

84-1355-13513



Province of British Columbia

Ministry of Energy, Mines and Petroleum Resources

ASSESSMENT REPORT  
TITLE PAGE AND SUMMARY

<i>12 Jan 85</i>	TYPE OF REPORT/SURVEY(S) Prospecting	TOTAL COST \$ 2,200.00
------------------	---	---------------------------

AUTHOR(S) ..... L. D. Lutjen ..... SIGNATURE(S) *L. D. Lutjen*  
 ..... R. D. Lodmell ..... *R. D. Lodmell*

DATE STATEMENT OF EXPLORATION AND DEVELOPMENT FILED .. December 21, 1984 YEAR OF WORK 1984

PROPERTY NAME(S) ..... Golden Eagle 11 .....

COMMODITIES PRESENT .... Ag, Zn, Pb, As, and Au .....

B.C. MINERAL INVENTORY NUMBER(S), IF KNOWN .....

MINING DIVISION ... Kamloops, B.C. .... NTS ..... 82M/3W .....

LATITUDE ..... 51°04' ..... LONGITUDE ..... 119°27' .....

NAMES and NUMBERS of all mineral tenures in good standing (when work was done) that form the property [Examples: TAX 1-4, FIRE 2 (12 units); PHOENIX (Lot 1706); Mineral Lease M 123; Mining or Certified Mining Lease ML 12 (claims involved)]:

..... No previous history of work .....

OWNER(S)

(1) .... MacKenzie Range Gold Inc. .... (2) .....

..... R.R. #1, Site 11, Box 36 .....

MAILING ADDRESS

..... R.R. #1, Site 11, Box 36 ...  
 ..... Chase, B.C., V0E 1M0 .....

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

OPERATOR(S) (that is, Company paying for the work)

(1) .... MacKenzie Range Gold Inc. .... (2) .....

MAILING ADDRESS

..... R.R. #1, Site 11, Box 36 ...  
 ..... Chase, B.C., V0E 1M0 .....

**13,513**

SUMMARY GEOLOGY (lithology, age, structure, alteration, mineralization, size, and attitude):

..... The areas targeted for further geochemical and geophysical  
 ..... programs appear to be of a massive sulphide nature .....

