

84-1066 - 12790

GEOLOGICAL REPORT

ON

DISCO 2 RECORD NO. 804 (11) & DISCO 3 RECORD NO. 852 (11)

KATHLEEN MOUNTAIN

SILILKAMEEN MINING DIVISION, B.C.

NORTH LATITUDE 49<sup>o</sup> ~~49~~ 46  
WEST LONGITUDE 120<sup>o</sup> 05'

CLAIM OWNER

DON AGUR SUMMERLAND, B.C.

BY

DE LA MOTHE EXPLORATION SERVICE LTD.

AUTHOR

PETER THOMAS

OCTOBER 15, 1984

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**12,790**

TABLE OF CONTENTS

INTRODUCTION . . . . . PAGE 1

LOCATION ACCESS . . . . . PAGE 1

CLAIM . . . . . PAGE 1

HISTORY . . . . . PAGE 1

GEOLOGICAL SURVEY . . . . . PAGE 2

SAMPLING PROCEDURE . . . . . PAGE 2

CERTIFICATE . . . . . PAGE 3

COST STATEMENT . . . . . PAGE 4

APPENDIX

ANALYTICAL REPORT AND ASSAYS

PROPERTY LOCATION PLAN . . . . . FIGURE 1

CLAIM LOCATION PLAN . . . . . FIGURE 2

SAMPLING MAP . . . . . FIGURE 3

GEOLOGICAL MAP . . . . . FIGURE 4

### INTRODUCTION

This report was prepared for filing of assessment work on Disco claim in central B.C.

To assess the properties mineralization and potential- geological mapping and rock sampling was carried out by de la Mothe Exploration Services Ltd. in the summer of 1984.

The work was successful in finding gold values in mafic dykes. A 2.7 metre channel sample taken assayed 8.18 g/tonne.

### LOCATION AND ACCESS

The property is located on the southwest slope of Kathleen Mountain, 40 kilometers northwest of Princeton, and 30 kilometers west of Summerland, B.C.

The area lies within the semi-arid mountainous Interior Plateau of the Cordilleran Region. Figure 1 shows general location. Access to Disko claims is first by Princeton to Summerland gravel road along Trout Creek. Logging roads leave Princeton - Summerland road at the public picnic site north across railway tracks and along Kathleen Creek. The road from Kathleen Creek up to claim is steep and poorly defined at the beginning.

