

R. Tays

Box 13

Geochemical Report on the August Group  
Mineral Claims (August, Ben, & CD)  
Atlin M.D. Lat. 59°21'N Long. 131°35'  
N.T.S. 104-0-5  
Owner - S. G. Diakow & B. Kennedy  
September /79 S. G. Diakow  
J. J. McDougall

DIAKOW & KENNEDY Geochemical Report on the August 104-  
Group Mineral Claims. August 258(9), Ben 226(9) B.  
and CD 267(9) Atlin M.D. September 30, 1979.

REFERENCE MEMORANDUM

DATE Dec. 12 19 79

TO W B G Walker

FROM RH Zyl EXT. No. \_\_\_\_\_

- Work Order
- Tax
- Need More Detail
- Please Code
- Please Expedite
- Please See Me
- For Your Information
- For Approval
- Your Comments
- Please Retain
- Please Return
- Please Photocopy
- Please File
- Please Handle

Remarks \_\_\_\_\_

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FNM 774-2-77

*Seems okay storage home that JJ Mc puts his value on D+K which was done before he optioned the property - option deal tough and still incomplete*

This is mostly 17685 (AR)  
but it contains more  
Assay sheets,

Geochemical Report on the  
August Group Mineral Claims

( August 258(9), Ben 226(9) and CD 267(9) )

Atlin M.D.

Lat. 59°21'N      Long. 131°35'W  
N.T.S. 104-0-5

OWNER: S. G. Diakow and B. Kennedy

Vancouver, B.C.  
September 30/79

S. G. Diakow  
J. J. McDougall

to be submitted  
for 2 years assessment on August  
Group as earlier agreed regardless of option  
outcome for examination  
privileges, etc,  
50% full knowledge money  
50% Diakow

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## GEOCHEMICAL SURVEY

### August, Ben and CD Mineral Claims

#### 1. INTRODUCTION

The August Group Mineral Claims are located south of the Jennings River 173 km WSW of Watson Lake, Yukon., Figure 1. Topographically the area has moderate relief in a generally untimbered setting of wide open valleys. Timberline is at about 5500 feet and the claims between 4500 and 6000'.

Access to the claims is by helicopter or by float planes to lakes about 6 miles distant.

A grid was marked off in two areas, chained for control and geochem soil samples (plus a few rock samples) taken as shown on Map 082 -79-1. A separate single line traverse on the CD and Ben claims was also sampled as part of a more regional programme.

#### 2. GENERAL GEOLOGY

The area is underlain by hornfels, quartzite, chert, argillite and shale of the Carboniferous (?) Kedahda Formation. This sequence is intruded by at least one small granite stock (or sill) and is near the northeast contact of the Christmas Creek Batholith.

Mineralization, which may be related to the intrusives, consists of arsenic-rich lead, zinc and antimony-sulpho salts, plus pyrite, occupying fractures and other structures in the meta-sediments. Tin and silver values are present as is minor beryllium, bismuth, and fluorine.

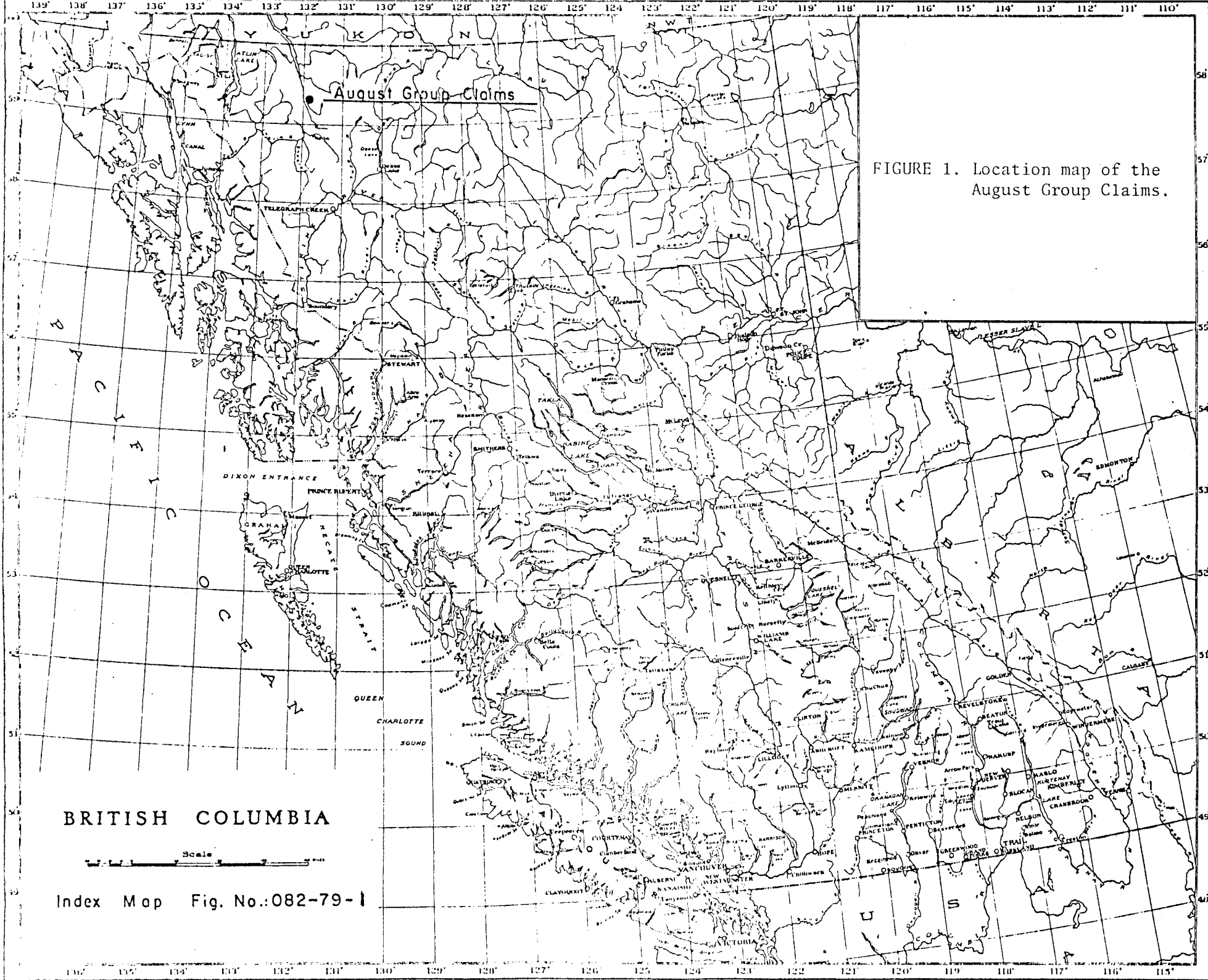


FIGURE 1. Location map of the August Group Claims.

HISTOGRAM FOR ELEMENT AG

\*\*\*\*\*

FREQUENCY

P. L. CHAN LIMITED

PRINTED IN CANADA

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 32 . \*\*\*\*  
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 28 . \*\*\*\*  
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 23 . \*\*\*\*  
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 18 . \*\*\*\*  
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 14 . \*\*\*\*  
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N = 248

mean = 0.59

std.dev. = 0.68

median = 0.40

0 . 0.4 . 0.8 . 1.2 . 1.6 . 2.0 . 2.4 . 2.8 . 3.2 . 3.6 . 4.0 . 4.4 . 4.8 . 5.2 . 5.6 . 6.0

