

83-477-12112

SOIL GEO - CHEMICAL SURVEY REPORT

AND

PROSPECTING AND TRENCHING REPORT

THE BA MINERAL CLAIMS

NTS MAP - 82K/8W. Lat. 116° 23'. Long. 50° 25'.
GOLDEN MINING DIVISION, B.C.

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

FOR

12,112

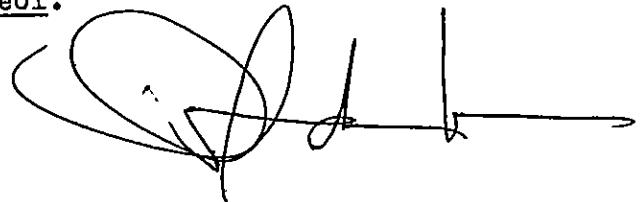
Keith L. Burns

Calgary, Alberta.

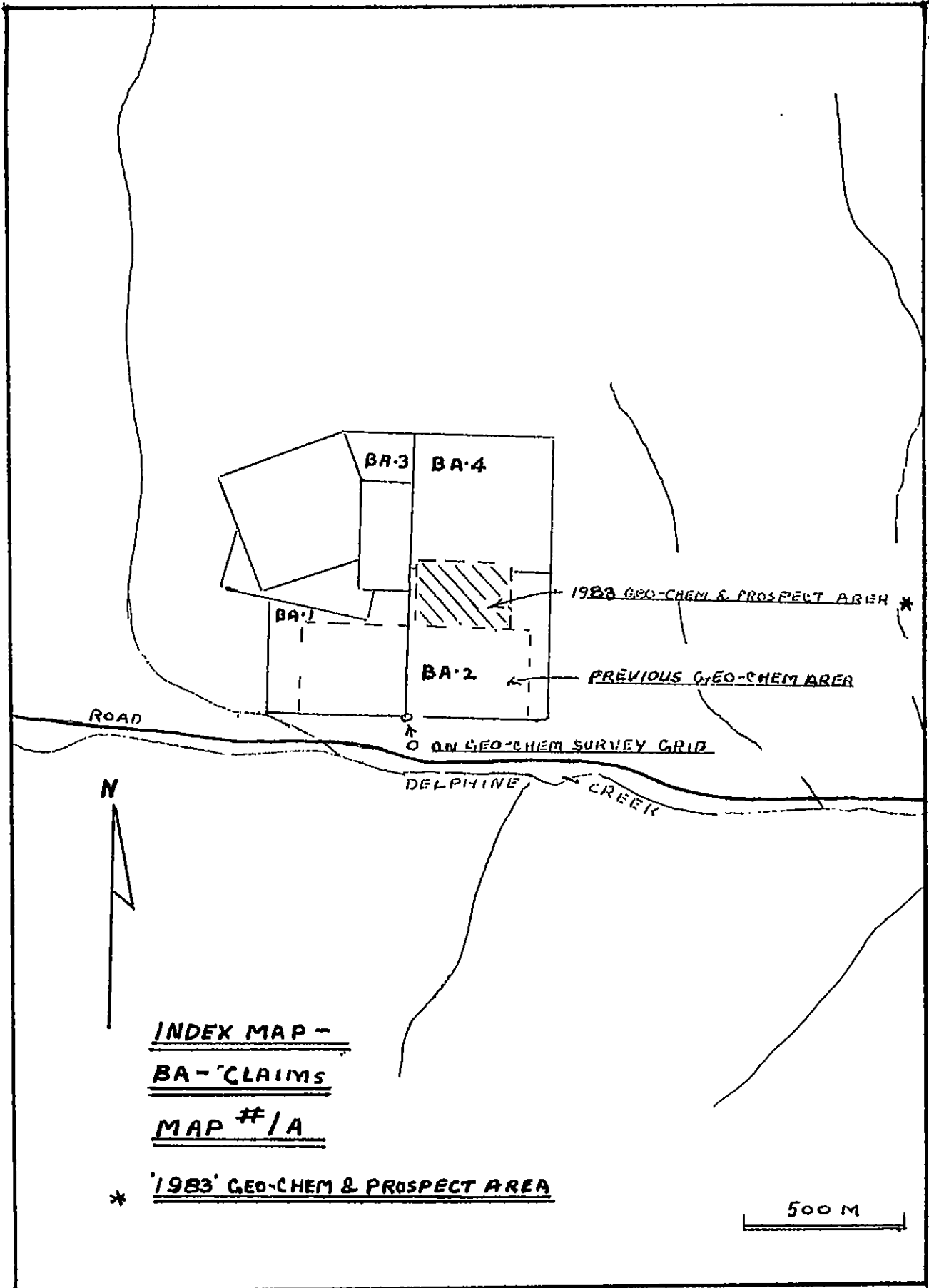
BY

A. D. van der Lee. P. Geol.

Oct. 1st, 1983.



