

87-225-16028

REPORT
FOR
ASSESSMENT WORK

ON

CLAIMS SM8 AND SM9

TOTAL 38 CLAIMS

CARIBOO MINING DIVISION

N.T.S. 93 G/1W

Latitude: 53° 04.3'
Longitude: 122° 18.3'

Claims Owned by : Doug Sargent

Work Paid For by: Doug Sargent

Date Submitted: May 4, 1987

FILMED

Authors of Report: General Information - Doug Sargent
Prospecting Data - Ken MacGowan

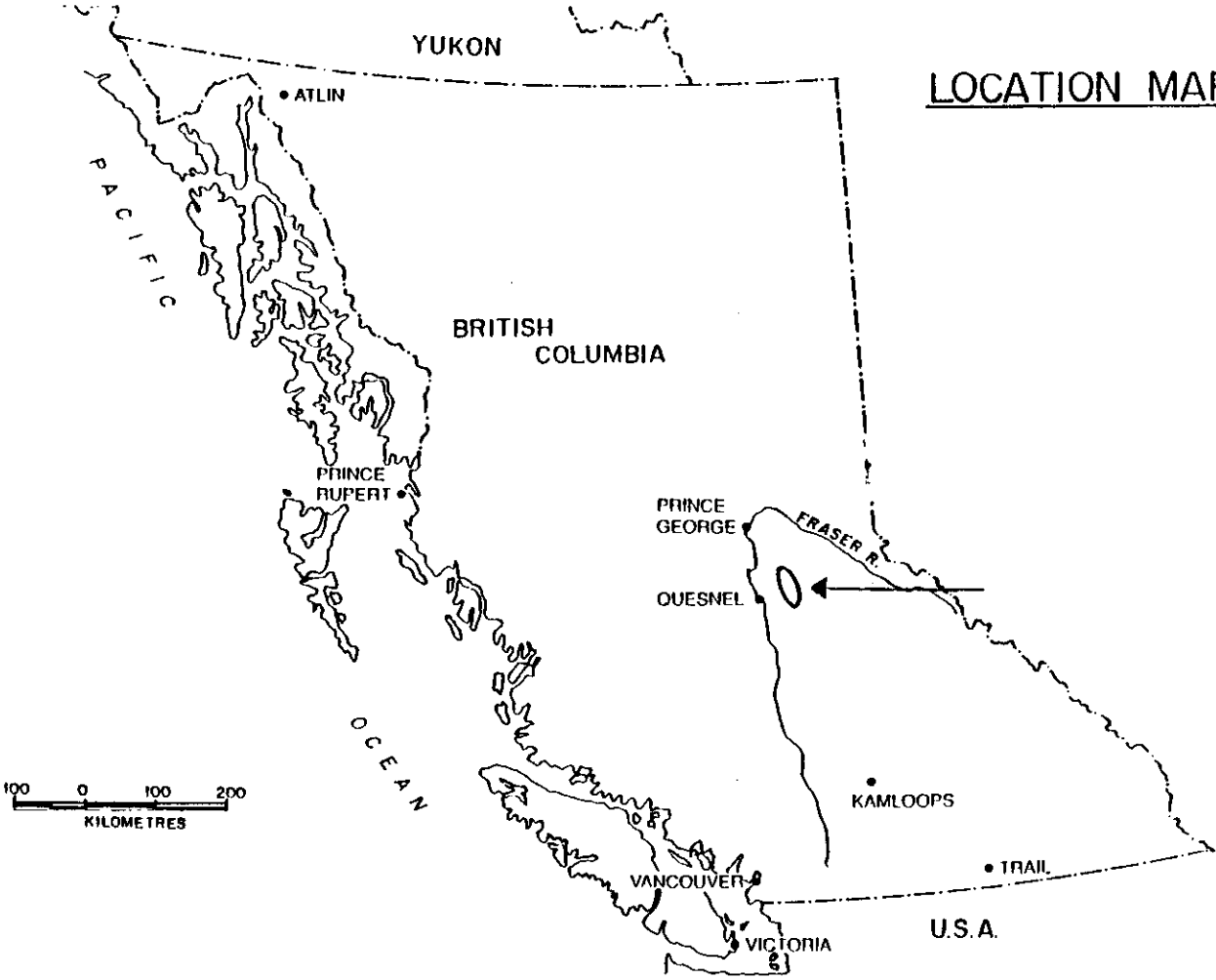
**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

