

PROSPECTING REPORT

For the Ymir Belle Claim Group which consists of the Ymir Belle 1 to 4 2-post claims and the Ymir Belle Fractional Mineral Claim. The claims are located approximately 11 kilometers North East of the town of Ymir in the Nelson Mining Division.

N.T.S. Map 82F/6E

Latitude 49°20'

Longitude 117°06'

MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT

9333

Owners/Operators: C. Pittman  
R. Bourdon  
A. Nijhuis

This report prepared by:

C. Pittman & R. Bourdon

June 15, 1981

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## INTRODUCTION

This prospecting report has been prepared for assessment work credit and is a summary of work completed during 1980 on the Ymir Belle Claim Group. This property was examined by C. Pittman, A. Nijhuis and the writer during August and September of 1980.

## TOPOGRAPHY & CLIMATE

The ground held by the Ymir Belle Group ranges in elevation from 3800 to 5400 feet above sea level (1150 to 1650 metres). The terrain is moderately steep and slopes range from 10% near the valley bottom up to 80% near the Northeast portion of the property. The claims have a Southerly exposure and the hillside is very dry. Timber is patchy and scattered and consists mainly of young Douglas Fir and deciduous species near the bottom with a transition into 40 to 60 year old Spruce and Balsam on the upper portions. The majority of the area is covered with heavy underbrush and in places walking is very difficult. Although the prospect is situated in a moderately heavy snow area, the Southerly exposure generally leaves the area free of snow from early in May until late in November. Two (2) small unnamed creeks flow through the property but both were found to be almost dry during the late Summer of 1980.

## ACCESS & LOCATION

The Ymir Belle Group is situated on the North side of Ymir Creek (Wildhorse Cr.) and about 11 kilometers as the crow flies Northeast of the small community of Ymir. Access to the prospect is gained by following a rough 2-wheel drive road which commences at Ymir and follows the Ymir Creek valley for about 12 kilometers to the Southern edge of the claims.

Ymir is situated on highway 6 in the Salmo River valley and is about 30 kilometers South of the City of Nelson.

## CLAIMS INFORMATION

The property consists of the following located claims which are registered in the Nelson Mining division in the name of Charles G. Pittman. The claims have been grouped as the Ymir Belle Claim Group, the locations of which are shown on B.C. Ministry of Mines claim map 82F/6E.

<u>CLAIM NAME</u>	<u>RECORD NO.</u>	<u>RECORDING DATE</u>
Ymir Belle #1	1755	June 18, 1980
Ymir Belle #2	1756	June 18, 1980
Ymir Belle #3	1757	June 18, 1980
Ymir Belle #4	1758	June 18, 1980
Ymir Belle Fr.	1754	June 18, 1980

## BRIEF HISTORY

History of this prospect is almost completely lacking. The only noteworthy reference found by the writer is contained in Geological Survey of Canada Memoir 94 which reads as follows:

<sup>a</sup> Location and Development. The Ymir Belle group of four claims, held by location, is situated between the Foghorn and Wilcox mines at an elevation of about 4,500 feet above sealevel. Development consists of about 145 feet of sinking on the vein, besides small open-cuts and pits. The owners H.L. Jackson, A. McDougall, M. Tait, and J.G. Dewar.

Geology. The workings have disclosed portions of three veins, two of which have the same east and west (magnetic) strike with northerly dips of from 60 to 70 degrees. The two east-west veins are in alignment and may be portions of the same vein; but the third vein, nearer the wagon road, strikes almost at right angles to the others and dips to the east. The east and west trending vein has an average width of 2 to 3 feet with a maximum of 5 feet. It is composed of oxidized vein rock with disseminated iron pyrite, galena, and zinc blende in small amounts in a gangue of decomposed granite and iron-

stained quartz. An average sample across the vein at the west end, near a shaft full of water, is reported to run \$9 per ton in gold; an 18-inch pay-streak farther east in a 45-foot shaft on what may be the extension of the same vein, is said to have assayed \$41 per ton in gold. The northerly trending vein farther south is reported to run \$30 per ton across a width of 18 inches. The country rock is Nelson granite, porphyritic granite with roof pendant of mica schist, and quartzite, all cut, in turn, by lamprophyre dykes."