FIGURE 2: G. DIAROW DATA, SOIL B HORIZON

HISTOGRAM FOR ELEMENT AS

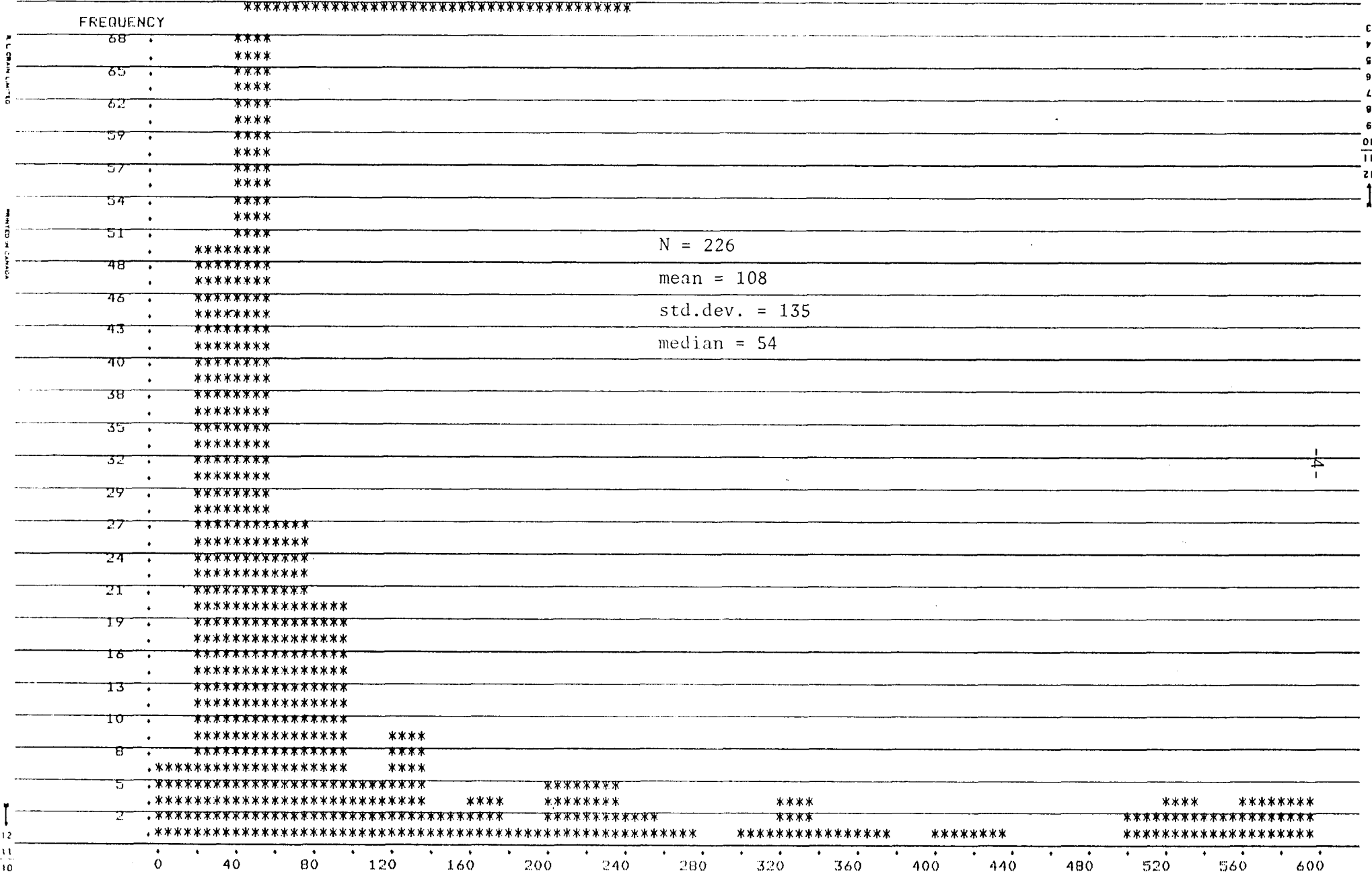


FIGURE 3: G. DIAKOW DATA, SOIL B HORIZON



HISTOGRAM FOR ELEMENT PB

PRINTED IN CANADA

PRINTED IN CANADA

FREQUENCY

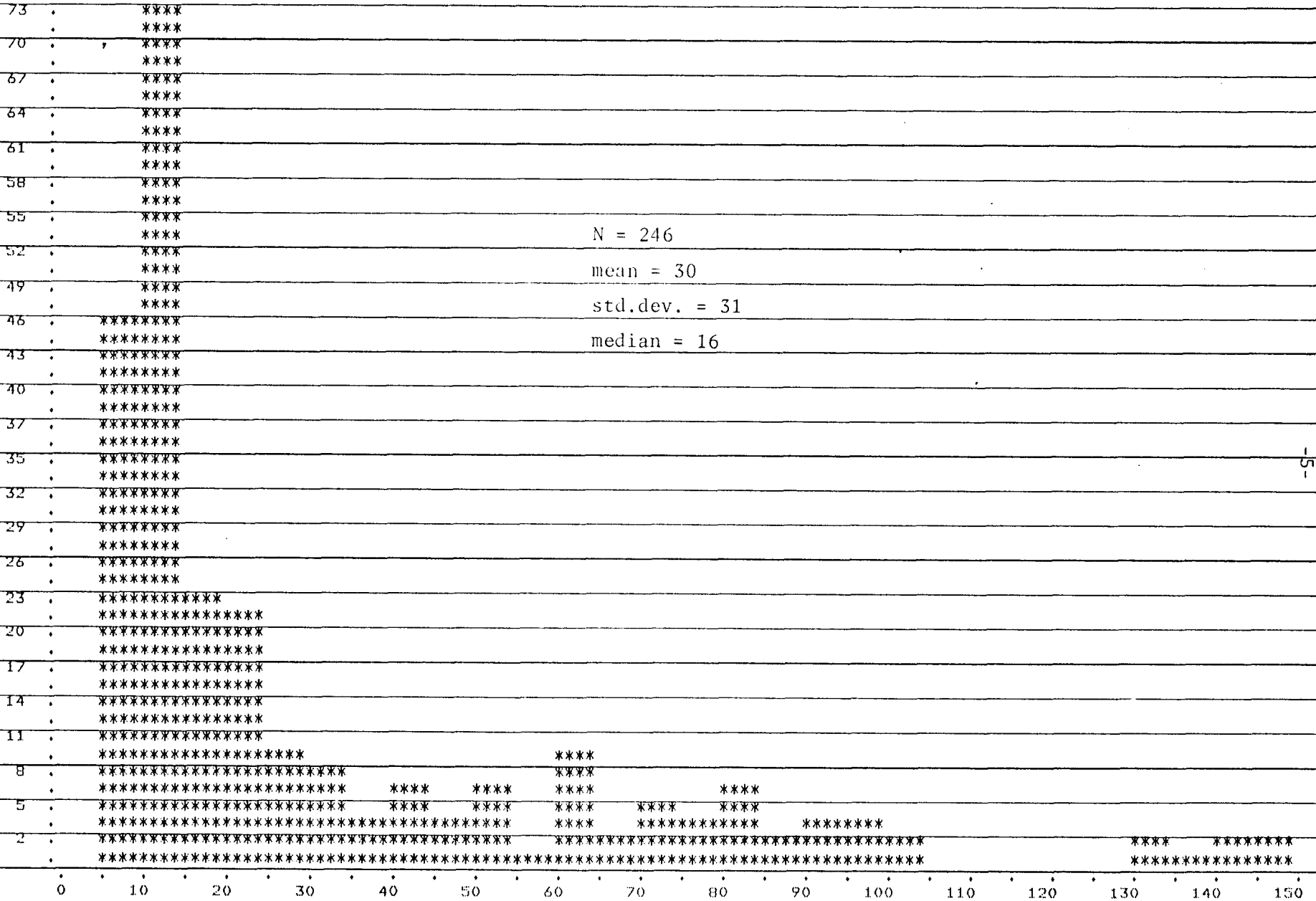


FIGURE 4: G. DIAROW DATA, SOIL B HORIZON

HISTOGRAM FOR ELEMENT ZN

L. CHAN LIMITED

REGISTERED IN CANADA

12

11

10

9

8

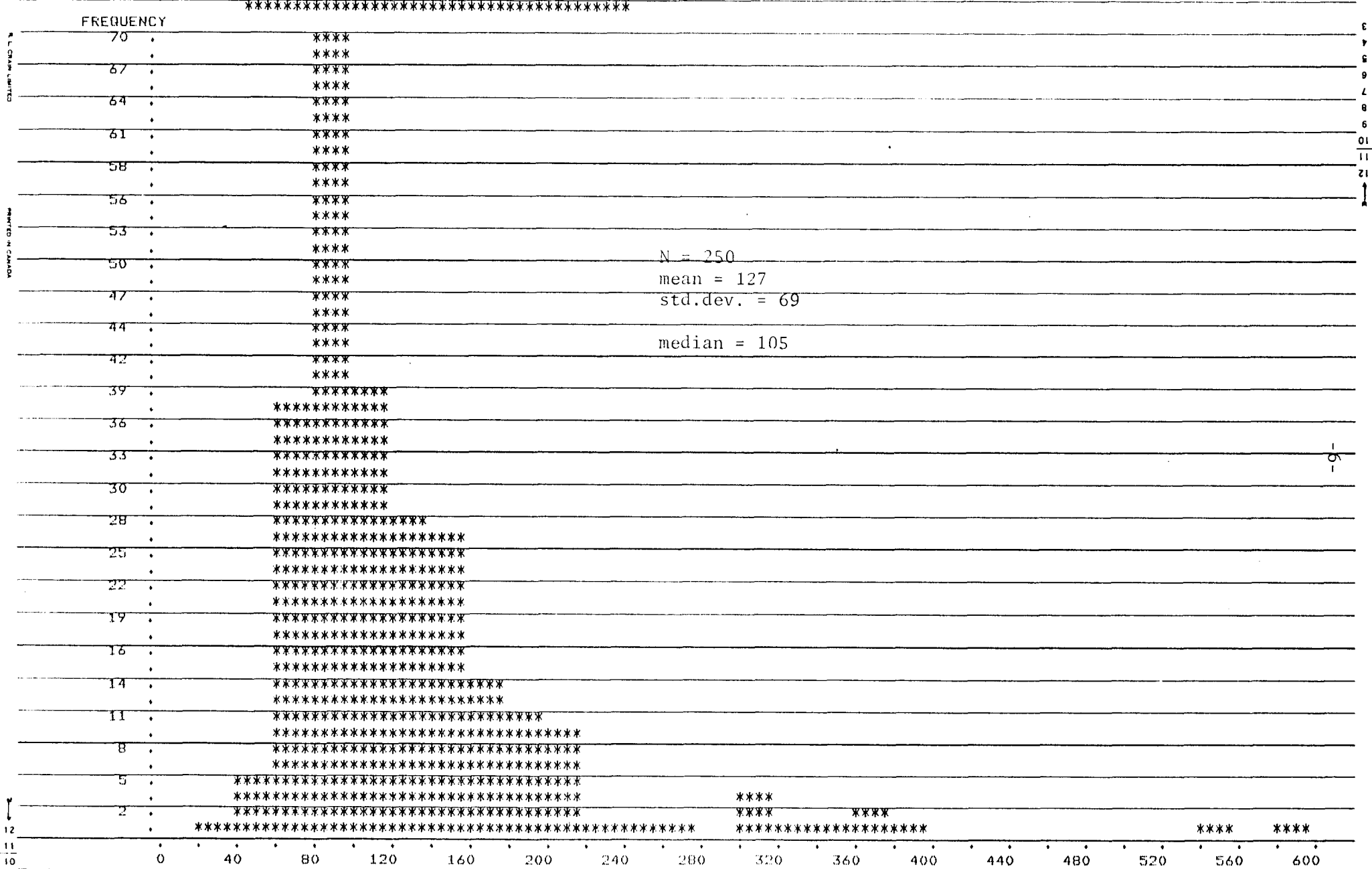


FIGURE 5: G. DIKOW DATA, SOIL B HORIZON

### 3. GEOCHEMICAL SURVEY

Although bedrock and talus occupy much of the central area of the claims, sufficient grassy soil cover is present at lower elevations to allow suitable soil geochemical investigation. Thick glacial cover will be a problem in part, however.

Soil samples were taken along two grids established on the August and on the Ben Claims. A separate single line traverse was made across the Ben and part of the CD claims.

Spacings of the 305 samples taken were 65 and 75 metres along lines 65 and 150 metres apart respectively on the grids, and at 50 metre intervals along the single traverse line. In addition, some 15 samples of mixed talus and soils were gathered and analysed, along with another 10 of near-bedrock material. All values are plotted, but not contoured; on Map 082-79-1 accompanying.

Samples were taken at depths of 5 to 15 cm in either the A or B horizon, depending upon which was present. In addition, as noted the C horizon was sampled on occasion when near surface.

The soil samples were sent to the Bondar - Clegg Laboratories in Vancouver for analysis, and some of the rock-soil mixtures sent to Min-En Laboratories also in Vancouver. Locations plotted (values Appendix IV).

The method of sample preparation and analysis is given in Appendix III. The samples were analysed for silver, lead, zinc and arsenic supplemented on occasion by copper, iron, antimony, manganese, and molybdenum.

### 4. CONCLUSIONS

It is obvious that geochem response in the thinner (to 30 cm) soils is good but disruption due to thicker glacial features (moraines, etc.) may be appreciable. Contamination due to talus is also a factor.

The trend of the mineralized zone appears well outlined via all major elements analyzed for, but arsenic appears the most pronounced.

Histograms are included for Ag, As, Pb and Zn (Figures 2 - 5 inclusive) with mean, standard deviation, median etc calculated for each as shown. Of interest is a second separate grouping of arsenic and lead values in the higher ppm range. Further statistical treatment may help confirm a suspected change in silver ratios relative to these higher values due leaching or multiple stage mineralization.