16,028

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LOCATION MAP



INTRODUCTION

a) Location and Access

The SM8 and SM9 properties can be reached from the west by turning east from Highway 97 at Quesnel, British Columbia, onto Highway 26 which joins Quesnel and Barkerville. At 6 kilometers, turn left and follow Schemenauer Road approximately 4 kilometers to Matthews road. Turn right and proceed along Matthews road past the end of the pavement (approximately $\frac{1}{2}$ kilometer) until the railroad crossing at Cotwood is reached. The location post at the southeast corner of SM8 is beside the crossing at Cotwood. Please refer to the forest cover map for road locations on SM8 and SM9.

b) Property Description

The Jess Lake property is roughly bordered by the railroad on the west, the Cottonwood River on the north, Frye Creek on the east and Mouse Mountain to the south. The ground slopes northerly from an elevation of 900 meters to the Cottonwood River at an elevation of 750 meters.

The majority of the Jess Lake property has been logged during the 1950's and 1960's. Some reforestation has taken place since that time.

With reference to the 1984 Regional Geochemical Survey, the Jess Lake properties consist of the following:

- upper triassic and lower jurassic (ANDS 33) Takla group, andesite, basalt, tuff, breccia, conglomerate, greywacke, shale and limestone.

- lower cretaceous (QTMZ36)
quartz monzonite, syenite, monzonite, diorite, granodiorite

The Jess Lake property and surrounding area is well known for placer mining past and present. The hard rock in the vicinity has been prospected for a number of years, however with the alluvium and tills being so deep, nothing could be found with the exception of Mouse Mountain. Chalcopyrite, bornite, malachite, gold and silver were found at Mouse Mountain by various companies (Dupont of Canada, Bethlehem Copper, First Nuclear Corporation Limited) with their recommendations for more exploration of the immediate area.

c) Summary of Work

During 1986, the SM8 and SM9 Jess Lake mineral claims were individually grided by handcompass (see map) and prospected to find surface outcroppings of mineralized rock. The history of the property was also thoroughly researched with the intent to determine how to proceed with further exploration and development work.

The following prospecting report together with the attached maps outlines the results of this investigation.

PROSPECTING REPORT

SM8 (18 Units)

The grid on this claim consisted of 7 lines 3 kilometers in length, spaced 250 meters apart running east to west. The lines were run by compass and the outcroppings flagged. The purpose of the grid was to prospect the ground for bedrock, and when it was found, to thoroughly investigate the area. The west boundary from the L.C.P. to the number 4 corner post was used as the base "0" line. Starting at the L.C.P. and travelling east to number 2 post was line SM8X1 and then proceeding north 250 meters was line SM8X2 and so on until the northwest corner post number 4 which was the completion of the grid lines at SM8X7. The old roads and the entire length of the Cottonwood River contain in the SM8 claim was prospected in addition to the grid lines. The results of all of the prospecting are shown on the enclosed map.

SM9 (20 Units)

The claim was grid into 9 lines running east to west, 2½ kilometers in length and spaced 250 meters apart (see map). The lines were run by compass and the area prospected as noted in SM8 above. The base line used was the west boundary of SM9 starting at the L.C.P. and ending at the #2 corner post or northwest corner. In addition to prospecting the roads and the Cottonwood River shore as noted in SM8, the entire length of Frye Creek was investigated. The results of prospecting the SM9 claim are shown on the enclosed prospecting map.

Conclusion

100% of SM8 and SM9 Jess Lake mineral claims are covered with glacial deposits of till, gravel, silt and alluvium. No bedrock outcroppings were found, therefore no samples were taken. A complete geophysical program should be undertaken to determine possible ore zones.

KEN MACGOWAN

STATEMENT OF QUALIFICATION

I, Ken MacGowan, have been associated with the mining industry from a very early age as my father, John MacGowan, was a mining engineer who worked in central British Columbia for 40 years from 1930 to 1970. During this time I spent approximately 10 years while on summer holidays and on leave from the R.C.A.F. working with my father in the field. My training included geophysical and geochemical surveys, staking, line cutting, placer exploration and mineral exploration. I completed my grade 12 education in 1962 while in the R.C.A.F.