### CLAIM

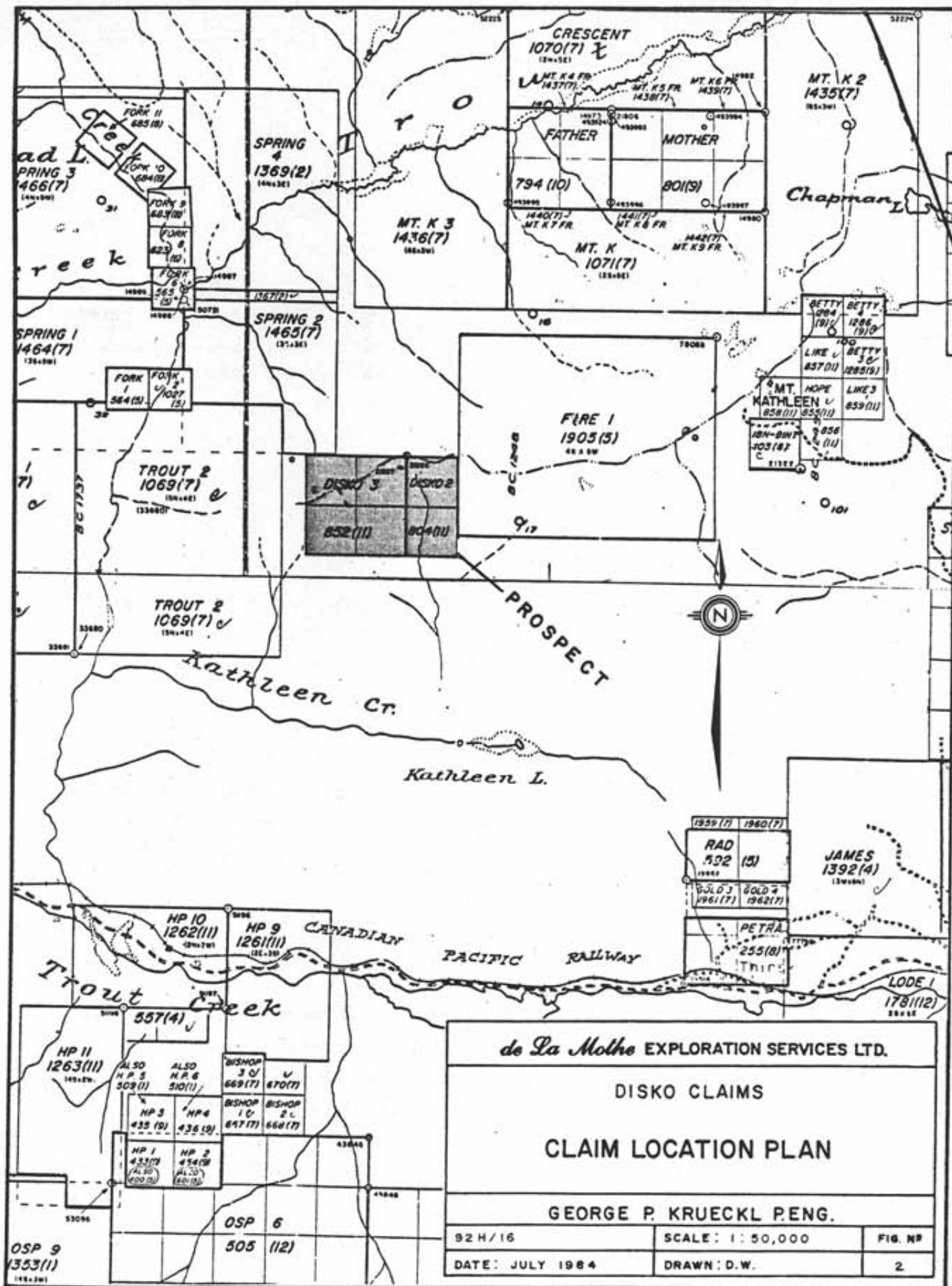
The property consists of Disco 2 and 3 claim owned by Mr. Donald E. Augur of Summerland, B.C. The claims are situated in Similkameen Mining Division on map NTS 92H/16E, see figure 2.

NAME	NO. UNITS	RECORD NO.
DISCO 2	1E X 25 = 2	804 (11)
DISCO 3	2W X 25 = 4	852 (11)