APPENDICES

APPENDIX I

STATEMENT OF EXPENSES

Grid Preparation

S. G. Diakow, B. Kennedy  
2 days at \$80/day (2X2X80)  
September 12, 13/79 \$ 320.00

Sample Collection

S. G. Diakow, B. Kennedy  
9 days at \$80/day (2X9X80)  
September 14-22/79 1440.00

S. Zastavnikovich  
2 days at \$80/day  
July 29, 30/79 160.00

P. Burns  
3 days at \$90/day  
Sept. 15, 24, 25/79 270.00

J. McDougall  
1 day at \$100/day  
Sept. 15/79 100.00

Board -- 28 man days at \$18/day/man 504.00

Helicopters

July 29,30 548.70

September 15/79 1125.00

September 26/79 1125.00

Fixed wing -- Atlin 4 trips @ \$128.00 = 512.00

Truck -- Vancouver-Atlin return 600.00

Sample Preparation

(a) 250 samples, Bondar - Clegg	1575.00
(b) 15 samples, Min-En Labs	225.00
(c) 40 samples - Bondar - Clegg	350.00

Report Preparation

Drafting	
2 days September 29, 30 (2 X80)	160.00
Writing, typing, assembling, reproduction, map & Report	
2 days @ \$100/day	200.00

Total Expenses                   \$ 9214.70

APPENDIX II

November 7, 1979

The Chief Mining Recorder  
Atlin Mining Division  
Victoria, B. C.

Dear Sir:

This is to certify that the geochemical field work was done under my direction as Exploration Manager, Falconbridge Nickel Mines Limited, Western Division.

P. Burns is a fully qualified project geologist in the employ of Falconbridge Nickel Mines Limited with at least 10 years experience in this field.

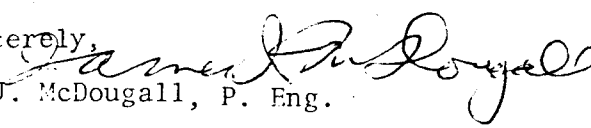
S. Zastavnikovich is a University Graduate employed by Falconbridge Nickel Mines Limited as a Supervising Technician being involved in geochemical supervision for at least 10 years.

Dr. I. L. Elliott, with a PhD in Applied Geochemistry, and Bruce Downing (MSc Geology), both Falconbridge employees, helped with the report preparation including computer analysis.

S. G. Diakow has been working in various phases of mining exploration for 12 years, and has acted in a technical capacity during the past 5 years for Union Carbide and Canadian Superior Exploration Limited.

B. Kennedy is a fully qualified prospector and field technician, having worked under the direction of Mr. Diakow for several years.

Sincerely,

  
J. J. McDougall, P. Eng.





APPENDIX III

METHOD OF SAMPLE ANALYSIS

The samples were prepared and analyzed at the Bondar-Clegg and Min-En Laboratories, Vancouver.

