

LOG NO: 1016	RD
ACTION:	
FILE NO:	

ASSESSMENT REPORT

MAC CLAIM

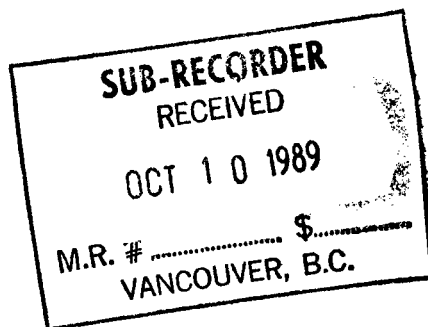
KAMLOOPS MINING DIVISION

BRITISH COLUMBIA

NTS 82M/05W

51°19'00"N, 119°56'30"W

FALCONBRIDGE LIMITED
202-856 HOMER STREET
VANCOUVER, B.C.
V6B 2W2



SEPTEMBER, 1989

S.G. Clemmer

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

19,173

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INTRODUCTION

Location and Access

The property is located 80 kilometres north-northeast of Kamloops, British Columbia. It lies south of Birk Creek and covers the headwaters of Mack Creek on NTS 82M/05W. It's centre is at approximately 51° 19' 00"N latitude and 119° 56' 30"W longitude (see figure 1).

Road access to the property is good and it may be reached as follows: from Kamloops, north along the Yellowhead Highway #5 to Barriere (63km), then east along the East Barriere Lake road to the North Barriere Lake turn-off (16km), then north along the North Barriere Lake road for 8.5km to the Birk Creek Logging which provides access to the Mac claim.