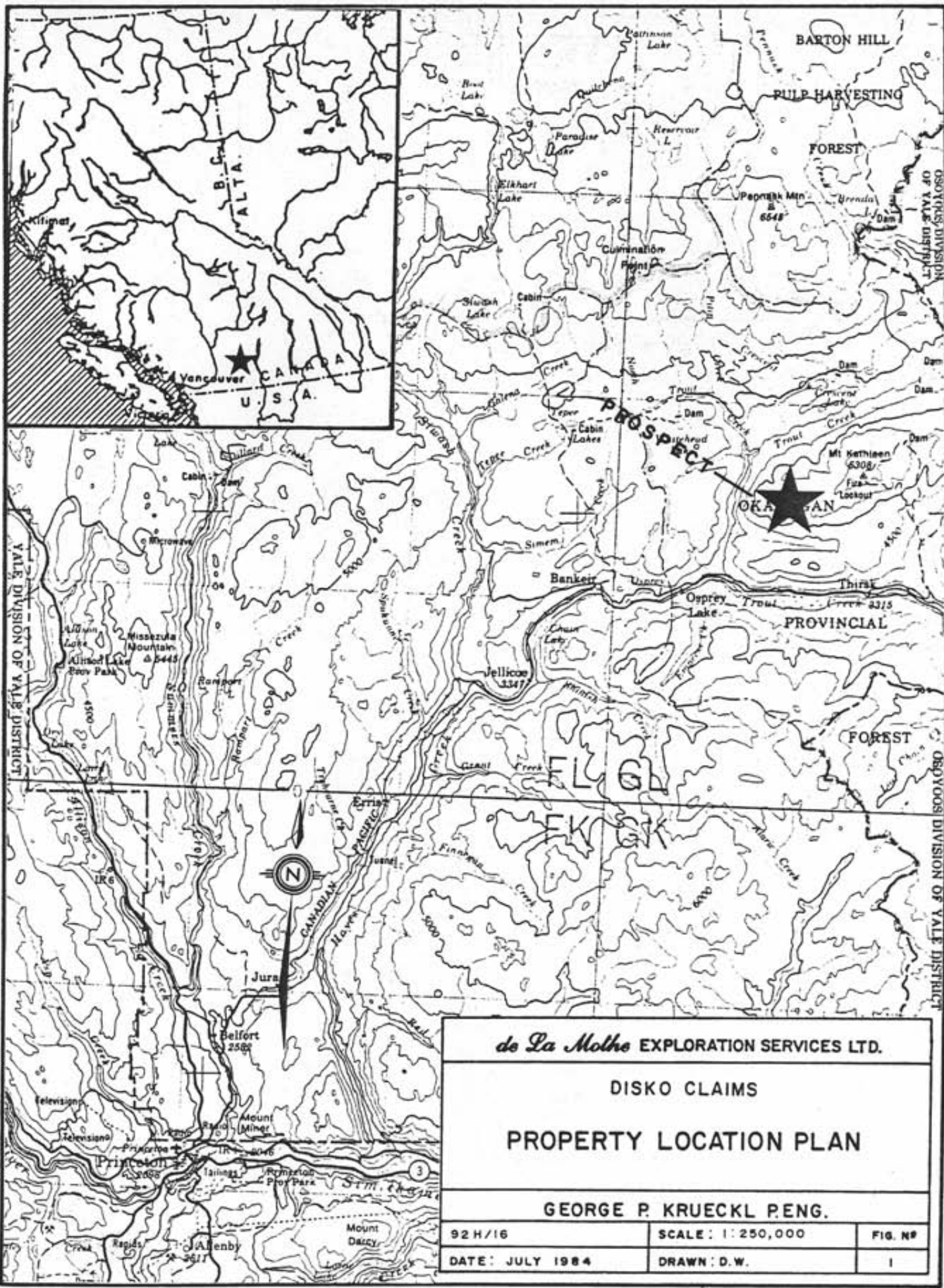
### HISTORY

A adit driven 200' and two log cabins constitute the first work done in 1898 and 1899. In 1967 and 1974 geochemical surveys defined zinc, copper and silver anomalies. 1974 was also the year a mag survey showed correlating magnetic lows with the geochemical anomalies in some areas. A 1976 drill program had discouraging results accepting a 15 foot section of .3 ~~oz/ton~~ gold.

*0.7 oz/ton*  
*0.2 / ton*



<i>de La Molthe</i> EXPLORATION SERVICES LTD.		
DISKO CLAIMS		
CLAIM LOCATION PLAN		
GEORGE P. KRUECKL PENG.		
92H/16	SCALE: 1:50,000	FIG. NO
DATE: JULY 1984	DRAWN: D.W.	2



<i>de La Mothe</i> EXPLORATION SERVICES LTD.		
DISKO CLAIMS		
PROPERTY LOCATION PLAN		
GEORGE P. KRUECKL P.ENG.		
92 H/16	SCALE: 1:250,000	FIG. NO
DATE: JULY 1984	DRAWN: D.W.	1

### GEOLOGICAL SURVEY

Geological mapping was concentrated on area of known mineralization and good rock exposure. Previous blasting and cat-trenching had exposed large dyke (s) shown on map as cliff were encouraging values were obtained.

Mafic dykes instrued what is believed to be otter creek granite in several places in the claim area. The largest of dykes is 5 meters wide and has been traced for about 100 meters. Several other smaller dykes were located and are in geological map (figure 4).

Samples were taken of the smaller dykes to test for gold values. Dyke samples are A+E and are plotted on the map with the values in the appendix.

### SAMPLING PROCEDURE

Rock samples were taken at random of mineralized outcrops on Disco 2 and 3 claims.