My job experiences since that time include the following:

1) 1965 - 1966: I worked one year for J.D. Burnett International Power Engineer Consulting surveying the 500 K. V. powerline between Williston Lake and Vancouver.

2) 1966 - 1982: I was employed as a lineman for B.C. Hydro on the 500 K.V. line between Williston Lake and Vancouver, and as a lineman for B.C. Telephone Company in various locations in British Columbia. I was also employed in heavy construction throughout B.C. and Alberta as a labour foreman, pipefitter, and rigger, at Cariboo Pulp, Northwood Pulp and Elk Falls. All of my free time between jobs during this period was spent in mineral exploration.

3) 1971 - 1975: I was employed two years intermittently for junior mining companies and major mining companies with the Vancouver Stock Exchange (Citex, Lemac, Ensbrook, Ardo, Nippon Canada, Placer Development). My duties included diamond drilling, prospecting, etc., at McLeese Lake, Cuisson Lake, Morehead Lake, Quesnel River, McLeod Lake, Chuchi Lake, Babine Lake and Nations Lakes. During this time, I also supervised the reopening of the Red Cliff Mine at Stewart, B.C.

4) 1977: I worked six months timber cruising for Ernst Forest Products in Quesnel, B.C.

5) 1978: I worked 6 months doing various rig jobs for Brinkerhoff and Loffland Oil Exploration northeast of Fort Nelson (in the Pointed Mountain and Beaver River areas).

6) 1981 - 1985: I was employed for 3 years by numerous small and large privately owned placer operations in Quesnel, Barkerville and Rock Creek.

7) 1985 : I worked 8 months for a large placer operation (1000 yards per day) at Cottonwood River and Sovereign Creek in the Quesnel area.

8) 1985 to present: I have spent full time in mineral and placer research and exploration in the Quesnel - Barkerville area.

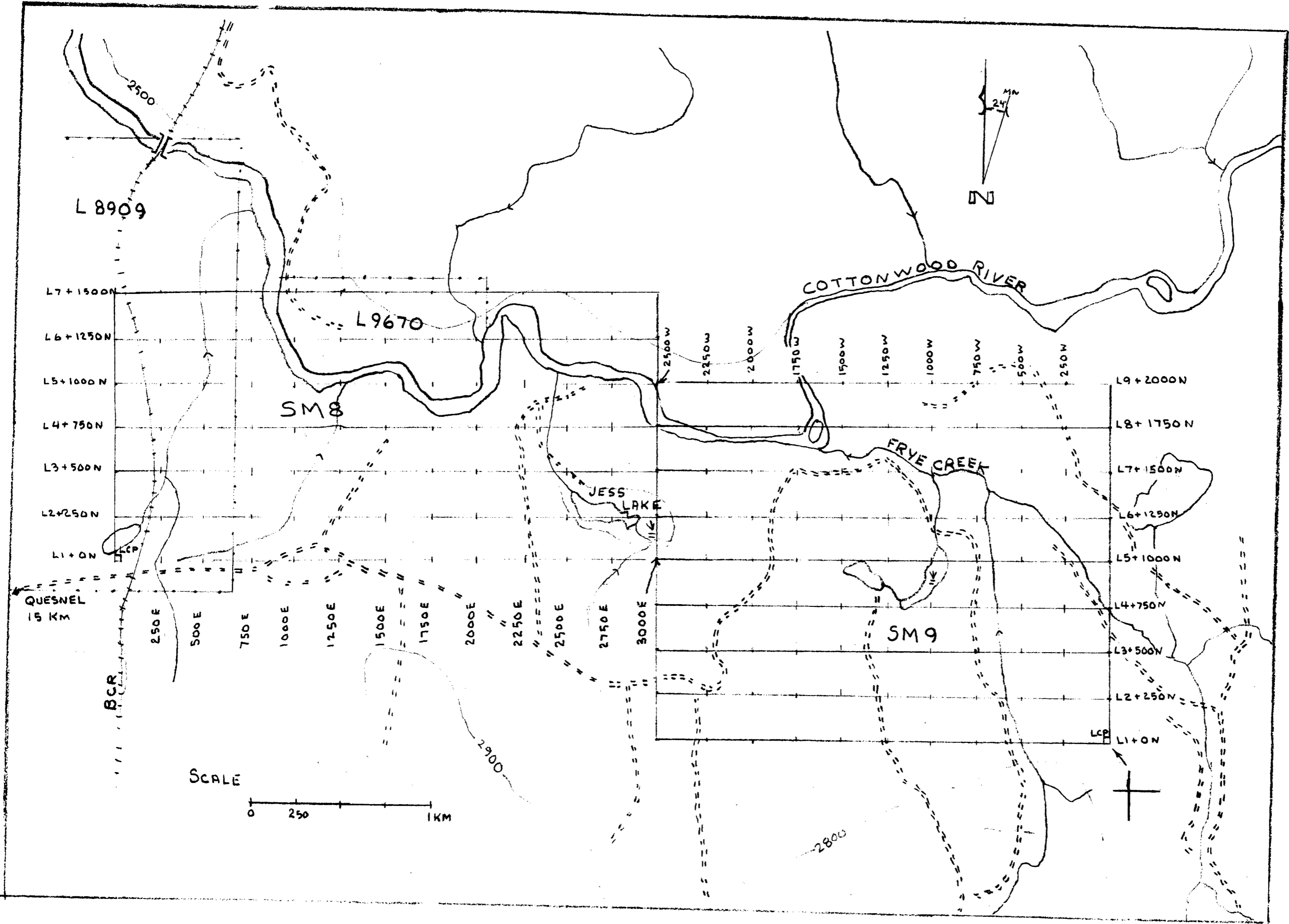
I constantly update my knowledge of exploration and mining methods by reading as many publications related to the geological sciences as possible, and by my conversations with the geologists and other mining associates in the area.