In light of the scarcity of written references, it appears that the prospect has received little or no attention since Drysdale wrote his report in 1917. The present claims were located in June of 1980, and we assume that they cover approximately the same ground as the mentioned in Memoir 94.

#### PROSPECTING

Prospecting consisted mainly locating and mapping of the old workings. In addition, assay samples were taken at the major workings and outcrops were examined. The area investigated is shown on the map in the pocket at the back of this report.

Sample locations are shown by sample number on the map and the results obtained are as follows:

<u>Sample No.</u>	<u>Width</u>	<u>Au.</u>	<u>Ag.</u>	<u>Comments</u>
1	Grab	0.56	2.2	Shaft dump
2	0.5 m	0.04	Trace	3 m. W. of Shaft
3	Grab	Trace	Trace	Adit dump
4	0.3 m	Trace	Trace	Most Easterly showing

A brief description of the workings found is as follows (see map for locations):

A. An almost vertical shaft filled to within 2 meters of the surface with water. A moderately large dump indicates that the shaft is probably that mentioned by Drysdale in his report (145 feet deep). A few metres West of the shaft a number of very narrow quartz veins striking approximately East-West may be seen. To the East of the shaft 2 small open cuts were seen. The only mineralization noted was in the dump, and consisted mainly of iron pyrites with very minor amounts of galena and sphalerite. The country rock is granite and no lamprophere dykes were seen.

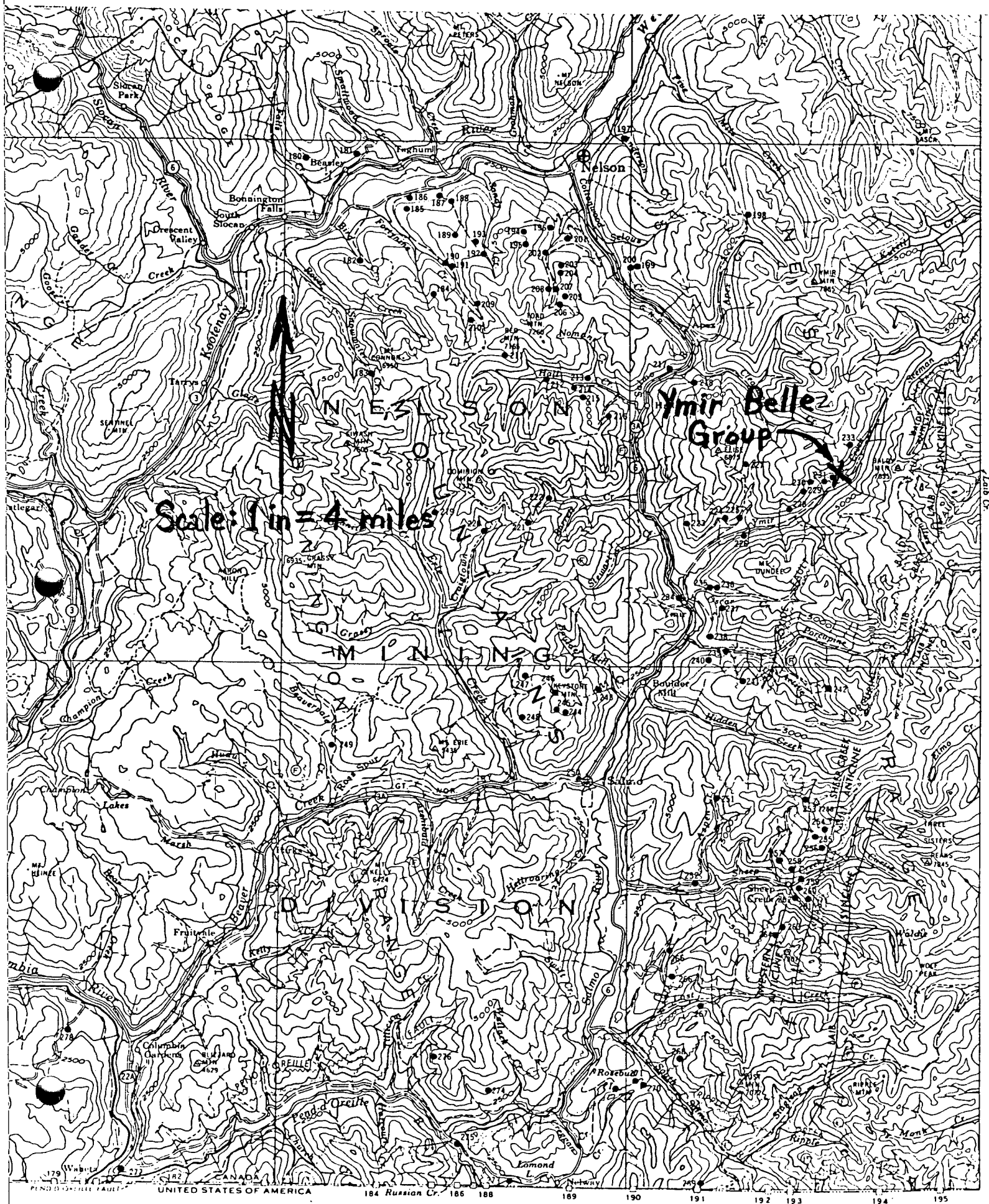
B. A completely caved adit. No quartz vein outcrop could be seen, however, the material on the dump appeared similar to that at the shaft. It is estimated by the size of the dump that the adit was at least 20 metres in length. Country rock is Nelson granite.