The first sample MK #1 was a grab taken from a small dump out side the adit. Next samples MK# 2 to 4 were channel samples taken with chisel and hammer along blasted face of black rack beside the access road. Sample MK #5 is taken from small 7 cm galena vien uncovered by previous cat stripping. The last MK # 6 was a grab from approximately 500 m west of the blasted rock face and ws of similar rock. The sample locations are marked on figure 3 sampling map, and results in appendix with the assay method.

**CERTIFICATE**

I, Peter Thomas of the city of Vancouver, Province of British Columbia hereby certify as follows:

1. I am a consulting geologist with a office on 4336 West 10th Avenue, Vancouver, B.C.

2. I graduated with Masters degree in Bachelor of Science from Dalhousie University in 1982.

3. I have been employed by, GSC in Ottawa as support geologist. The Ontario Geological survey s field geologist and Mattagonni Lake Exploration as exploration geologist.

Date at Vancouver, 15th day of October, 1984



PETER THOMAS

**COST STATEMENT**

Assaying 12 X \$3.00sample prep.	36
12 X \$7.50 Au fire assay	90
1 day geologist Oct 2	300
2 day sampling Oct 2,3	400
Draugating services	83
Report prep.	200
Room and Board 2 nights Oct 2,3 and 6 weeks	240
Truck 3 days, Oct 2,3,4 and gas	260
	---
	\$1,609



**APPENDIX**

# MIN-EN Laboratories Ltd.

705 WEST 15th STREET,  
NORTH VANCOUVER, B.C., CANADA V7M 1T2  
TELEPHONE (604) 980-5814

## ANALYTICAL REPORT

Project Mtn. Kathleen Date of report August 10/84

File No. 4-748 Date samples received August 7/84.

Samples submitted by: .....

Company: De La Mothe Exploration

Report on: ..... Geochem samples

6 ..... Assay samples

Copies sent to:

1. De La Mothe Expl., West Vancouver, B.C.

2. ....

3. ....

Samples: Sieved to mesh ..... Ground to mesh -100

Prepared samples stored  discarded

rejects stored  discarded

Methods of analysis: Cu,Ag-acid digestion-chemical analysis. Au-fire.

Remarks: .....

SPECIALISTS IN MINERAL ENVIRONMENTS

**MIN-EN Laboratories Ltd.**

*Specialists in Mineral Environments*

705 WEST 15th STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

JNE: (604) 980-5814 OR (604) 998-4524

TELEX: 04-352828

**CERTIFICATE OF ASSAY**

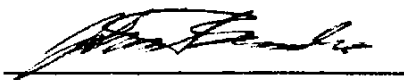
COMPANY: DEAN DE LA MOTHE  
PROJECT: MTN. KATHLEEN  
ATTENTION: DEAN DE LA MOTHE

FILE: 4-748  
DATE: AUGUST 10/84  
TYPE: ROCK ASSAY

We hereby certify that the following are assay results for samples submitted.

SAMPLE NUMBER	AG G/TONNE	AG OZ/TON	AU G/TONNE	AU OZ/TON	CU %
MK#1	8.0	0.23	.04	0.001	.018
MK#2	31.6	0.92	8.18	0.239	.347
MK#3	55.8	0.99	9.13	0.268	.521
MK#4	22.4	0.65	1.99	0.058	.153
MK#5	612.0	17.85	1.58	0.046	.035
MK#6	19.7	0.57	.07	0.002	.021

SAMPLING MAP ASSAYS

Certified by 

MIN-EN LABORATORIES LTD.

# MIN-EN Laboratories Ltd.

705 WEST 15th STREET,  
NORTH VANCOUVER, B.C., CANADA V7M 1T2  
TELEPHONE (604) 980-5814

## ANALYTICAL REPORT

Project Mtn. Kathleen Date of report Oct. 2/84.

File No. 4-1131 Date samples received Sept. 29/84.

Samples submitted by: .....

Company: De La Mothe

Report on: ..... Geochem samples

..... 6 ..... Assay samples

Copies sent to:

1. De La Mothe, North Vancouver, B.C.

2. ....

3. ....

Samples: Sieved to mesh ..... Ground to mesh -100

Prepared samples stored  discarded

rejects stored  discarded

Methods of analysis: Au-fire.