STATEMENT OF EXPENSES

Name	Date	Hours	Rate per day
Ken MacGowan	April 6/86	12	192.00
Doug Sargent	April 6/86	12	150.00
Ken MacGowan	April 9/86	10	160.00
Doug Sargent	April 9/86	10	125.00
Ken MacGowan	April 10/86	12	192.00
Doug Sargent	April 10/86	12	150.00
Ken MacGowan	Sept. 1/86	12	192.00
Doug Sargent	Sept. 1/86	12	150.00
Ken MacGowan	Sept. 4/86	11	176.00
Doug Sargent	Sept. 4/86	11	137.50
Ken MacGowan	Sept. 5/86	11	176.00
Doug Sargent	Sept. 5/86	11	137.50
Ken MacGowan	Sept. 6/86	11	176.00
Doug Sargent	Sept. 6/86	11	137.50
Ken MacGowan	Sept. 7/86	8	128.00
Doug Sargent	Sept. 7/86	8	100.00
Ken MacGowan	Sept. 13/86	12	192.00
Doug Sargent	Sept. 13/86	12	150.00
Ken MacGowan	Sept. 14/86	10	160.00
Doug Sargent	Sept. 14/86	10	125.00

Total Field Labour			\$3,106.50
20 Man Days of Sustenance at \$40.00 per day			800.00
10 Days Truck Rental at \$40.00 per day			400.00
Cost of Assay Samples			0.00
Preparation of Report			250.00

Total Expenditures			\$4,556.50
			=====



JESS LAKE SM MINERAL CLAIMS
 GEOLOGY AND GEOCHEMISTRY
 QUESNEL B.C.
 MAP 93G/1W
 CARIBOO MINING DIVISION
 2 JUNE 1986

LEGEND:

- ==== ROAD
- LCP LEGAL CORNER POST
- ≡ SWAMP
- BRITISH COLUMBIA RAIL ROAD
- L129 LEGAL SURVEY LOT
- AREA BEING PLACER MINED
- 2700 ELEVATION IN FEET

