was returned from a limonite-tourmaline ± wolframite vein located well within the intrusive (see Figure 4).

DISCUSSION AND CONCLUSIONS

After two field seasons involving extensive soil, stream sediment and rock geochemical sampling, rigorous prospecting and detailed geological mapping, results have proven to be initially discouraging on the Ursus tin prospect. To date, cassiterite mineralization is restricted to low grade, erratic placer occurrences on creeks draining the Ursus property.

However, the presence of a favourable geological environment for tin deposits, including greisen zones and abundant pegmatite dike activity, is encouraging. This factor, combined with the limited outcrop exposure and heavy glacial drift, support the retention of the Ursus 1-164 mineral claims.

RECOMMENDATIONS

1. In the area of the rock sample resulting in a value of 700 ppm (0.07%) tin, obtain further rock samples for assay and emplace a small soil geochemical sampling grid.

2. Investigate the role and resulting economic potential of pleistocene glaciology (in the Ursus claims area) in redistributing cassiterite and producing low grade placer tin deposits.

3. Investigate the feasibility of an overburden drill program to explore and test for the source of anomalous tin geochemistry. If warranted, undertake such a program.

APPENDIX 1

LIST OF PERSONNEL

URSUS 1-164

		1981 Working Days
Melanie Boulding, Prospector	Victoria, B.C.	June 28, 30.
David Coffin, Prospector	Vancouver, B.C.	June 28, 30; and July 2-4.
Michael Cullen, Student Assistant	Vancouver, B.C.	May 29-30; June 11-13, 15-16,24,26, 27-July 10.
Elmer DeBock, Prospector	Clearwater, B.C.	June 28, 30; July 2-3.
Stephen Falls, Student Assistant	Don Mills, Ont.	May 29-30; June 11-13, 26-July 10.
Daniel MacIsaac, Student Assistant	Victoria, B.C.	May 29-30; June 24, 26-28, 30; July 3-4.
Peter Newman, Prospector	North Vancouver, B.C.	June 28, 30; July 2-3.
Margot Sangster, Sampler	Whistler, B.C.	May 29-30; June 11-13, 23-24, 26-30, July 2-5.
Michael Stammers, Geologist	Vancouver, B.C.	June 11, 23, 26, 28, 30; July 2-4, 9.
Peter Tegart, Manager	North Vancouver, B.C.	June 11.
Mohan Vulimiri, Geologist	North Vancouver, B.C.	June 11.

APPENDIX 2

STATEMENT OF COSTS

URSUS 1-164

WAGES

Field

Manager	1	day @ $250	$ 250.00	
Geologist	1	day @ $150	150.00	
Geologist	7½	days @ $ 88 x 1.55	1,023.00	
Prospector	4	days @ $ 94 x 1.35	507.60	
Prospector	9	days @ $ 80 x 1.35	972.00	
Prospector	2	days @ $ 60 x 1.35	162.00	
Sampler	16	days @ $ 50 x 1.35	1,080.00	
Student	9	days @ $ 58 x 1.35	704.70	
Student	23	days @ $ 48 x 1.35	1,490.40	
Student	20	days @ $ 44 x 1.35	1,188.00	
				$ 7,527.70

ROOM AND BOARD

100	mandays	@ $30/day	3,000.00

HELICOPTER

Charter	37.7	hours @ $350/hour	13,195.00	
Fuel	37.7	hours @ $140/hour	5,278.00	
				18,473.00

GEOCHEMICAL ANALYSES

1980	analyses	4,707.80	
1981	analyses	3,047.20	
			7,755.00
	TOTAL		$36,755.70

APPENDIX 3
GEOCHEMICAL METHODS AND ANALYSIS

Stream silt samples and soil samples were collected in Kraft sample bags and sent to Min-En Laboratories Ltd., North Vancouver, B.C. These samples were then dried and sieved to -80 mesh. A portion of the -80 mesh material was then analyzed by methods appropriate for each element as listed below:

Mo, Cu, Pb, Zn, Ag - Nitric, perchloric digestion - A.A. Analysis

Au - Aqua Regia - A.A. Analysis

Sn, W - Fusion - Colorimetric

U - Fluorometric

Rock geochemical samples were ground to -80 mesh and then analyzed by the appropriate method as listed above.

Sieved, stream silt geochemical samples were shipped to Min-En Laboratories, North Vancouver, B.C., for preparation and analysis. Below is a brief description of sampling and preparation methods used.

Samples are collected from streams by panning gravel and silt through a -40 mesh sieve. Panning and sieving continues until over 400 grams of material less than -40 mesh is collected. Care is taken to note the number of pans of gravel required to arrive at the desired 400 grams of product.

In the laboratory, 400 grams of -40 mesh material is then sieved through -80 mesh screens. The material sized between -40 mesh and +80 mesh is weighed and the magnetic portion is removed. The remaining portion is processed by separating the greater than 3.2 specific gravity portion using a heavy medium with a specific gravity of 3.2. The heavy portion is then analyzed for whatever elements are desired.