Method of determination for Cu, Pb, Zn, Ag, As, Sb, Fe and Mn:

Samples are:

1. Dried in infra-red driers
2. Sieved to -80 mesh
3. Weighed out 0.5 gm.
4. Digested in LeFort aqua regia for three hours
5. Evlked to 20% acid concentration and homogenized
6. Allowed one hour setting time
7. Analyzed by atomic absorption in constant comparison with both synthetic and matrix standards
8. Permanently recorded on chart paper
9. Pb and Ag corrected for background interference.

# Certificate of Assay

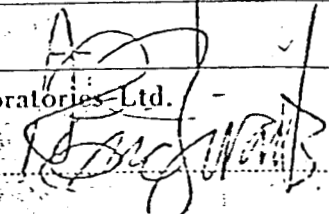
TO: Falconbridge Nickel Mines, PROJECT No. \_\_\_\_\_

700-1112 W. Pender St., DATE Sept. 27/79.

Vancouver, B.C. V6E 2S1. File No. 9-690

SAMPLE No.	Cu %	Pb %	Zn %	Ag	Au
				oz/ton	oz/ton
10376 ✓	--	--	--	✓ 1.85	.003
77 ✓	--	--	--	✓ 3.05	.002
78	--	--	--	41.50	.010
79 ✓	--	--	--	✓ 2.15	.004
80 ✓	--	--	--	✓ 1.02	.002
81	--	--	--	4.30	.003
82	.078	1.32	.04	51.00	.064
83	--	--	--	42.00	.010
84 ✓	--	--	--	✓ 3.20	.004
85 ✓	--	--	--	✓ .22	.001
86	--	--	--	14.00	.011
87 ✓	.011	.13	.03	✓ 1.32	.001
88	.243	3.79	.13	60.00	.005
89	.256	--	--	53.50	.027
90	--	--	--	4.30	.007
91 ✓	--	--	--	✓ .20	.002
92 ✓	--	--	--	✓ 1.20	.001
93 ✓	--	--	--	✓ .08	.001
94 ✓	--	--	--	✓ .06	.002
95	.082	12.05	.71	14.20	.022
96 ✓	--	--	--	✓ 1.28	.002
10397 ✓	--	--	--	✓ .31	.003

MIN-EN Laboratories Ltd.

CERTIFIED BY 



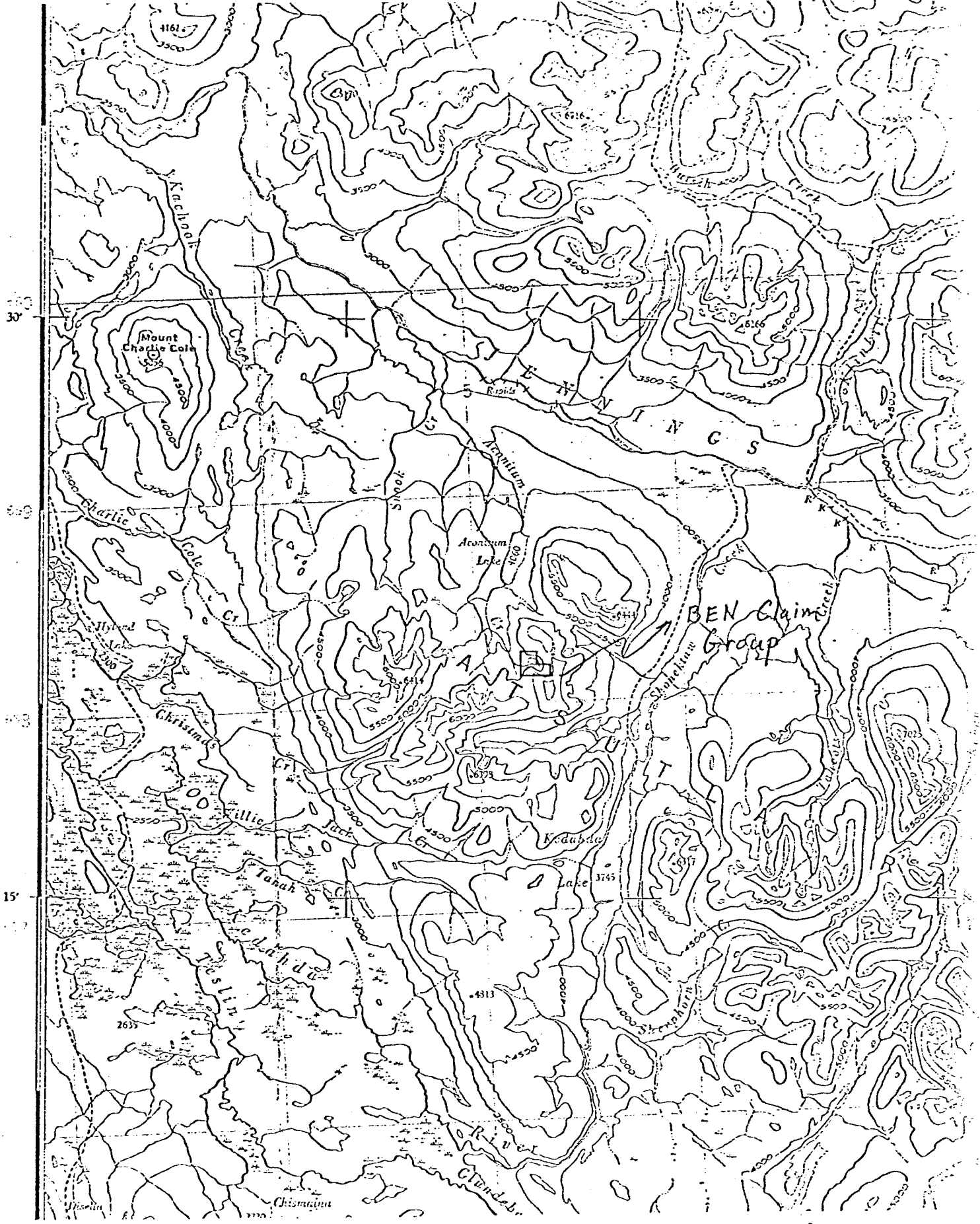


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2. Introduction and Description
4. Sketch A
5. Statement of Qualifications
6. Statement of Expenditures
7. Assay Reports