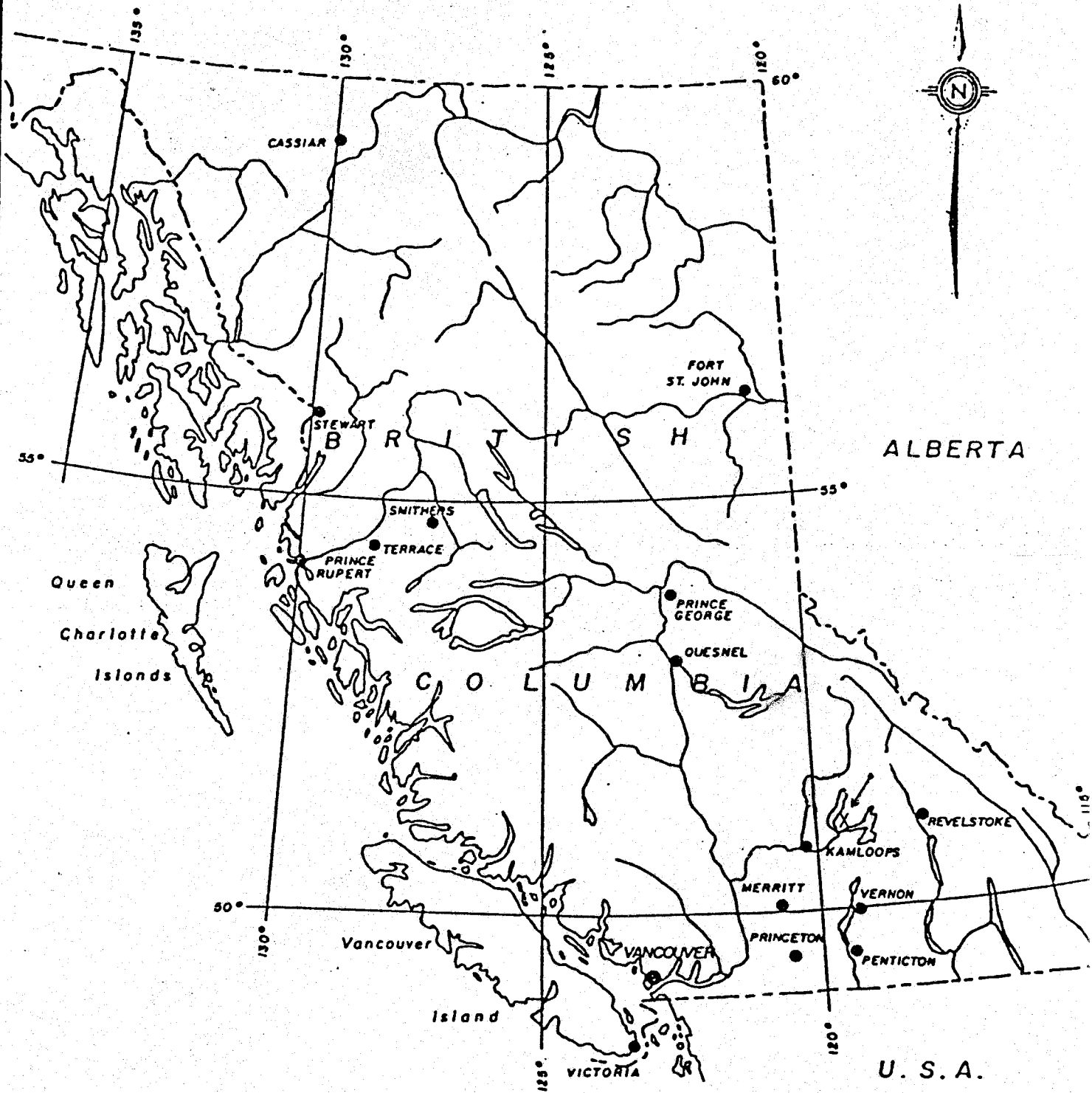
REFERENCES TO PREVIOUS WORK ... None .....

TYPE OF WORK IN THE REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	COST APPORTIONED
GEOLOGICAL (scale, area)			
Ground			
Photo			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for ...)			
Soil			
Silt			
Rock			
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Retrographic			
Mineralogic			
Metallurgic			
PROSPECTING (scale, area)	2000M X 2500M (20 units)		
PREPARATORY/PHYSICAL			
Legal surveys (scale, area)			
Topographic (scale, area)			
Photogrammetric (scale, area)			
Line/grid (kilometres)			
Road, local access (kilometres)			
Trench (metres)			
Underground (metres)			
			TOTAL COST