50° 26' 20"



INDEX MAP -
BA - CLAIMS
MAP #1A

* '1983' GEO-CHEM & PROSPECT AREA

500 M

116° 24' 45"

116° 22' 30"

50° 24' 30"

TABLE OF CONTENTS

PROPERTY 1

LOCATION AND ACCESS 1

GEOLOGY 1

SAMPLING PROCEDURE 2

PROSPECTING AND TRENCHING 2

RESULTS OF GEO-CHEMICAL SOIL SURVEY EXTENSION ... 3

COMMENTS 3

RECOMMENDATIONS 3

INCLUSIONS

INDEX MAP NO. 1-A

GEO-CHEMICAL SURVEY MAP NO. 3-A

ASSAY REPORTS

STATEMENT OF COSTS

CLAIM MAP & TOPOGRAPHIC MAP

GEOLOGY MAP

see G.S.C. Map 1326A.

PROPERTY

The property consists of 4 unpatented mineral claims.

BA-1

BA-2

BA-3

BA-4

These claims are owned by Keith Burns of Calgary, Alberta.

LOCATION AND ACCESS

The claims are located on the north side of Delphine Creek approximately 3 miles up from its junction with Toby Creek.

Access to the claims is by an all weather road for 18 miles west of Invermere, B.C., up Toby Creek to its junction with Delphine Creek, and then by a 4 wheel drive trail up Delphine Creek for 3 miles.

GEOLOGY

The claims are underlain by rock of the Mount Nelson formation. The source of mineralization appears to be a major fault lying immediately east of the property, which is part of a series of faults that continue in a north easterly direction to the granodiorite intrusive on Horsethief Creek. This fault also forms the contact between the Dutch Creek formation to the east, and the Mount Nelson formation to the west.

A syncline which runs through the west side of the BA group is probably the same feature in which the Delphine Mine workings(a half a mile to the north), are located.

The Dutch Creek formation to the east consists of a buff

dolomitic slate; grey, green and black argillite and slate; thin-bedded buff weathering dolomite, green argillaceous quartzite.

The Mount Nelson formation is made up of buff weathering grey, cream and purple dolomite and dolomitic limestone, grey, purple and black argillite and slate; white quartzite.

It is interesting to note that commercial ore was produced from the Mount Nelson formation at the Mineral King Mine 3 miles to the south west, and the Paradise Mine 8 miles to the south east.

SAMPLING PROCEDURE

The location line for the geo-chem grid runs South to North for 1850' as shown on map #3-A. Laterals were run at 200' - 300' and 350' intervals as shown; to the east of the location line, to form a grid. The location of the 1983 survey is shown on the index map #1-A. The samples were taken at 25' intervals along the laterals as shown on the grid map #3-A. All samples were taken at a depth of 8 to 12" in the B zone.

The assays were done by Loring Laboratories in Calgary, using 80 mesh screen, hot acid digestion, and atomic absorption spectroscopy. All assays were done for lead content.

The samples were taken by Keith Burns and James Adamson of Calgary using standard geo-chem bags supplied by Loring Laboratories of Calgary. The bags were all marked and tied at the sample location and all assays were paid for by Keith Burns of Calgary.

PROSPECTING AND TRENCHING

Some trenching along line 1550N between 600E and 675E has uncovered traces of galena. Also some detailed prospecting has uncovered

a narrow vein which was traced for some 15 meters. Samples of badly leached material from this vein show a content of .17 lead.

RESULTS OF GEO-CHEMICAL SOIL SURVEY EXTENSION

Further geo-chem sampling was done on the BA Claims in order to determine the source of the mineralization showing at the 1500N grid line in the 1980 and 1981 reports. The results of this survey are shown on map #3-A enclosed with this report. It is to be noted that the terrain above line 1500N is on a cliff face, and survey samples have to be taken where possible.

From the map it is now apparent that the mineralization does extend upward onto the cliff face, and in some instances the samples show higher lead values than those taken on the 1500N line.