### Maps in Pocket

- Map A Geology and sample location
- Map B Traverses

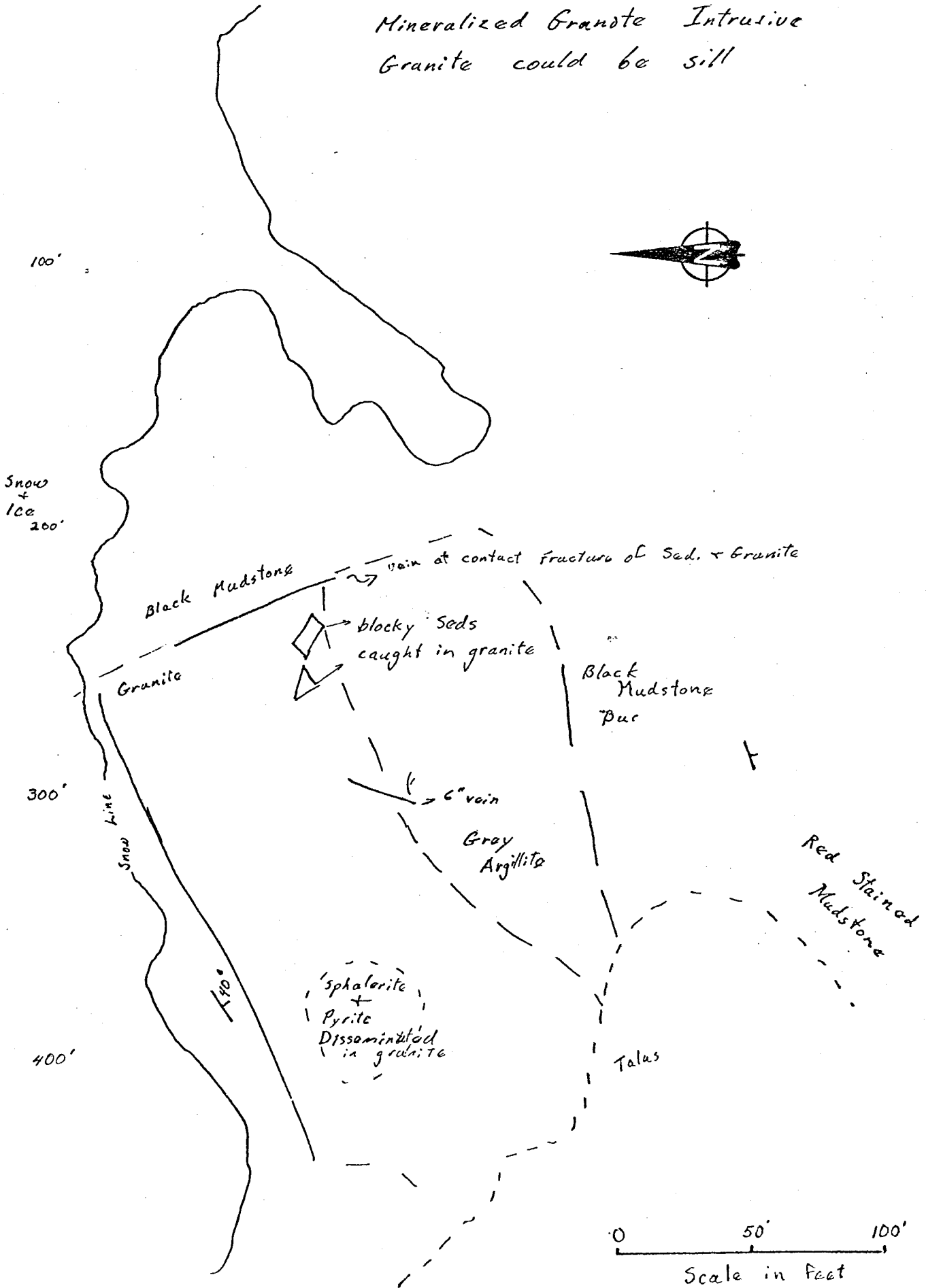


Jennings River Sheet 104-0

South west corner  
Ben Group

Sketch A

Mineralized Granite Intrusive  
Granite could be sill



REPORT ON THE BEN CLAIMS ATSUTLA MTNS., B.C.INTRODUCTION

The writer was a member of Union Carbide's regional tungsten program in 1974 when he first discovered float in the area. A British Columbia provincial government prospectors assistance grant in 1977 enabled a return to the area.

Four new silver in situ occurrences were found. Three claims consisting of 24 units were staked and recorded.

August - claim staked August 26, 1977 recorded September 23, 1977 - 12 units  
 Ben - claim staked August 31, 1977 recorded September 30, 1977 - 8 units  
 C-D - claim staked August 31, 1977 recorded September 30, 1977 - 4 units

Ownership of claims is 95% Gerry Diakow and Bruce Kennedy and 5% Canadian Superior Exploration Limited.

GEOLOGY

The Ben claims are located in the Kedahda formation at the northeast contact of the Christmas creek batholith. The hardened sedimentary rocks of probable Carboniferous or Permian age consist of quartzite, mudstone, chert interlayered with argillite, and greenstone. A granite sill overlain by black mudstone is exposed in the main cirque; fluorite rich pegmatite float was also picked up in the same cirque.

SHOWINGS

Four mineralized areas on the property were mapped and sampled.

A: Three veins containing, arsenopyrite, sphalerite, and galena at a granitic sill and mudstone contact, the veins are 4 to 8 inches wide and exposed 10 to 25 feet assaying.

	Ag oz/tons	Au oz/tons	Pb %	Zn %	Sn %
Vein 1	12.05	.012	1.90	.31	.12
Vein 2	20.50	.02	.29	1.50	.07
Vein 3	15.70	.043	.3	.35	.02



B: Black calcareous graphitic shale with no recognizable sulfides assayed.

Ag oz/ton	Au oz/ton
3.48	.001
2.4	tr

C: Two argentiferous galena veins approximately 14 and 18 inches wide located on a cirque face at south east corner of property.

Ag oz/ton	Au oz/ton	Pb %	Zn %	Sb %
51.2	.030	23.86	.93	
20.1	.02	8.55	2.96	.15

D: Trenching with dynamite exposed a brecciated green volcanic bed approximately 4.5 feet thick where trenched. The footwall was not reached. The upper 2 feet is silicified, and the lower 2.5 feet is mineralized with greater than 20% arsenopyrite.

	Ag oz/ton	Beryllium %	Sn %
Upper 2'	.3	.2	.01
	1.98		.1
Lower	.97		.05

The Department of Mines and Petroleum Resources of B.C. ran a spectrochemical analysis for each sample. The samples containing tin also carried high tin-associated minerals such as beryllium, bismuth, and arsenopyrite. This mineral assemblage in conjunction with fluorite-pegmatite veins could indicate a possible griesen or pluton type deposit.

S.G. Diakow

Vancouver, British Columbia.

February 10, 1978.

STATEMENT OF QUALIFICATIONS

I, S.G. Diakow, of the City of Vancouver, in the Province of British Columbia, do hereby state that:

1. I have been working in different phases of mining exploration for the past eleven years.
2. During the past five years I have prospected for Union Carbide and Canadian Superior Exploration Limited.
3. I did all the sampling and mapping.
4. I have taken and passed the B.C. Department of Mines Prospecting Exam.

S.G. Diakow,  
Vancouver, B.C.,  
September 22, 1978.



To: \_\_\_\_\_

PAGE No. \_\_\_\_\_

BONDAR-CLEGG & COMPANY LTD.

REPORT No \_\_\_\_\_

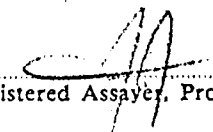
DATE: \_\_\_\_\_

CERTIFICATE OF ASSAY

Samples analyzed: May 21/70  
Results completed: May 26/70

I hereby certify that the following are the results of assays made by us upon the herein described \_\_\_\_\_ samples.

MARKED	GOLD		SILVER	Fe	Zn						TOTAL VALUE PER TON (2000 LBS.)
	Ounces per Ton	Value per Ton	Ounces per Ton	Percent	Percent	Percent	Percent	Percent	Percent	Percent	
1	6.030		51.2	23.16	0.91						
2	1.670		37.0	14.66	5.47						
3	3.110		27.2	-	-						

  
Registered Assayer, Province of British Columbia






 DEPARTMENT OF MINES AND PETROLEUM RESOURCES  
 VICTORIA

SAMPLE RECEIVED FROM..... S. G. DIAKOW

ADDRESS..... 2878 West 38th Avenue, Vancouver, B. C. V6N 2W9

LABORATORY No.	SUBMITTER'S MARK	LABORATORY REPORT
<i>vein</i> 961 1	2751 A	Spectrochemical Analysis: Copper; Lead; Zinc; 0.15% Antimony; greater than 5% Arsenic; 0.02% Tin and 0.08% Cadmium were found. The other base metals found, and their percentages, were those occurring normally in rocks.  Gold - 0.02 oz. per ton Silver - 20.1 oz. per ton  Copper - 0.09% Lead - 8.55% Zinc - 2.96%
962 2	2752 A	Spectrochemical Analysis: Copper; Lead; Zinc; 0.75% Antimony; 0.05% Arsenic and 0.01% Tin were found. The other base metals found, and their percentages, were those occurring normally in rocks.  Gold - Trace Silver - 0.8 oz. per ton  Copper - 0.10% Lead - 0.91% Zinc - 0.03%

THIS DOCUMENT, OR ANY PART THEREOF, MAY NOT BE REPRODUCED FOR PROMOTIONAL OR ADVERTISING PURPOSES.

DATE..... October 25, 1977

*Frank F. Karpick*  
 for CHIEF ANALYST AND ASSAYER.



DEPARTMENT OF MINES AND PETROLEUM RESOURCES  
VICTORIA

SAMPLE RECEIVED FROM..... S. G. DIAKOW ..... Page 2

ADDRESS..... 2878 West 38th Avenue, Vancouver, B. C. ....