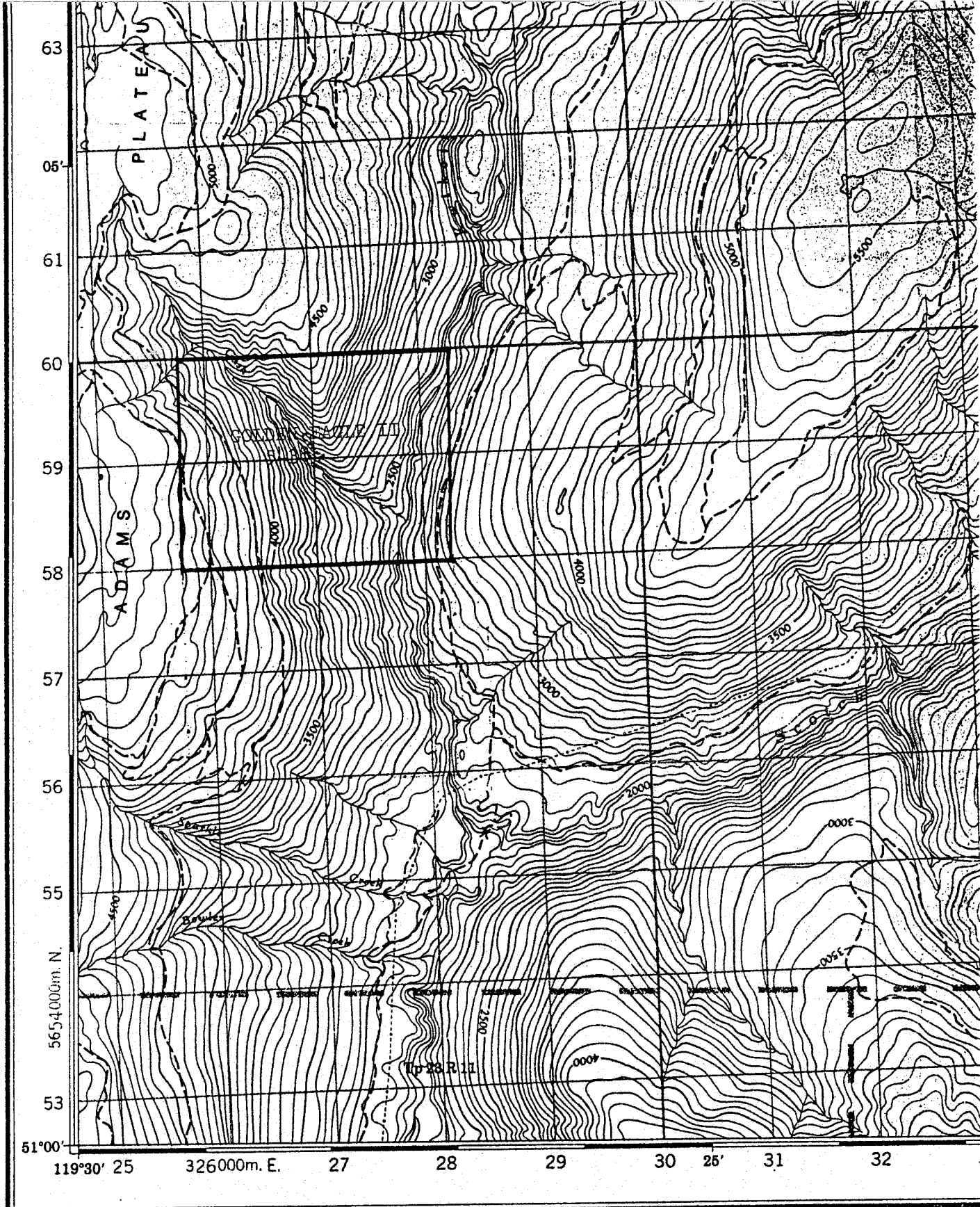
FOR MINISTRY USE ONLY	NAME OF PAC ACCOUNT	DEBIT	CREDIT	REMARKS:
Value work done (from report)				
Value of work approved				
Value claimed (from statement)				
Value credited to PAC account				
Value debited to PAC account				
Accepted . . . . . Date	Rept. No.			Information Class

## TABLE OF CONTENTS

	<u>Page</u>
Location Map	1
Topographical Map	2
Claims Map	3
Property and ownership	4
Location and Access	4
Geology and Vegetation	4
History	4
Work Performed	5
Conclusions	5
References	6
Plate 1 - Prospecting Map	7
Statement of Expenditures	8
Authors Qualifications and Certifications - L. D. Lutjen	9
- Certificate	10
- P. D. Lodmell	11
- Certificate	12



X - Area of the Golden Eagle Claim

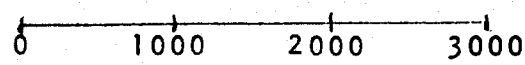


Produced by the SURVEYS AND MAPPING BRANCH,  
 DEPARTMENT OF ENERGY, MINES AND RESOURCES.  
 Updated from aerial photographs taken in 1976. Culture check  
 1977. Information current as of 1977.