APPENDIX 3 (Continued)

Rock assay samples were ground to -100 mesh and then analyzed by methods appropriate for each element as listed below:

Mo, Cu, Pb, Zn, Ag, WO_3, Sn - Acid digestion - chemical analysis

Au - Fire - A.A. Finish

APPENDIX 4
GEOPHYSICAL METHOD

Readings were taken every 25 metres in the magnetometer survey along the grid lines. The survey was done with a Model G-826 portable Proton Magnetometer made by Geometrics. The sensor was used in the backpack arrangement.

APPENDIX 5
STATEMENT OF QUALIFICATIONS

I, MICHAEL STAMMERS, of Vancouver, British Columbia, hereby certify that:

1. I am a geologist employed by Serem Ltd. of 300 - 530 Thurlow Street, Vancouver, B.C.

2. I hold a B.A. degree in geology and geography from McMaster University, Hamilton, Ontario.

3. I have worked in geology and mineral exploration for 8 years.

4. I am the author of this report and the field work described in this report was carried out under my supervision.

5. I have no financial interest in the claims covered by this report or in Serem Ltd.

Michael Stammers,
Geologist.

Vancouver, B.C.
October 1981.

AFFIDAVIT

IN THE MATTER OF APPLICATION FOR CERTIFICATE OF WORK FOR THE URSUS 1-164 MINERAL CLAIMS, WATSON LAKE MINING DISTRICT, YUKON TERRITORY, SUBMITTED ON BEHALF OF SEREM LTD.

I, Michael Stammers, geologist of SEREM Ltd., Suite 300, 535 Thurlow Street, Vancouver, British Columbia, HEREBY CERTIFY THAT:

The preceding SUMMARY OF COSTS totalling $36,755.70 which is submitted in support of the Application for Certificate of Work, is the actual amount incurred by SEREM Ltd., in conducting a geological, geochemical and geophysical program on the Ursus Mineral Claims, Watson Lake Mining District, during the 1980 and 1981 field seasons.

AND THAT Application for Certificate of Work was submitted for the following Representation Work:

MINERAL CLAIMS	GRANT NUMBERS	AMOUNT APPLIED
URSUS 1-104 incl. (104 claims x 2 years' work applied to each)	YA56148 - YA56251	$20,800.00
URSUS 105-164 incl. (60 claims x 2 years' work applied to each)	YA56862 - YA56921	$12,000.00
Total applied		$32,800.00
Balance of Cost Unapplied		$ 3,955.70

SWORN BEFORE ME at Watson Lake, Yukon, this 9th day of October, 1981.

Notary Public

Michael Stammers

130°30' W

60°30' N

LOGAN

URSUS

"PIT" GRID

FIG 3B

see FIG. 3A SOUTH GRID MAP

FALSE PASS CR.

MOOSE

LITTLE MOOSE RIVER

EAGLE

4500

4000

3500

5000

N

5+70E 5+80E 5+90 E 6+00E 6+10E 6+20E

4+30N — ●4 ●4 ●<2 ●<2

4+20N — ●6 ●3 ●7 ●6

4+10N — ●<2 ●2 ●2 ●13

4+00N — ●48 ●7 ●3 ●83 ●5 ●2 ●9

PIT

3+90N — ●5 ●<2 ●8

3+80N — ●8 ●2 ●<2

3+70N — ●4 ●<2 ●<2

SEREM LTD.

URSUS CLAIMS
N.T.S. 105.B.8/9
YUKON

"PIT" GRID
(No 2)

FIGURE 3B
OCTOBER 1981

Tin Soil Geochem
Values in p.p.m.

0 10 20 30
SCALE IN YARDS

090876

LEGEND

.3 Pegmatitic Related Phases OF A Quartz Monzonite To Granodiorite Pegmatitic, Graphic, Aplite, Micropegmatite And Granitic Textures Muscovite, Biotite, Quartz, Feldspar And Garnet Composition Lesser Metasediments Within INTRUSIVE

2 Skarn

1 Mica SCHIST - Minor Intrusive

Bedding

Schistosity

Lineament

4000 CONTOUR INTERVAL 500'

Area OF Outcrop

Geological Contact - inFerred

ROCK GEOCHEM SAMPLE

Soil Sample (ppm Sn)

Stream Silt 017 (Sn ppm)

panned Sample (Sn ppm)

Soil Anomaly

Stream Silt Anomaly

Panned Sample Anomaly

ppm Tin
7 Jig CONCENTRATE
6 RESIDUAL FINES
<2 ROCK SAMPLE (GEOCHEM ppm Sn)

11 - 20
21 - 40
> 41

11 - 25
26 - 50
> 51

500 - 2000
2000 - 5000
> 5000

SEREM LTD.