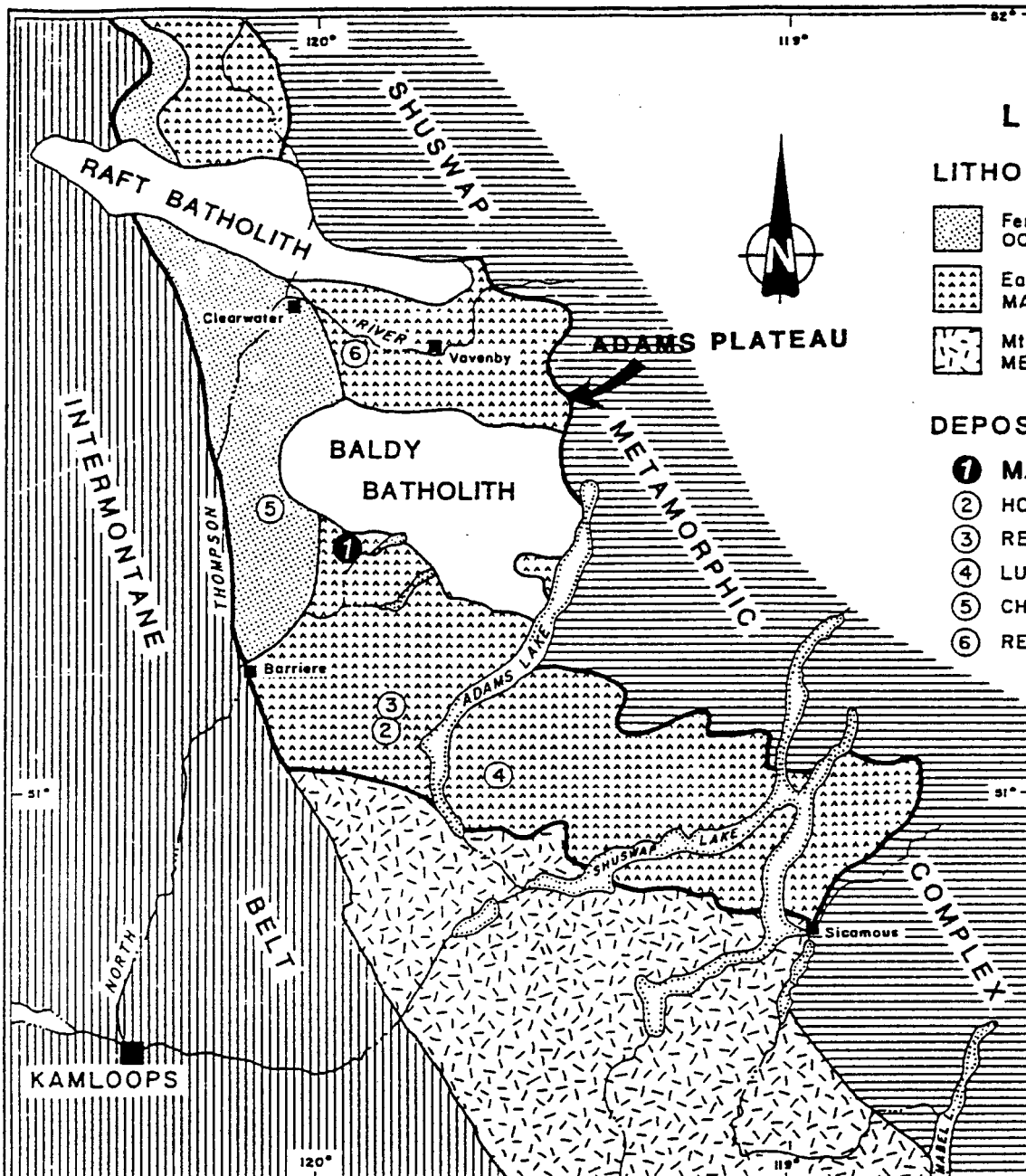
CLAIM STATUS

The Mac property comprises 1 MGS mineral claim, totalling 12 units. The claim and its status is summarized below. The location of the claim is shown in figure 2.

CLAIM	UNITS	RECORD NO.	RECORD DATE	ASSESSMENT DATE
MAC	12	7984	Aug 17, 1988	Aug 17, 1991

1989 WORK PROGRAM

Aerial photography was carried out over the Mac claim on June 4th, 1989 and an orthophoto and geographical contour line map were produced at a scale of 1:5000 in the period June 4 to July 24, 1989. The work was done by The Orthoshop, Suite 104, 3016 19th St, N.E., Calgary, Alberta.



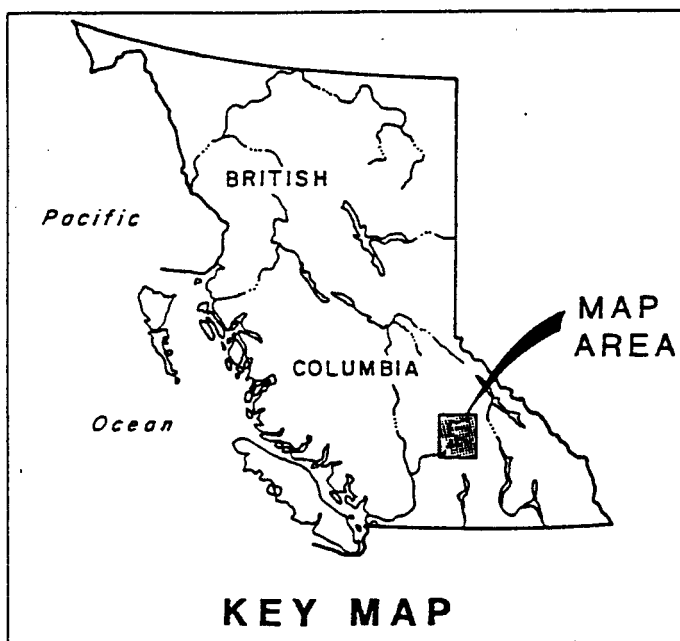
LEGEND

LITHOLOGY

- Fennel Formation: OCEANIC BASALTS
- Eagle Bay Group: MAFIC & FELSIC VOLCANICS
- Mt. Ida Group: METAMORPHIC COMPLEX

DEPOSITS/SHOWINGS

- ① MAC PROJECT**
- ② HOMESTAKE
- ③ REA / SAMATOSUM
- ④ LUCKY COON
- ⑤ CHU CHUA
- ⑥ REXSPAR



KEY MAP

FALCONBRIDGE LIMITED

ADAMS PLATEAU MAC CLAIM LOCATION MAP

PROJ.