Copies may be obtained from the Canada Map Office,  
 Department of Energy, Mines and Resources, Ottawa,  
 or your nearest map dealer.

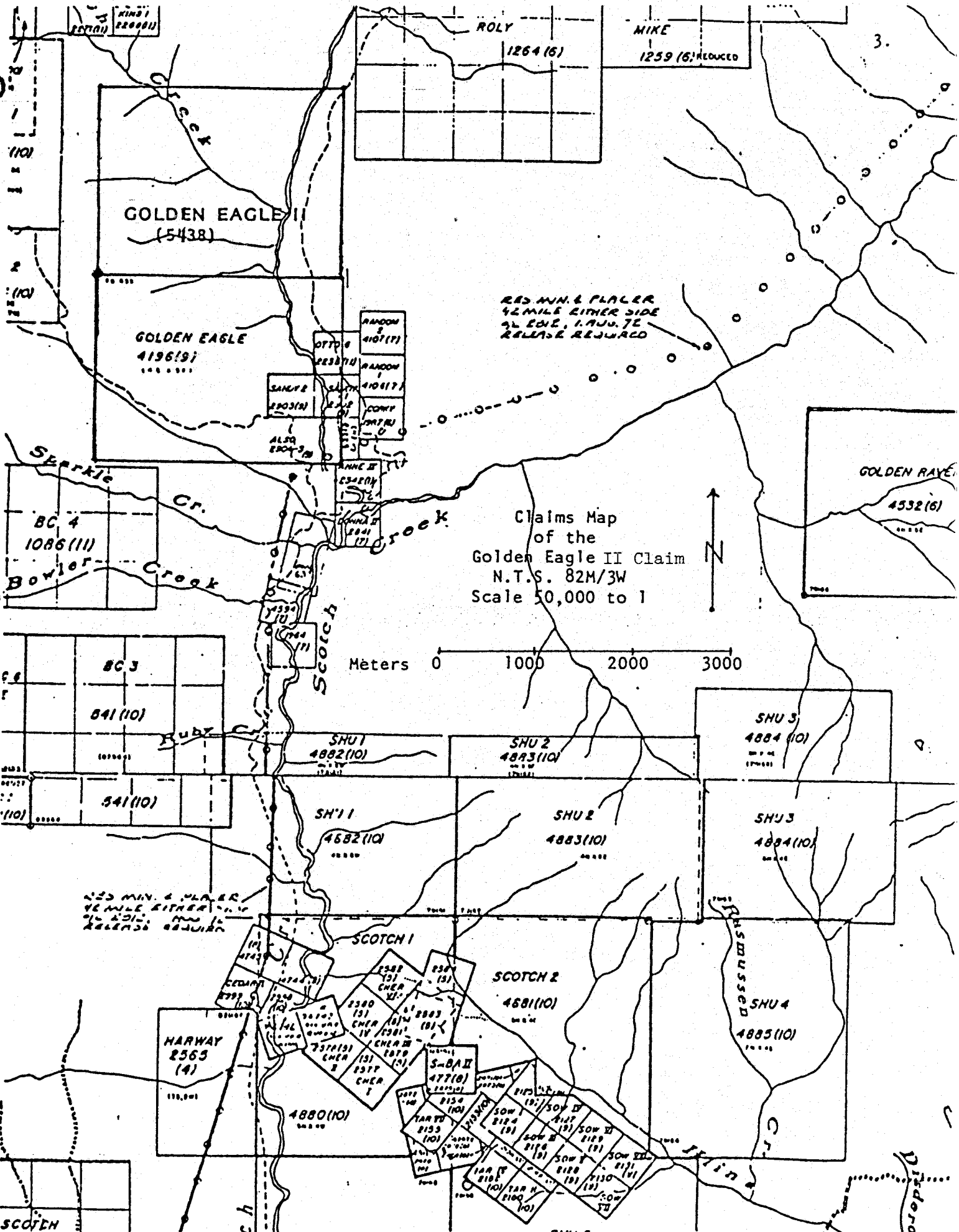
© 1979. Her Majesty the Queen in Right of Canada.  
 Department of Energy, Mines and Resources.