Remarks: .....

SPECIALISTS IN MINERAL ENVIRONMENTS

MIN-EN Laboratories Ltd.

Specialists in Mineral Environments

705 WEST 15th STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

NE: (604) 980-5814 OR (604) 989-4524

TELEX: 04-352828

CERTIFICATE OF ASSAY

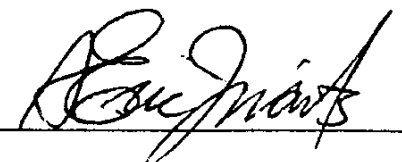
COMPANY: DE LA MOTHE  
PROJECT: MTN. KATHLEEN  
ATTENTION: DEAN LA MOTHE

FILE: 4-1131  
DATE: OCT. 2/84  
TYPE: ROCK ASSAY

We hereby certify that the following are assay results for samples submitted.

SAMPLE NUMBER	AU G/TONNE	AU OZ/TON	GEOLOGICAL MAP SAMPLES	
1	.01	0.001	NOT SHOWN ON MAP	GRAB SAMPLE ABOVE ADIT
2	.01	0.001	E	SAMPLE OF DYKE
3	1.15	0.034	B	RIGHT SIDE OF DYKE
4	.01	0.001	B	SAMPLE OF DYKE
5	.01	0.001	A	SAMPLE OF DYKE
6	.01	0.001	D	SAMPLE OF DYKE

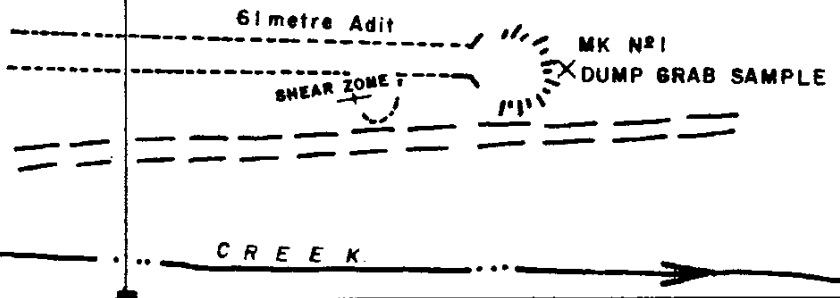
Certified by



MIN-EN LABORATORIES LTD.