WORK BY	DRAWN BY	DATE
JB	VJG	

km 0 10 20 30 40 50 km

1 : 1,000,000

Figure: 1

APPENDIX 1 : STATEMENT OF WORK



Province of British Columbia
Ministry of Energy, Mines and Petroleum Resources
MINERAL RESOURCES DIVISION — TITLES BRANCH

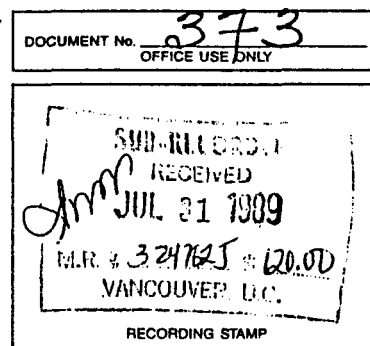
Mineral Tenure Act
Sections 25, 26 & 27

STATEMENT OF WORK — CASH PAYMENT

Indicate type of title MINERAL
(Mineral or Placer)

Mining Division KAMLOOAS

I, STANLEY GORDON CLEMMER Agent for FALCONBRIDGE LIMITED
(Name) (Name)(s)
202-856 HOMER ST. 202-856 HOMER ST.
(Address) (Address)
VANCOUVER, B.C. VANCOUVER, B.C.
688-5476 VCB 2W2 688-5476 VCB 2W2
(Telephone) (Postal Code) (Telephone) (Postal Code)
Valid subsisting FMC No. 285143 Valid subsisting FMC No. 279927
FMC Code CLEMSG FMC Code FALLI



STATE THAT: (NOTE: If only paying cash in lieu, turn to reverse and complete columns G to J and Q to T.)

1. I have done, or caused to be done, work on the MAC

Claim(s)

Record No(s) 7984

Work was done from MAY 1, 1989, to JULY 24, 1989;

and was done in compliance with Section 50 of the Mineral Tenure Act and

Section 19(3) of the Regulation YES ☒ NO ☐

I hereby request that the claims listed in Column G on this Statement of Work be Grouped and I confirm that

all claims listed are contiguous YES ☒ NO ☐

FEE — \$10.00

TYPE OF WORK

PHYSICAL: Work such as trenches, open cuts, adits, pits, shafts, reclamation, and construction of roads and trails. Details as required under section 13 of the Regulations, including the map and cost statement, must be given on this statement.

PROSPECTING: Details as required under section 9 of the Regulations must be submitted in a technical report. Prospecting work can only be claimed once by the same owner of the ground, and only during the first three years of ownership.

GEOLOGICAL, GEOPHYSICAL, GEOCHEMICAL, DRILLING: Details must be submitted in a technical report conforming to sections 5 through 8 (as appropriate) of the Regulations.

PORTABLE ASSESSMENT CREDIT (PAC) WITHDRAWAL: A maximum of 30% of the approved value of geological, geophysical, geochemical and/or drilling work on this statement may be withdrawn from the owner's or operator's PAC account and added to the work value on this statement.

TYPE OF WORK (Specify Physical (include details), Prospecting, Geological, etc.)	VALUE OF WORK		
	Physical	*Prospecting	*Geological etc.
<u>ORTHO PHOTO</u> <u>(REPORT TO FOLLOW)</u>			<u>2,739.83</u>
TOTALS	A	+ B	+ C <u>2,739.83</u>
PAC WITHDRAWAL — Maximum 30% of Value in Box C Only			E → E
from account(s) of _____			TOTAL <u>F2,739.83</u>
* Who was the operator (provided the financing)? Name <u>FALCONBRIDGE LIMITED</u> Address <u>202-856 HOMER ST.</u> <u>VAN.</u> Phone: <u>688-5476</u>	Transfer amount in Box F to reverse side of form and complete as required.		

F 2,739.83 I WISH TO APPLY \$ 2400.00 OF THE
TOTAL VALUE FROM BOX F AS FOLLOWS:

Columns G through P inclusive MUST BE COMPLETED before work credits can be granted to claims. Columns G through J and Q through T inclusive MUST BE COMPLETED before a cash payment or rental payment can be credited. Columns not applicable need not be completed.