COMMENTS

Due to the early snow and the steepness of the terrain above the 1500N line a planned fall program to carry out a more extensive trenching of the cliff area had to be postponed.

Extension of the E M survey was not possible because the earpiece was damaged in transit.

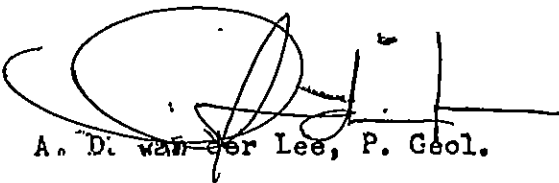
RECOMMENDATIONS

The E M survey and the geo-chem survey should be completed where possible between the 1500N and the 1850N lines. More trenching should be done in the 1550N - 600E to 675E area, and at the site of the newly discovered vein, 1500N = 1000E.

C E R T I F I C A T E

This is to certify that I, A. D. van der Lee :

1. Am a resident of Calgary, Alberta, and live at 8212 10th St. S.W.
2. Am a graduate of the University of Calgary, B. Sc. 1971, and have spent one year in Graduate Studies in 1972 at the University of Calgary.
3. Am a member of the Professional Eng. Geologists and Geophysicists of Alberta.
4. Have no interest direct or indirect in the properties known as the EA Claims.
5. Have written this report on a personal examination of the property and the G.S.C. reports pertaining to this area.


A. D. van der Lee, P. Geol.

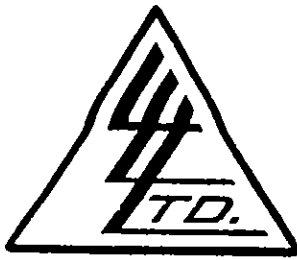
STATEMENT OF COSTS FOR BA CLAIM GROUP 1 TO 4, FOR 1983 - 4

<u>Claims</u>	BA-1	BA-2	BA-3	BA-4
<u>Map No.</u>	82K/8W	82K/8W	82K/8W	82K/8W
<u>Mining Receipt</u>	132650E	132650E	132650E	132650E
<u>Rec. No.</u>	487	488	489	490

All the above claims were recorded at Golden B.C., October 15/79.

Geo-Chem supplies	\$ 40.62
Geo-Chem Assays	\$ 46.50
Labour 2 men 24 hrs. @ \$7.00 per hr.	\$336.00
Recording 1 man for 1 day	\$ 96.00
4 X 4 @ \$36.00 per day - 3 days	\$108.00
Chain Saw @ 12.50 per day - 3 days	\$ 37.50
Board 2 men for 3 days @ \$20.00 per day	\$120.00
Travel in B.C.	\$ 52.00
Total Costs	<u>\$836.62</u>

To: JAYSION INVESTMENTS LTD.,
3617 Blackburn Road S.E.,
Calgary, Alta.



File No. 24901
Date June 23, 1983
Samples Rock Chip

Certificate of
ASSAY
LORING LABORATORIES LTD.

Page # 1

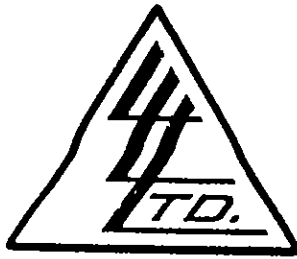
SAMPLE No.	OZ/TON Silver	% Pb
<p><u>"Rock Chip"</u> <u>"Assay Analysis"</u> Del Mine 1400N-1000E</p>	<p>71.60 -----</p>	<p>----- .17</p>

I *Hereby Certify* THAT THE ABOVE RESULTS ARE THOSE
ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Rejects Retained one month.
Pulps Retained one month
unless specific arrangements
made in advance.

[Signature]
Assayer

To: JAYSION INVESTMENTS LTD.,
 3617 Blackburn Road S.E.,
 Calgary, Alta.



File No.24901.....
 Date June 23, 1983
 Samples ...Soil.....

Certificate of
ASSAY of
LORING LABORATORIES LTD.