DISCO

2

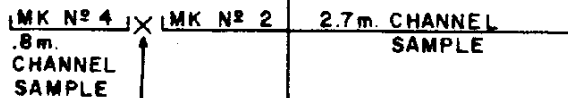


D.D.H. 384



BLASTED ROCK FACE

ROAD

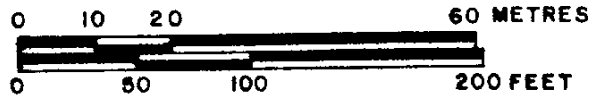


MK N°5 X 7cm. SILVER VEIN

D.D.H. 2

DISCO

3



MK N°6 GRAB SAMPLE APPROX. 500 m. WEST

LINE 1 SOUTH

# KATHLEEN MOUNTAIN

## DISCO 2 & 3 CLAIMS SAMPLING MAP

AFTER: P. THOMAS

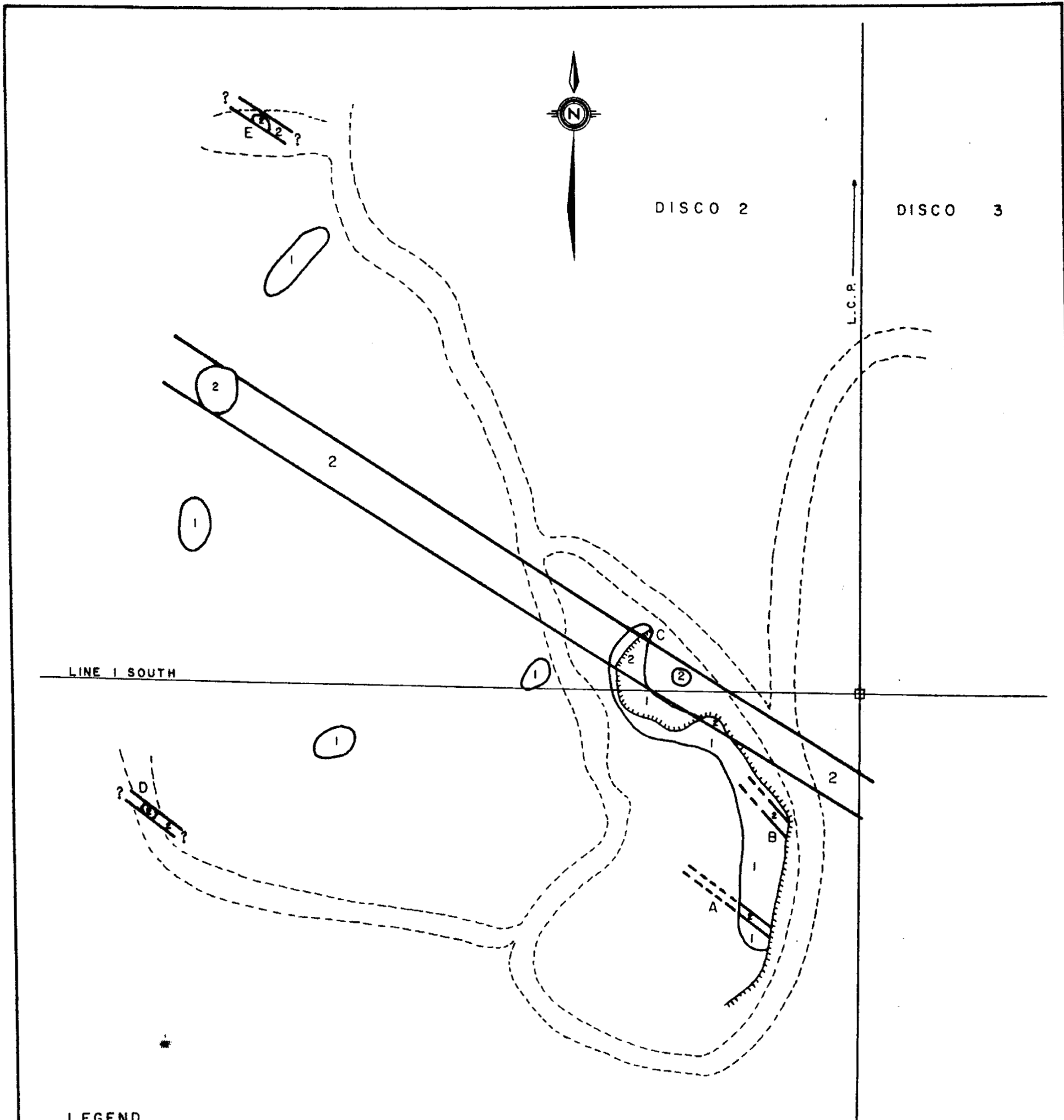
SCALE: 1:1000

FIG.

DATE: NOV., 1984

DRAWN: D.W.

3



LEGEND

- 2 MAFIC DYKES - FINE TO MEDIUM GRAINED, BLACK, DENSE. 25-30% QUARTZ, 65% MAFIC MINERALS (AMPHIBOLES, MAGNETITE, PYROXENE, BIOTITE), UP TO 5% CHALCOPYRITE & PYRITE
- 1 GRANITE - WHITE TO PINK, VERY RICH IN QUARTZ (UP TO 50%) PLAGIOCLASE 30-40% W. MINOR PYRITE AND BIOTITE. MEDIUM TO COARSE GRAINED W. 2cm. PHENOCRYSTS OF ORTHOCLASE OCCURRING IN SOME AREAS.
- OUTCROP
- GEOLOGICAL BOUNDARY
- CLIFF
- A-E SAMPLE LOCATIONS
- ROAD



<b>KATHLEEN MOUNTAIN</b>		
DISCO 2 & 3 CLAIMS		
<b>GEOLOGICAL MAP</b>		
AFTER: P. THOMAS	SCALE: 1:500	FIG.
DATE: NOV., 1984	DRAWN: D.W.	<b>4</b>

12,790