MINERAL CLAIMS

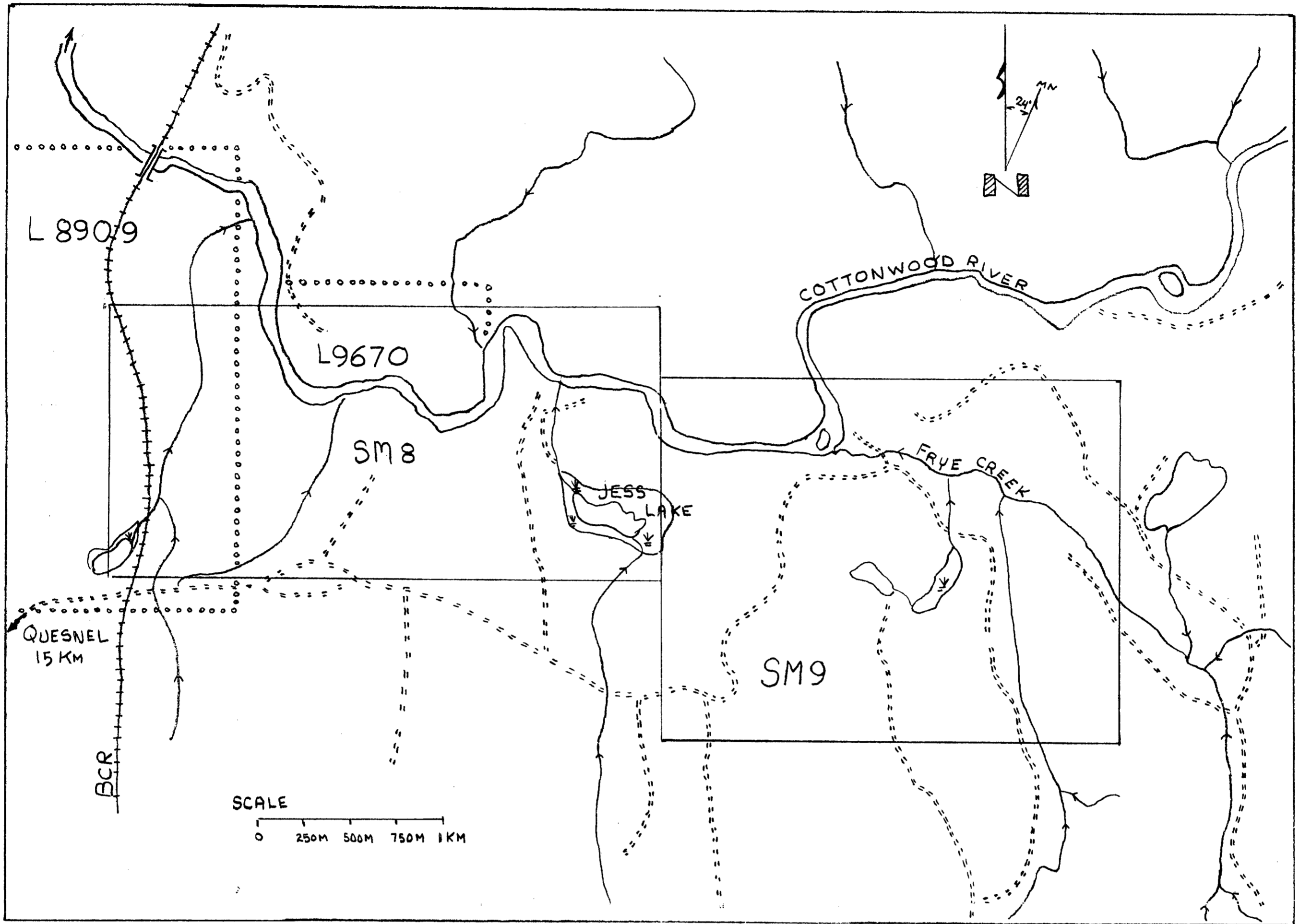
NAME	SM B	SM 9
NUMBER OF UNITS	18	20
TAG NUMBER	99560	99561
RECORD NUMBER	7507	7508

OWNER

DOUG SARGENT
 728 McLEAN ST.
 QUESNEL B.C.
 V2J 2P9

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JESS LAKE SM MINERAL CLAIMS

QUESNEL B.C.
 N.T.S. 93G/IW
 CARIBOO MINING DIVISION

LEGEND:

- ROAD
- LCP LEGAL CORNER POST
- ≡ SWAMP
- STREAM AND DIRECTION OF FLOW
- L8909: LEGAL SURVEY LOT
- ≡≡≡ TRAIN BRIDGE
- BCR BRITISH COLUMBIA RAIL ROAD

OWNER

DOUG SARGENT
 1728 McLEARN ST.
 QUESNEL B.C. V2J2P9

S.M. MINERAL CLAIMS

NAME	SM 8	SM 9
NUMBER OF UNITS	18	20
METAL TAG NUMBER	99560	99561
RECORD NUMBER	7507	7508

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