Cash Payment

CLAIM IDENTIFICATION

	G	H	I	J
	CLAIM NAME (one claim/lease per line)	RECORD No.	No. OF UNITS*	CURRENT EXPIRY DATE
1	MAC	7984	12	Aug 89
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				

NOTICE TO GROUP No. _____ RECORDED

APPLICATION OF WORK CREDIT

[illegible]

*2 POST. FRACTION. REV. CROWN GRANT
AND PLACER CLAIM ARE 1 UNIT EACH

CASH IN LIEU OF WORK OR LEASE RENTAL

[illegible]

Value of work to be credited to portable assessment credit (PAC) account(s).
[May only be credited from the approved value of Box C not applied to claims.]

Name _____

Amount

Name of owner/operator

1. FALCONBRIDGE LIMITED

BALANCE

I, the undersigned Free Miner, hereby acknowledge and understand that it is an offence to knowingly make a false statement or provide false information under the Mineral Tenure Act. I further acknowledge and understand that if the statements made, or information given, in this Statement of Work — Cash Payment are found to be false and the exploration and development has not been performed, as alleged in this Statement of Work — Cash Payment, then the work reported on this statement will be cancelled and the subject mineral claim(s) may as a result, forfeit to and vest back to the Province.

Signature of Applicant

APPENDIX 2 : STATEMENT OF EXPENDITURE

Aerial Photography, Orthophoto, Line contour Map \$ 2,739.83

APPENDIX 3 : STATEMENT OF QUALIFICATIONS

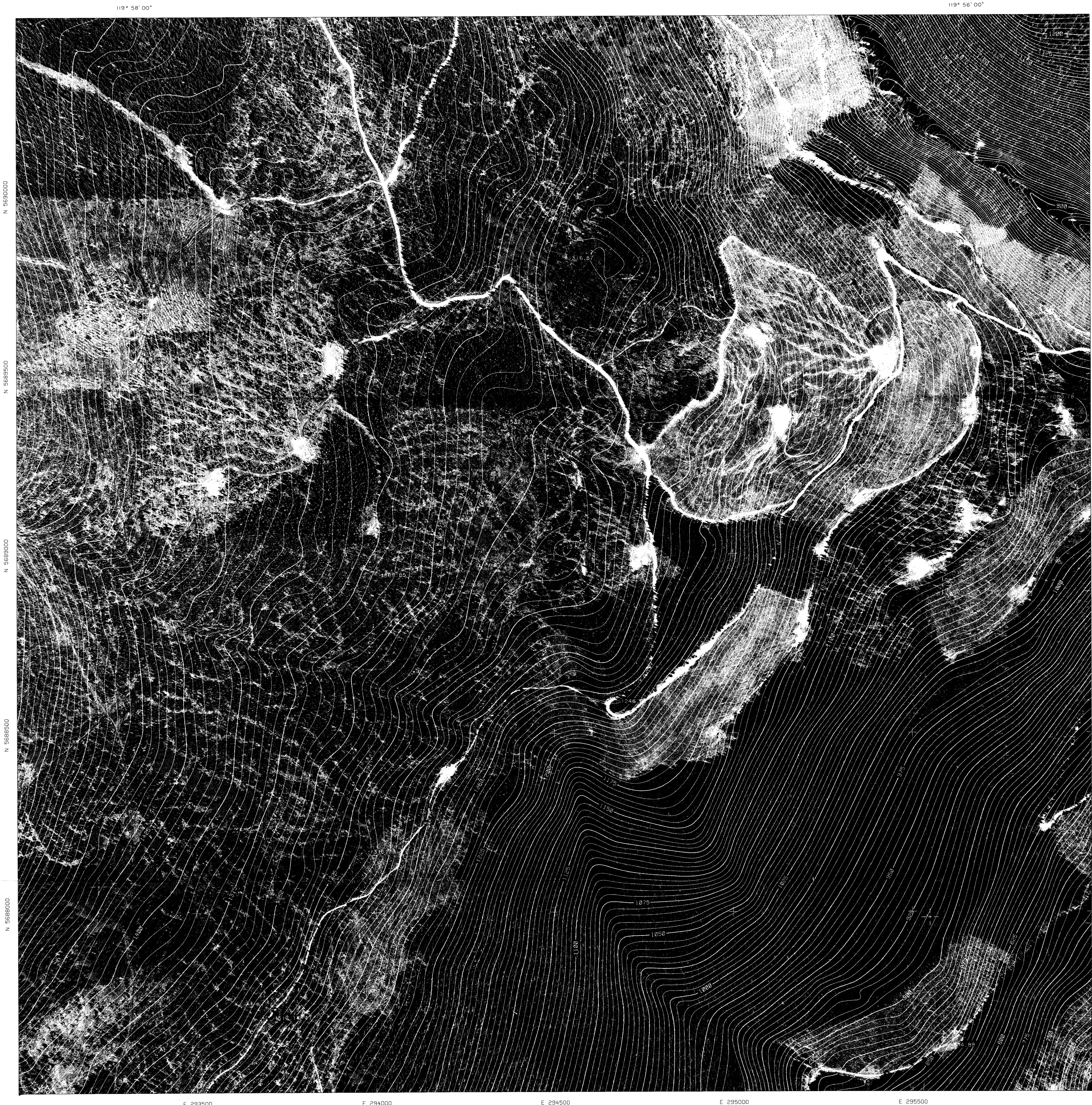
I, Stanley Gordon Clemmer, of Burnaby, British Columbia, do hereby certify that:

1. I am employed by Falconbridge Limited, #202-856 Homer Street, Vancouver, British Columbia, as a Project Geologist.
2. I am a graduate of Carleton University of Ottawa with an Honours BSc. degree in Geology (1978).
3. I have been employed in mineral exploration in Canada since 1978.
4. I am a fellow of the Geological Association of Canada.

Dated this 14th day of September, 1989 at Vancouver, B.C.



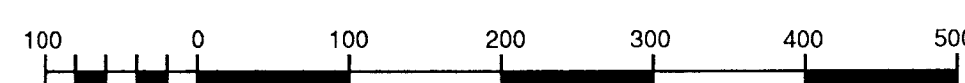
Stanley G. Clemmer, BSc.



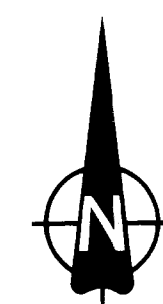
Date of Photography: June 4, 1989
Control taken from N.T.S. Maps 82N/5, 92P/8
Compiled by: THE ORTHOSHOP
WO# 2574

FALCONBRIDGE LTD.
Barriere Lake
British Columbia

ORTHOPHOTO MAP
Scale 1:5,000



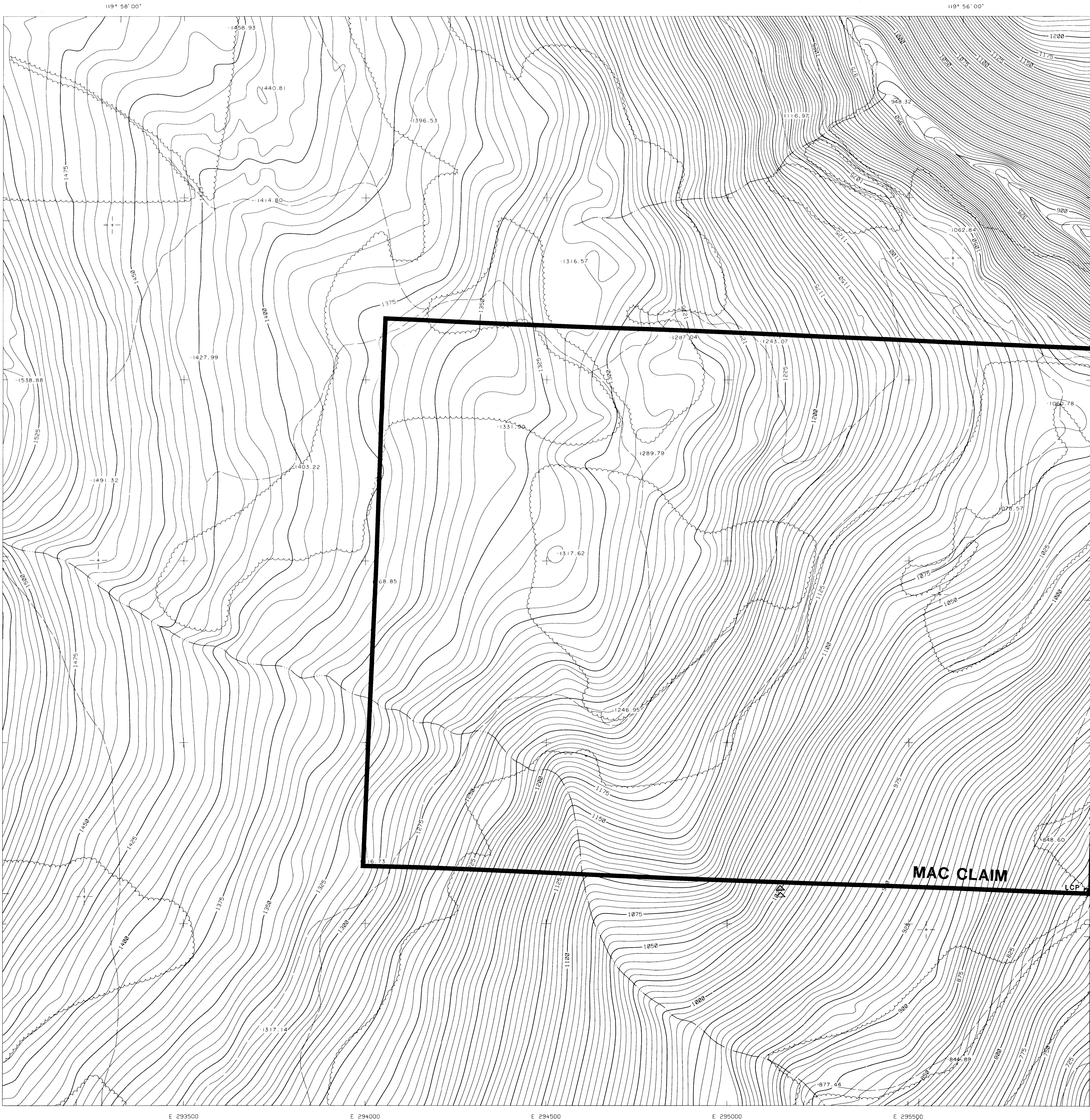