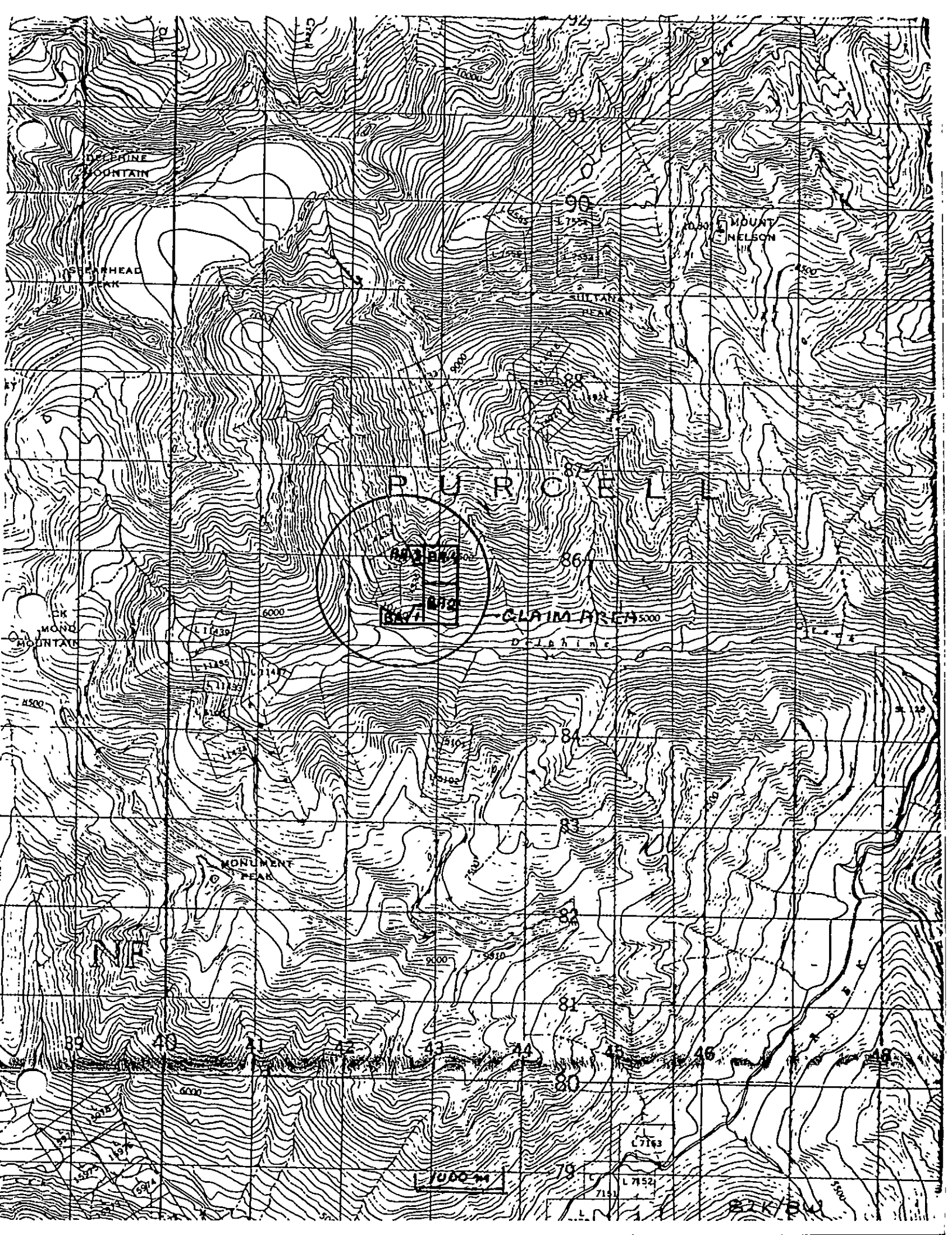
Page # 2

SAMPLE No.	ppm Pb
<u>Soil Samples"</u>	
<u>"Geochems"</u>	
#2 Rock ECR	98
1400N-1000E	+1000 -
1550N-575 E	370
600	280
625	510
650	167
675	115
1600N-640 E	180
675	167
700	181
725	95
750	79
775	124
800	68
825	135
850	330
875	141

I **Hereby Certify** THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Rejects Retained one month.
 Pulp Retained one month
 unless specific arrangements
 made in advance.

.....
Paul Dwan
 Assayer



SPEARHEAD MOUNTAIN

MOUNT NELSON

SILVER PEAK

PURCELL

CLAIM AREA

MONUMENT PEAK

1000m

L 7143

L 7152

82 K 3 W

1850N

44
44
67
50
55
50
58
40
54
74
48
45
58

1500N

1300N

1000N

GEO-CHEM SURVEY 1983

'BA' CLAIMS MAP #3-A

Pb AVERAGE "NORM" (under 60 ppm) - 49 ppm

Scale 1 inch - 100 feet

GEOLOGICAL BRANCH
ASSESSMENT REPORT

12,112

700N

82k/BW