Topographical Map  
 of the  
 Golden Eagle II Claim  
 N.T.S. 82M/3W  
 Scale 50,000 to 1



Meters

Roads:  
 loose or stable  
 loose surface  
 unclassified s  
 cart track ....  
 trail, cut line o  
 FOR COM



GOLDEN EAGLE II  
(5438)

GOLDEN EAGLE  
4196(9)

Claims Map  
of the  
Golden Eagle II Claim  
N.T.S. 82M/3W  
Scale 50,000 to 1

Meters 0 1000 2000 3000

RED MIN. & PLATER  
42 MILE EITHER SIDE  
9L EDGE, 1. AUG. 75  
RELEASE REQUIRED

RED MIN. & PLATER  
42 MILE EITHER SIDE  
9L EDGE, 1. AUG. 75  
RELEASE REQUIRED

HARWAY  
2565  
(4)

SCOTCH 1  
4582(10)

SCOTCH 2  
4581(10)

4880(10)

SHU 1  
4882(10)

SHU 2  
4883(10)

SHU 3  
4884(10)

SHU 3  
4884(10)

SHU 4  
4885(10)

BC 4  
1086(11)

BC 3  
841(10)

841(10)

ROLY  
1264(6)

MIKE  
1259(6) REDUCED

GOLDEN RAYE  
4532(6)

SCOTCH

Didoro

## PROPERTY AND OWNERSHIP

The Golden Eagle II Claim consists of 20 units, 4 units North and 5 units East. The claim was recorded in the Kamloops Mining Division, record number 5438, January 12, 1984.

The owner of the Golden Eagle II Mineral Claim is MacKenzie Range Gold Inc. of R.R. #1, Box 36, Chase, B.C., VOE1M0, telephone number (604) 679-8022.

## LOCATION AND ACCESS

The Golden Eagle II Mineral Claim is situated North of Big Shuswap Lake and East of Adams Lake on the Adams Plateau, about 3 kilometers North-West of the confluence of Kwikoit Creek and Scotch Creek in the Kamloops Mining Division on Claim and N.T.S. map 82M/3W 51°04' 119°27' and U.T.M. 5659000mN and 327000mE.

The Golden Eagle II Mineral Claim is accessible on the East side of the claim via a well kept logging road that follows Scotch Creek about 9 miles from a paved highway on the North shore of Big Shuswap Lake and can also be reached on the West side via a logging road that branches off of the Scotch Creek road.

## GEOLOGY AND VEGETATION

The area of the Golden Eagle II Mineral Claim is heavily overburdened and very little exposed rock is available. The exposed rock that is available consists of outcroppings of biotite granite and of banded limestone. There are several small quartz veins and hematite and pyrite are present in areas. Also the area is located along the Tshinikin limestone formation that runs across the Plateau in an Easterly Westerly direction and there is a granitic intrusion along the East side of the claim. Gash Creek runs from the North-West corner of the claim toward the South-East corner where it joins Kwikoit Creek as a result most of the area of the claim is of steep ravinelike terrain. The area is heavily forested predominantly with fir, spruce, balsam and cedar. There is thick underbrush throughout the area.

## HISTORY

Hardrock prospecting on the Adams Plateau which is approximately seven miles in diameter has a history from the early 1900's with a number of claims giving assays in gold and high assays in silver, zinc and lead. (Report of the Minister of Mines, 1930, pages A184 - A188 and Report of the Minister of Mines 1936 pages D39 - D43.)