LABORATORY No.	SUBMITTER'S MARK	LABORATORY REPORT
963 3	2753 A	<p>Spectrochemical Analysis: 0.04% Lead; 0.05% Copper and 0.1% Beryllium were found. The other base metals found, and their percentages, were those occurring normally in rocks.</p> <p>Gold - Trace Silver - Trace</p>
964 4 <i>shale</i>	2754 A	<p>Spectrochemical Analysis: 0.08% Lead; 0.02% Copper and 0.04% Antimony were found. The other base metals found, and their percentages, were those occurring normally in rocks.</p> <p><i>Background base Metals</i> Gold - Trace Silver - <u>2.4 oz.</u> per ton</p>
965 5 <i>schist</i>	2755 A	<p>Spectrochemical Analysis: 0.02% Lead and 0.02% Copper were found. The other base metals found, and their percentages, were those occurring normally in rocks.</p> <p>Gold - Trace Silver - Trace</p> <p>Uranium equivalent - 13 ppm</p>

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DATE..... October 25, 1977 .....

*Frank F. Harpich*  
102 CHIEF ANALYST AND ASSAYER.





DEPARTMENT OF MINES AND PETROLEUM RESOURCES  
VICTORIA

SAMPLE RECEIVED FROM S. G. DIAKOW Page 3

ADDRESS 2878 West 38th Avenue, Vancouver, B. C.

LABORATORY No.	SUBMITTER'S MARK	LABORATORY REPORT
<i>Trace</i> 966 6	2756 A	<p>1 = 2.0</p> <p><i>112</i></p> <p>Spectrochemical Analysis: 0.2% Lead; 0.03% Copper; 0.01% Zinc; 0.1% Antimony; greater than 5% Arsenic and <u>0.1% Tin</u> were found. The other base metals found, and their percentages, were those occurring normally in rocks.</p> <p>Gold - Trace Silver - Trace</p> <p><u>Identification:</u> Rock type - Breccia. Predominant sulphide - ARSENOPYRITE. Sample is very similar to 969 (2759 A) except a bit more weathered.</p>
<i>Trace</i> 967 7	2757 A	<p>Spectrochemical Analysis: 0.25% Lead; 0.02% Copper; 0.1% Zinc; 3.0% Arsenic; <u>0.01% Tin</u> and <u>0.2% Beryllium</u> were found. The other base metals found, and their percentages, were those occurring normally in rocks.</p> <p>No Tungsten was found.</p> <p>Gold - Trace Silver - 0.3 oz. per ton</p>

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DATE October 25, 1977

*Frank F. Karpick*  
CHIEF ANALYST AND ASSAYER



DEPARTMENT OF MINES AND PETROLEUM RESOURCES  
VICTORIA

SAMPLE RECEIVED FROM S. G. DIAKOW Page 4

ADDRESS 2878 West 38th Avenue, Vancouver, B. C.

LABORATORY No.	SUBMITTER'S MARK	LABORATORY REPORT
<i>Trace</i> 968 3	2758 A	<p>Spectrochemical Analysis: 0.3% Lead; 0.01% Zinc; 0.02% Cobalt; 0.05% Antimony; greater than 5% Arsenic and 0.03% Tin were found. The other base metals found, and their percentages, were those occurring normally in rocks.</p> <p>No Tungsten was found.</p> <p>Gold - Trace Silver - 0.4 oz. per ton</p>
<i>Trace</i> 969 7	2759 A	<p>Spectrochemical Analysis: 0.25% Lead; 0.02% Copper; 0.05% Antimony; greater than 5% Arsenic; 0.05% Tin and a trace of Zinc were found. The other base metals found, and their percentages, were those occurring normally in rocks.</p> <p>Gold - Trace Silver - 0.6 oz. per ton</p> <p><u>Identification</u> - ARSENOPYRITE</p>

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FOR PROMOTIONAL OR ADVERTISING PURPOSES.

DATE October 25, 1977

*Frank F. Karpisk*  
for CHIEF ANALYST AND ASSAYER.



DEPARTMENT OF MINES AND PETROLEUM RESOURCES  
VICTORIA

SAMPLE RECEIVED FROM..... S. G. DIAKOW ..... Page 5

ADDRESS..... 2878 West 38th Avenue, Vancouver, B. C. ....

LABORATORY No.	SUBMITTER'S MARK	LABORATORY REPORT
970	2760 A <i># 12 sample</i>	<p>Spectrochemical Analysis: 0.3% Lead; 0.05% Copper; 0.35% Zinc; 0.07% Arsenic; 0.02% Tin and 0.01% Cadmium were found. The other base metals found, and their percentages, were those occurring normally in rocks.</p> <p>Gold - Trace Silver - 0.7 oz. per ton</p>
971	2761 A <i># 12 sample</i>	<p>Spectrochemical Analysis: 0.55% Lead; 0.05% Copper; 1% Zinc; 1% Arsenic; 0.04% Tin and 0.03% Cadmium were found. The other base metals found, and their percentages, were those occurring normally in rocks.</p> <p>Gold - Trace Silver - 1.0 oz. per ton</p>
972	2762 A <i># 12 sample</i>	<p>Spectrochemical Analysis: 0.01% Lead; 0.02% Copper and 0.02% Zinc were found. The other base metals found, and their percentages, were those occurring normally in rocks.</p> <p>Gold - Trace Silver - Trace</p> <p>Uranium equivalent - 6 ppm</p>

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FOR PROMOTIONAL OR ADVERTISING PURPOSES.

DATE..... October 25, 1977 .....

*Frank F. Karpick*  
for CHIEF ANALYST AND ASSAYER.



DEPARTMENT OF MINES AND PETROLEUM RESOURCES  
VICTORIA

SAMPLE RECEIVED FROM..... S. G. DIAKOW..... Page 6

ADDRESS..... 2878 West 38th Avenue, Vancouver, B. C. ....

LABORATORY No.	SUBMITTER'S MARK	LABORATORY REPORT
973	2763 A <i>2763 A</i>	<p>Spectrochemical Analysis: 0.02% Copper and a trace of Zinc were found. The other base metals found, and their percentages, were those occurring normally in rocks.</p> <p>Gold - Trace Silver - Trace</p> <p>Uranium equivalent - 8 ppm</p> <p><u>X-ray Identification</u> - No cubic crystals observed. White specks (probably pseudomorphic after original feldspar crystals) consist of essentially SERICITE (fine-grained muscovite) with minor clay minerals (most likely DICKITE) and Quartz.</p>
974	2764 A <i>2764 A</i>	<p>Spectrochemical Analysis: 0.03% Copper and a trace of Lead and Zinc were found. The other base metals found, and their percentages, were those occurring normally in rocks.</p> <p>Gold - Trace Silver - Trace</p>

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DATE..... October 25, 1977.....

*Frank F. Karpish*

CHIEF ANALYST AND ASSAYER.



DEPARTMENT OF MINES AND PETROLEUM RESOURCES  
VICTORIA

SAMPLE RECEIVED FROM..... S. G. DIAKOW ..... Page 7

ADDRESS..... 2878 West 38th Avenue, Vancouver, B. C. ....