PROJECT SELWYN BASIN

TITLE
URSUS CLAIMS, Y.T.
PRELIMINARY GEOLOGY AND Sn GEOCHEMISTRY

DATE OCT. .1981	DATA M.A.S. 1980, 1981
N.T.S. 105 B 8 & 9	DRAWN M.A.S.
SCALE 1 INCH = 0.5 Mi.	CHECKED

0 1.0 MILE 2

FIGURE 3

090876

130° 30' W

60° 30' N

LOGAN

URSUS

MOOSE

EAGLE

LITTLE

MOOSE

RIVER

FALSE PASS CR.

0.515% WO_3

4500

4000

5000

3500

N

LEGEND

- A Soil sample (W ppm)
- 0.25 Stream silt sample (W ppm)
- 195 Panned stream sample (W ppm)
- 4000 Contour interval 500 feet
- Rock geochem sample (W ppm)
- Rock assay (W % WO_3)

SEREM LTD.

PROJECT: SELWYN BASIN

TITLE: URSUS CLAIMS, Y.T.

TUNGSTEN GEOCHEMISTRY

DATE OCTOBER 1981	DATA T.L., M.S.
N.T.S. 105 B 8 & 9	DRAWN T.L., M.S.
SCALE 1 INCH = 0.5 Mi.	CHECKED

0 1.0 MILE 2

FIGURE 4

090879

130° 30' W

60° 30' N

SPRING

LOGAN

URSUS

FALSE PASS CR.

MOOSE

EAGLE

LITTLE

MOOSE

RIVER

4500

4000

5000

3500

N

LEGEND

• 7/11/26 SOIL SAMPLE (Cu/Pb/Zn IN PPM)

O STREAM SILT SAMPLE (Cu/Pb/Zn IN PPM) 4/9/80

—4000— CONTOUR INTERVA (500 FEET)

SEREM LTD.

PROJECT SELWYN BASIN

TITLE

URSUS CLAIMS, Y.T.

Cu/Pb/Zn GEOCHEMISTRY

DATE OCTOBER 1981	DATA M.S.
N.T.S. 105 B 8 & 9	DRAWN M.S.
SCALE 1 INCH = 0.5 Mi.	CHECKED

0 1.0 MILE 2

FIGURE 5

090876

130° 30' W

60° 30' N

LOGAN

URSUS

MOOSE

EAGLE

LITTLE

MOOSE

RIVER

FALSE PASS CR.

SPRING

N

LEGEND

- 5/0.6/2 — SOIL SAMPLE (Au IN ppb / Ag / Mo IN PPM)
- 10/0.9/2 — STREAM SILT SAMPLE (Au IN ppb / Ag / Mo IN PPM)
- 5/-/- — PANNED STREAM SAMPLE (Au IN ppb)
- 4000 — CONTOUR INTERVAL 500 FEET

SEREM LTD.

PROJECT SELWYN BASIN

TITLE

URSUS CLAIMS, Y.T.

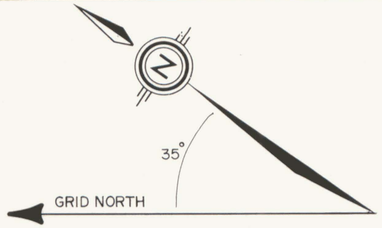
Au/Ag/Mo GEOCHEMISTRY

DATE OCTOBER 1981	DATA M.S.
N.T.S. 105 B 8 & 9	DRAWN M.S.
SCALE 1 INCH = 0.5 Mi.	CHECKED

0 1.0 MILE 2

FIGURE 6

090879



LEGEND

.1609	Reading location, with magnetometer reading in gammas above base level of 57,000.
H	Magnetometer high: >1700
L	Magnetometer low: <1500 – no lows recorded

SEREM LTD

PROJECT: SELWYN BASIN

TITLE:

URSUS MINERAL CLAIMS, YUKON TERRITORY

PROTON MAGNETOMETER SURVEY

DATE: OCT. 1981	DATA: S.F., M.C., M.S.	FIGURE: 7
N.T.S. 105B 8 & 9	DRAWN: C.G.	
SCALE: 1:9144	CHECKED:	

0 100 200 300 400 YARDS 900

25+00E 24 23 22 21 20+00E 18+68E 18 17 16 15+00E 14 13 12 11 10+00E 9 8 7 6 5+00E 4 3 2 1 0+00E

62 61 60+00N 59 58 57 56 55+00N 54 53 52 51 50+00N 49 48 47 46 45+00N 44 43 42 41 40+00N 39 38 37 36 35+00N 34 33 32 31 30+00N 29 28 27 26 25+00N 24 23 22 21 20+00N 19 18 17 16 15+00N 14 13 12 11 10+00N 9 8 7 6 5+00N 4 3 2 1 0+00N

9800