WORK PERFORMED

- September 23: Arrived on claim via Gold Creek road and set-up camp. Located L.C.P. and traversed the two logging roads lying between stations N2 and N4 and the L.C.P. and E2. (see plate No. 1). The road that crosses station N2 cuts a mineralized zone of oxidized hematite with occurrences of pyrite (location one). While the N2 road was passable by vehicle, the N3 was not. The N3 road produced little in the way of mineralization but several outcrops of banded limestone were identified.
- September 24: Finished the survey on the N3 road and did a traverse down Gash Creek. Another mineralized zone of oxidized hematite and pyrite was identified (location two). Several outcroppings of banded limestone were also identified. Biotite/granite float and quartz float were found in the creek. There was a considerable amount of overburden and vegetation.
- September 25: Finished the survey on Gash Creek, broke camp and returned to the North/East section of the claim via the North fork of the Scotch Creek road. Set-up camp and did a traverse down Kwikoit Creek. At the Southern end of the claim, near station E4, on Kwikoit Creek there are several small quartz veins; also, several outcroppings of biotite/granite.
- September 26: Finished the Kwikoit Creek survey and discovered a third mineralized zone with pyrite and magnetite (location three). Several quartz veins were found but limited mineralization. Many outcrops of biotite/granite. Very heavily forested with cedar and thick underbrush. Broke camp and returned home.

CONCLUSIONS

Kuroko-type massive sulfide deposits are presently being mined to the immediate West of the Golden Eagle II claim and in all likelihood extend into this property. These deposits on the Adams Plateau have extended hundreds of meters and are rich in Ag - Hg - Zn - Cu and As. A geophysical and geochemical program over the three areas targeted by prospecting will be commenced in 1985.



REFERENCES

Report of the Minister of Mines 1930 page A184 - A188.

Report of the Minister of Mines 1936 page D39 - D43.