LABORATORY No.	SUBMITTER'S MARK	LABORATORY REPORT
975	2765 A <i>* "general"</i>	<p>Spectrochemical Analysis: 0.02% Copper; 0.01% Lead and a trace of Zinc were found. The other base metals found, and their percentages, were those occurring normally in rocks.</p> <p>Gold - Trace Silver - Trace</p>
976	2766 A <i>F 12</i>	<p>Spectrochemical Analysis: 0.02% Copper and a trace of Zinc and Lead were found. The other base metals found, and their percentages, were those occurring normally in rocks.</p> <p>Gold - Trace Silver - Trace</p>
977	2767 A <i>F 13</i>	<p>Spectrochemical Analysis: 0.15% Lead; 0.02% Copper; 0.25% Zinc; 0.13% Arsenic and 0.02% Tin were found. The other base metals found, and their percentages, were those occurring normally in rocks.</p> <p>No Tungsten was found.</p> <p>Gold - Trace Silver - Trace</p>

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LABORATORY No.	SUBMITTER'S MARK	LABORATORY REPORT
978 <i>sill</i>	2768 A <i>#119</i>	<p>Spectrochemical Analysis: Copper; Lead; Zinc; 0.2% Antimony; greater than 5% Arsenic; <u>0.07% Tin</u> and 0.04% Cadmium were found. The other base metals found, and their percentages, were those occurring normally in rocks.</p> <p>Gold - 0.02 oz. per ton Silver - 5.7 oz. per ton</p> <p>Copper - 0.09% Lead - 0.29% Zinc - 1.50%</p>
979 <i>sill</i>	2769 A <i>#119 Trace</i>	<p>Spectrochemical Analysis: 0.01% Copper; 0.02% Zinc; 0.2% Lead; 0.02% Cobalt; 0.06% Antimony; greater than 5% Arsenic and <u>0.06% Tin</u> were found. The other base metals found, and their percentages, were those occurring normally in rocks.</p> <p>Gold - Trace Silver - Trace</p>

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LABORATORY NO.	SUBMITTER'S MARK	LABORATORY REPORT
980 <i>sil</i>	2770 A <i>#15</i>	<p>Spectrochemical Analysis: Copper; Lead; Zinc; 0.1% Antimony; greater than 5% Arsenic; 0.12% Tin and 0.02% Cadmium were found. The other base metals found, and their percentages, were those occurring normally in rocks.</p> <p>Gold - 0.02 oz. per ton Silver - 10.1 oz. per ton</p> <p>Copper - 0.07% Lead - 1.90% Zinc - 0.31%</p>
981	2771 A <i>#16</i>	<p>Spectrochemical Analysis: 0.5% Lead; 0.03% Copper; 0.17% Zinc; 0.06% Antimony; greater than 5% Arsenic and 0.07% Tin were found. The other base metals found, and their percentages, were those occurring normally in rocks.</p> <p>Gold - 0.01 oz. per ton Silver - 1.9 oz. per ton</p>

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ADDRESS..... 2878 West 38th Avenue, Vancouver, B. C. ....

LABORATORY No.	SUBMITTER'S MARK	LABORATORY REPORT
982	2772 A <i>217 g/100 g</i>	Spectrochemical Analysis: 0.01% Lead; 0.03% Arsenic and a trace of Copper and Zinc were found. The other base metals found, and their percentages, were those occurring normally in rocks.  Gold - Trace Silver - Trace
983	2773 A <i>4.17 g/100 g</i>	Spectrochemical Analysis: 0.25% Lead; 0.03% Copper; 0.02% Zinc; 0.04% Antimony; greater than 5% Arsenic and 0.03% Tin were found. The other base metals found, and their percentages, were those occur- ring normally in rocks.  Gold - 0.01 oz. per ton Silver - 1.1 oz. per ton
984	2774 A <i>716</i>	Spectrochemical Analysis: Copper; Lead; Zinc; 0.05% Antimony; greater than 5% Arsenic; 0.03% Tin and 0.02% Cadmium were found. The other base metals found, and their percentages, were those occur- ring normally in rocks.  No Tungsten was found.  Gold - 0.01 oz. per ton Silver - 1.3 oz. per ton Copper - 0.03% Lead - 0.05% Zinc - 1.45%

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ADDRESS..... 2878 West 38th Avenue, Vancouver, B.C. ....

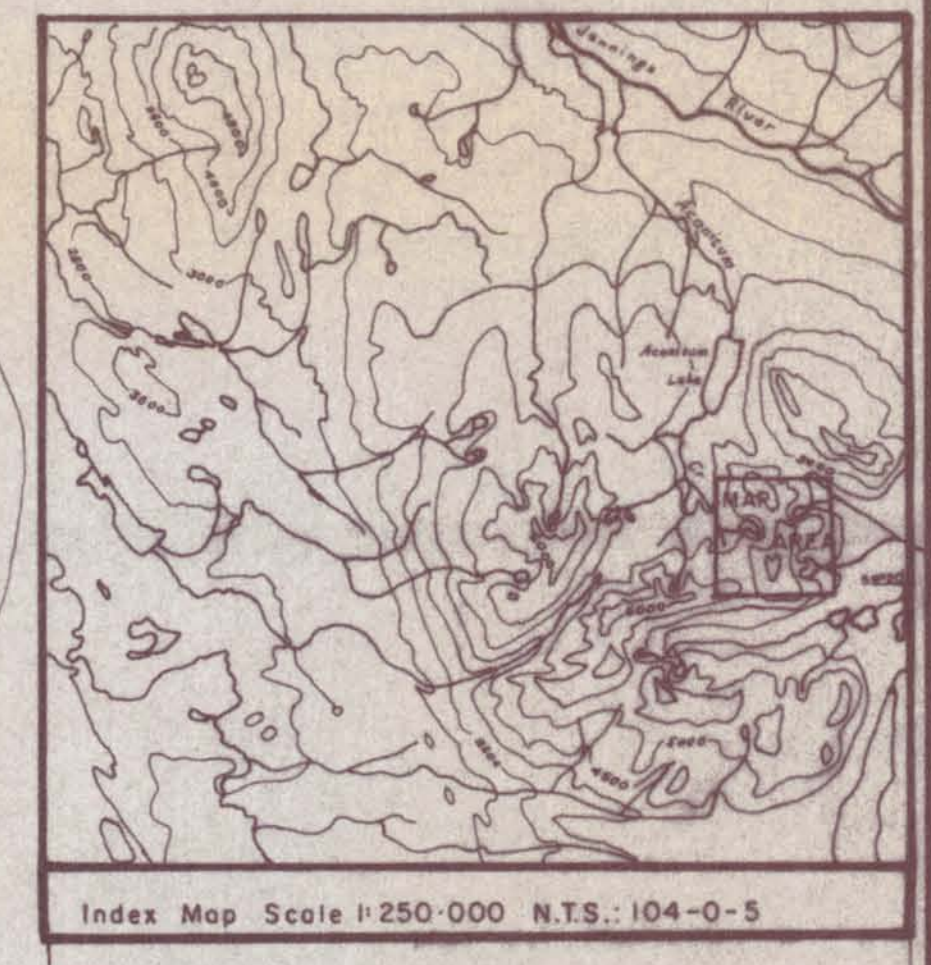
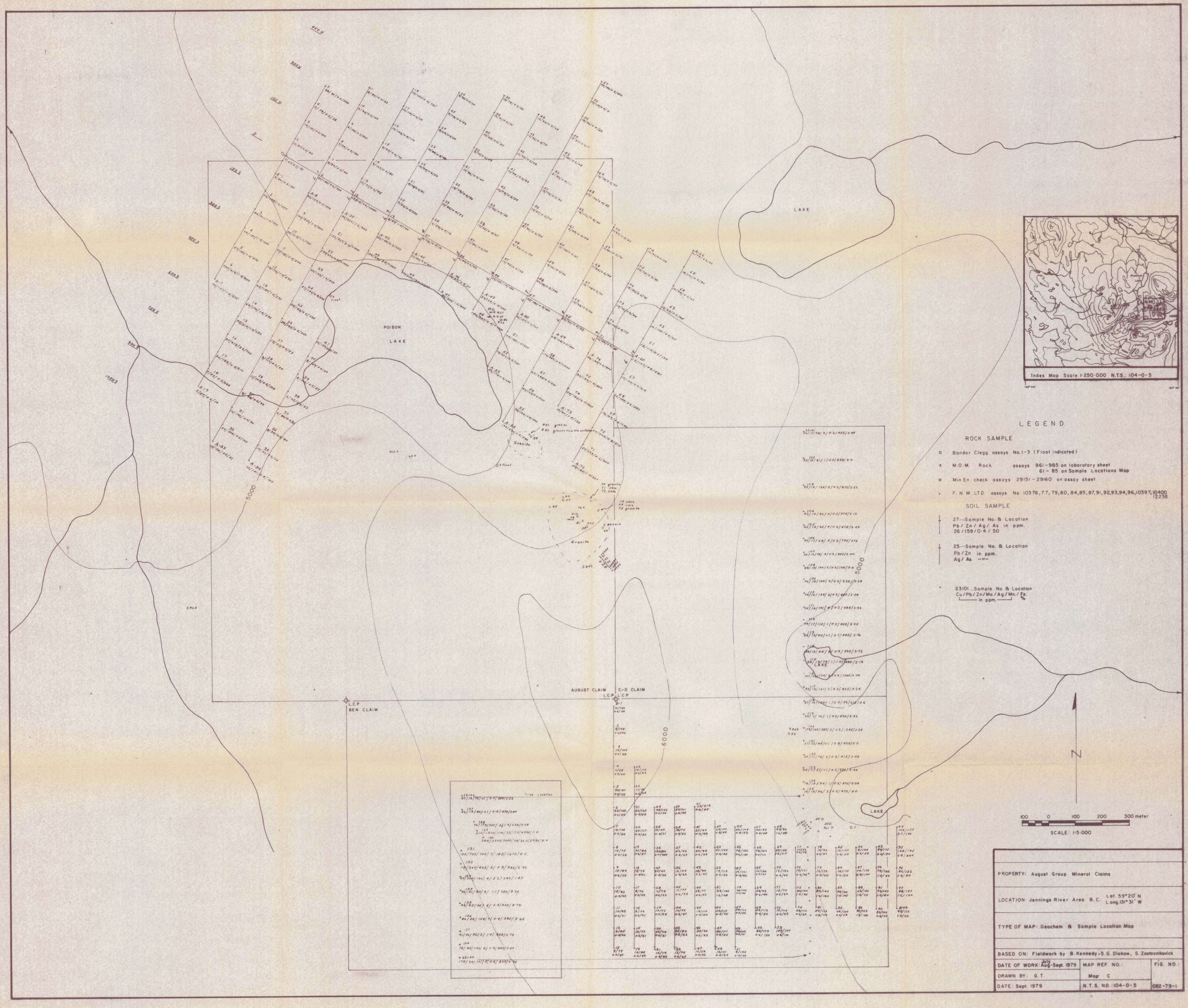
LABORATORY No.	SUBMITTER'S MARK	LABORATORY REPORT
984	2774 A #13	X-ray Identification - ANKERITE, a calcium magnesium, iron carbonate.
985	2775 A #17	<p>Spectrochemical Analysis: Copper; Lead; Zinc; 0.04% Antimony; 0.3% Arsenic; 0.02% Tin and 0.05% Cadmium were found. The other base metals found, and their percentages, were those occurring normally in rocks.</p> <p>Gold - Trace Silver - Trace</p> <p>Copper - 0.02% Lead - 0.09% Zinc - 3.2%</p>