Formline Interval 5 m



UTM NORTH

FALCONBRIDGE LIMITED		
MAC CLAIM		
ORTHOPHOTO		
WORK BY	DRAWN BY	DATE: Sept 1989
SCALE IN METRES		1 : 5000
GEOLOGICAL BRANCH		Figure: 4
ASSESSMENT REPORT		

19,173



LEGEND

- Road ————
- Trail - - - - -
- Building [Symbol]
- River [Symbol]
- Stream [Symbol]
- Lake [Symbol]
- Trees [Symbol]
- Contours [Symbol]
- Index [Symbol]
- Intermediates [Symbol]

FALCONBRIDGE LTD.
Barriere Lake
British Columbia

TOPOGRAPHIC MAP
Scale 1:5,000

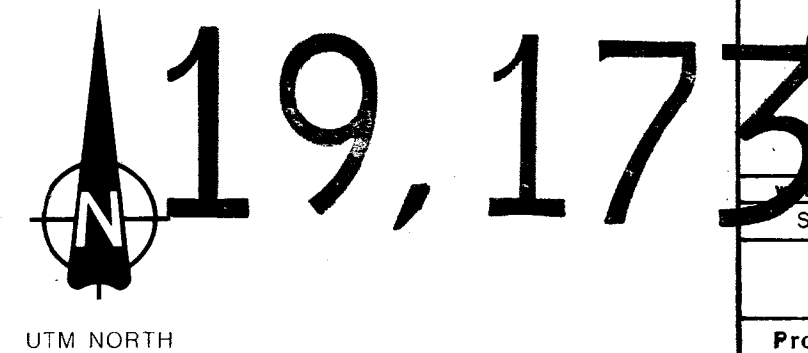


Date of Photography: June 4, 1989
Control taken from N.T.S. Maps 82N/5, 92P/8
Compiled by: THE ORTHOSHOP
WOM 2574

GEOLOGICAL BRANCH FALCONBRIDGE LIMITED
ASSESSMENT REPORT

MAC CLAIM

CONTOUR MAP



DATE	Sept 1989
Project No.	148
NTS:	82 M/5

Figure: **3**