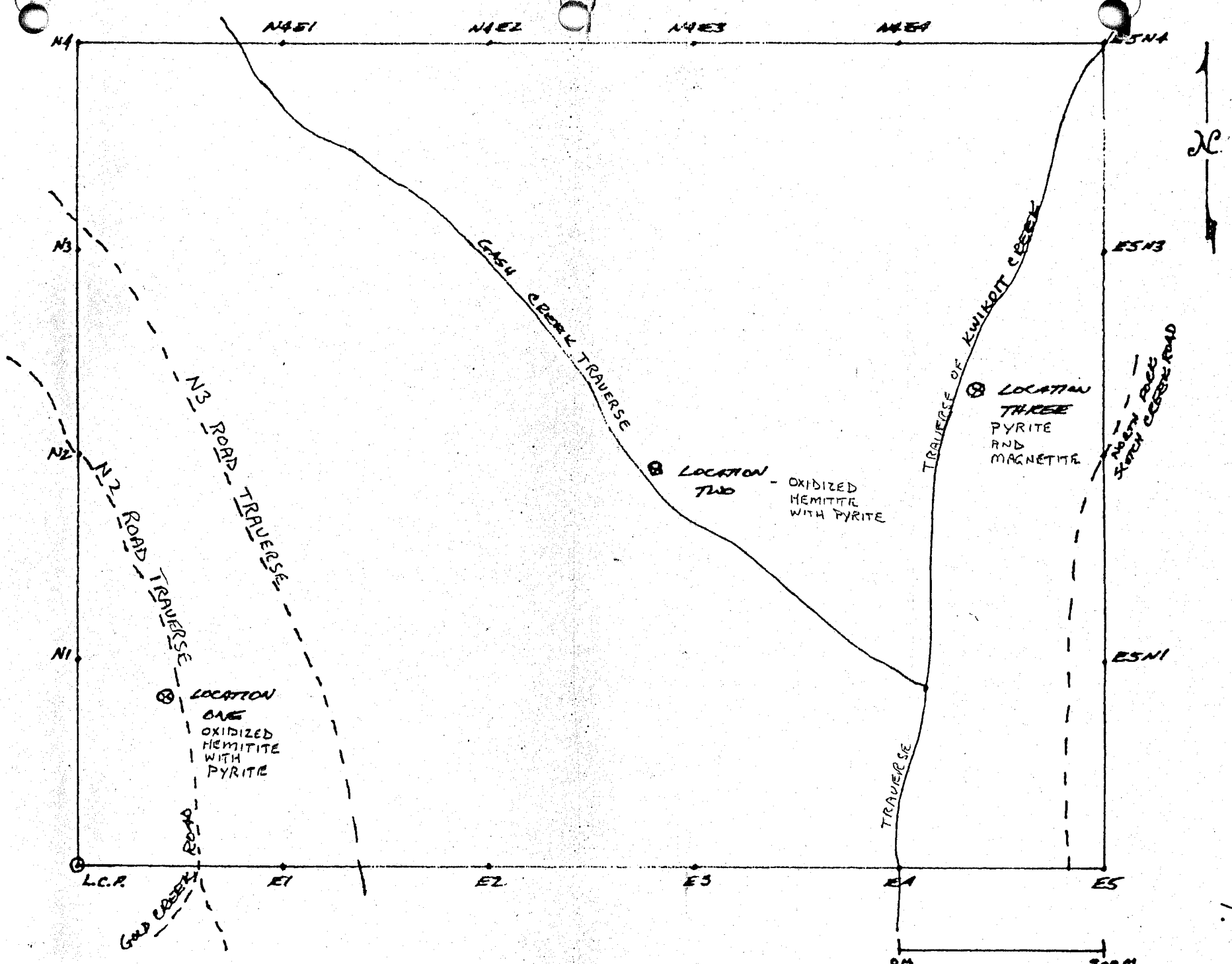


PLATE No. 1  
 FOR: MACKENZIE RANGE GOLD INC.

N.T.S.: 82M/3W  
 DRAWN BY: LARRY D. LUTTEN

DATE: SEPTEMBER 27, 1981  
 SCALE: 4 CM = 500 M

STATEMENT OF EXPENDITURES  
for Prospecting  
on the  
Golden Eagle II Mineral Claim  
September 23 - 28, 1984

LABOUR

L.D. Lutjen 4 days at \$125.00 per day	\$	500.00
R.D. Lodmell 4 days at \$125.00 per day		500.00
Jon Lutjen 4 days at \$125.00 per day		500.00

EXPENSES

Truck usage 4 days at \$30.00 per day	120.00
Meals for 12 man days at \$20.00 per day	240.00
Camping equipment usage for expedition	50.00

REPORT PREPARATION

2 man days at \$125.00 per day	250.00
Typing, stationary and reproduction	<u>40.00</u>

Total Cost	<u>\$ 2,200.00</u>
------------	--------------------

AUTHORS QUALIFICATIONS

I Larry D. Lutjen having graduated from the College of San Mateo, U.S.A., in 1965 (Degree in Electronics) have the following prospecting experience:

- 1958-1962 Surface and underground mining on the Hard Quartz mineral claim, Adin Mt. California (Drilling, Blasting, Timbering, Highgrading)
- 1963-1969 Prospecting with John Harden on the Warner Range (California), Lovelock Plateau (Nevada), and Shaffer Mountain (California), for Au, Ag, Hg, W, Mo, Cu, Zn & Pb. Staked many claims.
- 1972-1976 Geophysical prospecting with Frank Hall in the Scotch Creek area (British Columbia). Optioned several claims, Silver King, Silver Queen etc., (Used Horizontal & Vertical loops at 1600 c.p.s. Sharpe SE 600, and self potential surveys)
- 1977-1980 Geophysical & geochemical prospecting in the Shuswap lake and Adams plateau area. (McPhar 800 magnetometer). Geophysically prospected the Lost Cabin Mine on Adin Mt., California for Lorcan Resources Ltd., resulting in a ten year option.
- 1981-1982 Geophysical & geochemical prospecting with J.A. Lutjen and R.D. Lodmell in the south central region of B.C. (McPhar 800 and S.P.). Staked 12 properties from Beaverdell to the Adams plateau.
- 1982-1983 Recieved my geophysical certification from Malaspina College. Did a geophysical survey on Ground Hog Basin for Aurun Minerals Ltd. (Geonics 816-G Proton Mag. and EM-16 VLF-EM), including geochemical sampling, geophysical mapping and grid layout. Geochemical sampling and geological mapping for Tylox Resources Ltd. on the AU-1 & AU-2 claims in the Monashee Pass.
- 1983-1984 Geophysical survey on the Golden Eagle claims for MacKenzie Range Gold Inc., including mapping and interpretation. (Scintrex MF-2 Magnetometer, Sabre mod. 27 VLF-EM, and S.P.). Geophysical and geochemical survey on the Golden Quartz 1-12 on Adin Mt. for MacKenzie Range Gold Inc. (Scintrex MF-2 and Sabre mod. 27 VLF-EM).

Larry D. Lutjen  
 Certified Geophysical Prospector  
 R.R. #1, Box #12  
 Chase, B.C., Canada  
 VOE 1M0

# MALASPINA COLLEGE

## Statement of Course Completion

LARRY D. LUTJEN

has

Successfully Completed 180 Hours of Instruction  
in

MINERAL EXPLORATION FOR PROSPECTORS

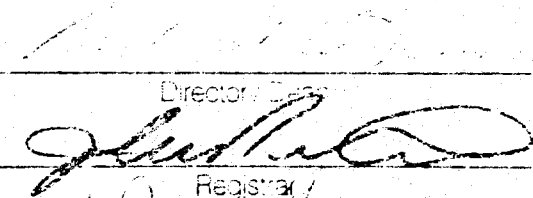
PRESENTED BY B.C. MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES  
B.C. MINISTRY OF EDUCATION

APRIL 16 to 30, 1983 - MESACHIE LAKE, B.C.

MAY 2, 1983

Dated at Nanaimo,  
British Columbia, Canada

  
Malaspina  
College

  
Director/Registrar

Registrar

  
Instructor

AUTHOR'S QUALIFICATIONS

I, Richard Lodmell, residing at 534 MacKenzie Street, Kamloops, British Columbia, (mailing address M.P.O. Box 342, Kamloops, B.C., V2C 5K9), certify that:

1. I am a practising prospector in British Columbia.
2. I have worked in the mining and mine exploration industries throughout the last twelve years, in British Columbia.
3. I have completed a rock and mineral identification course in Kamloops, British Columbia, presented by the District Geologist, Gordon White.
4. I am a graduate of the Advanced Course in Mineral Exploration for Prospectors in British Columbia, presented by the Ministry of Energy, Mines and Petroleum Resources and Malaspina College.

# MALASPINA COLLEGE

## Statement of Course Completion

RICHARD LODMELL

has

Successfully Completed 180 Hours of Instruction  
in

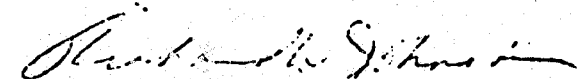
MINERAL EXPLORATION FOR PROSPECTORS

PRESENTED BY B.C. MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES  
B.C. MINISTRY OF EDUCATION

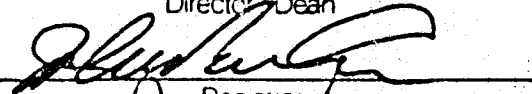
APRIL 16 to 30, 1983 - MESACHIE LAKE, B.C.

MAY 2, 1983

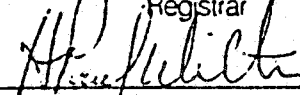
Dated at Nanaimo,  
British Columbia, Canada



Director/Dean



Registrar



Instructor