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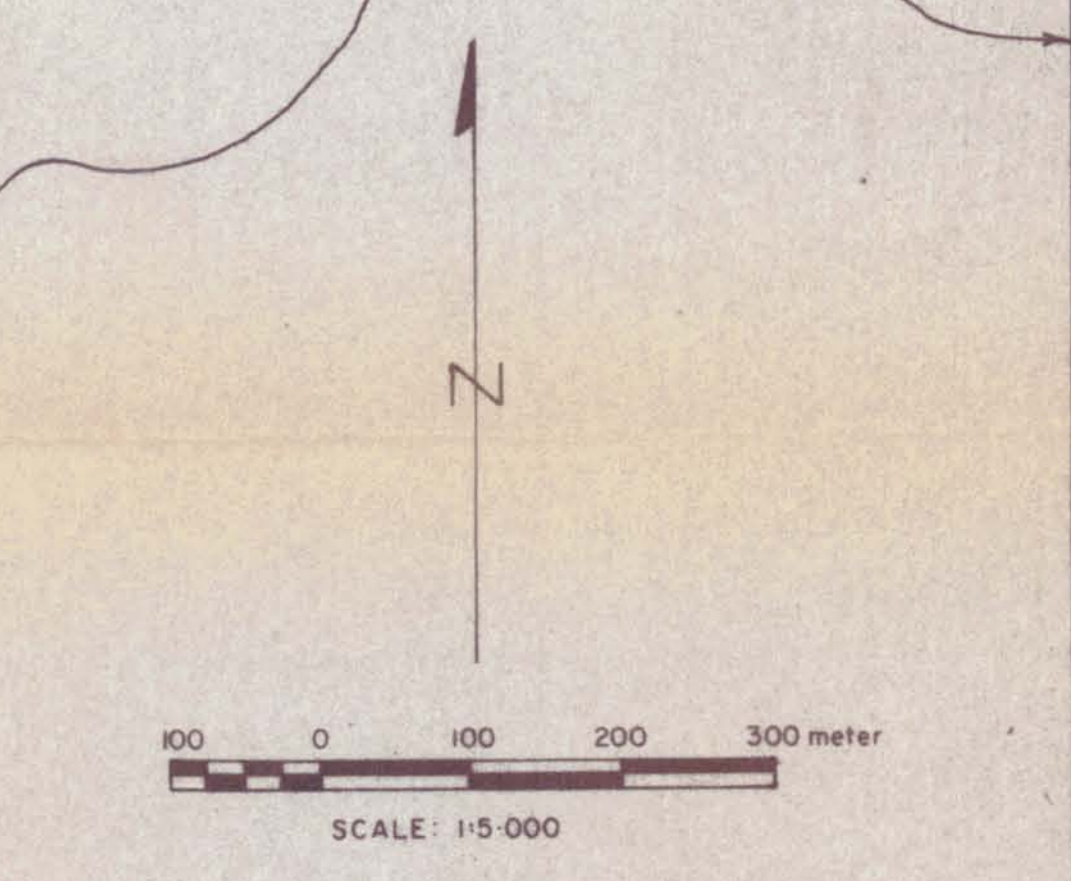


- LEGEND**
- ROCK SAMPLE**
- o Bondar Clegg assays No. 1-3 (Float indicated)
  - x M.O.M. Rock assays 961-985 on laboratory sheet 61-85 on Sample Locations Map
  - o Min En check assays 29151-29160 on assay sheet
  - F.N.M.LTD assays No. 10376, 77, 79, 80, 84, 85, 87, 91, 92, 93, 94, 96, 10397, 10400, 12236
- SOIL SAMPLE**
- + 27--Sample No. & Location Pb/Zn/Ag/As in ppm. 26/159/0.4/50
  - + 25--Sample No. & Location Pb/Zn in ppm. Ag/As --W--
  - 23101--Sample No. & Location Cu/Pb/Zn/Mo/Ag/Mn/Fg in ppm. %

True Location

3311	3312	3313	3314	3315	3316	3317	3318	3319	3320	3321	3322	3323	3324	3325	3326	3327	3328	3329	3330	3331	3332	3333	3334	3335	3336	3337	3338	3339	3340	3341	3342	3343	3344	3345	3346	3347	3348	3349	3350	3351	3352	3353	3354	3355	3356	3357	3358	3359	3360	3361	3362	3363	3364	3365	3366	3367	3368	3369	3370	3371	3372	3373	3374	3375	3376	3377	3378	3379	3380	3381	3382	3383	3384	3385	3386	3387	3388	3389	3390	3391	3392	3393	3394	3395	3396	3397	3398	3399	3400
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3311	3312	3313	3314	3315	3316	3317	3318	3319	3320	3321	3322	3323	3324	3325	3326	3327	3328	3329	3330	3331	3332	3333	3334	3335	3336	3337	3338	3339	3340	3341	3342	3343	3344	3345	3346	3347	3348	3349	3350	3351	3352	3353	3354	3355	3356	3357	3358	3359	3360	3361	3362	3363	3364	3365	3366	3367	3368	3369	3370	3371	3372	3373	3374	3375	3376	3377	3378	3379	3380	3381	3382	3383	3384	3385	3386	3387	3388	3389	3390	3391	3392	3393	3394	3395	3396	3397	3398	3399	3400
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PROPERTY: August Group Mineral Claims

LOCATION: Jennings River Area B.C. Lat 59°20' N Long 131°31' W

TYPE OF MAP: Geochem & Sample Location Map

BASED ON: Fieldwork by B. Kennedy, S.G. Diekow, S. Zostavnikovic

DATE OF WORK: Aug-Sept 1979

DRAWN BY: G.T. Mag C

DATE: Sept 1979

MAP REF. NO.: N.T.S. NO: 104-0-5

FIG. NO.: 082-79-1