C. Three short adits and a shallow shaft or pit filled with water. Dumps were very small and very little quartz or mineralization seen in dumps. A narrow unmineralized quartz vein apparently striking North-South was seen slightly East of the shaft. Country rock is Nelson granite.

#### CONCLUDING REMARKS

Overburden and heavy underbrush make conventional prospecting difficult. The shaft on the Ymir Belle fraction appears to be the best target for further prospecting. A large amount of material on this dump appeared to be ore grade and the only encouraging assay was from this location. It is the owner's intention to drain this shaft during the Summer of 1981 in order to better examine the potential of the structure.

# GENERAL LOCATION MAP



Scale: 1 in = 4 miles



APPENDIX III

DETAILED COST STATEMENT

PROJECT: Ymir Belle Claim Group.

FIELD PERSONNEL: R. Bourdon; P.A.A. Prospector, Nelson, B.C.  
A. Nijhuis; P.A.A. Prospector, Nelson, B.C.  
C. Pittman; P.A.A. Prospector, Nelson, B.C.

WORK COMPLETED: Prospecting  
Assay Sampling  
Mapping of Old Workings

COSTS	4 x 4 Pickup truck 3 days @ \$25.00/day	\$75.00
	Prospecting 8 man days @ \$90.00/day	\$720.00
	Assay cost and freight	\$26.00
	Report preparation	<u>\$60.00</u>
	TOTAL COSTS	\$881.00



PROSPECTOR QUALIFICATIONS: C. PITTMAN

- (1) I have been actively prospecting in the Nelson area for the past 4 years.
- (2) In 1979 I completed G. Addie's Prospecting Course sponsored by the Chamber of Mines of Eastern B.C. in Nelson.
- (3) In 1980 I completed the Selkirk College Mineral Exploration Course sponsored by the B.C. Ministry of Mines.

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 C. PITTMAN

SELKIRK



COLLEGE

CASTLEGAR, B. C., CANADA

## COMMUNITY EDUCATION SERVICES

THIS IS TO CERTIFY THAT

CHARLES PITTMAN

HAS PARTICIPATED IN

"MINERAL EXPLORATION FOR PROSPECTORS"

144 HOUR COURSE;

Co-sponsored by the Ministry of Energy, Mines and Petroleum Resources,  
the Ministry of Education,  
and Continuing Education, Selkirk College

*A. Russ Steppard*  
INSTRUCTOR/PROGRAM COORDINATOR

*C. Pittman*  
COMMUNITY EDUCATION

PROSPECTOR QUALIFICATIONS: R.J. BOURDON

IN ADDITION TO ACTIVELY PROSPECTING IN THE NELSON AREA FOR THE PAST 4 YEARS, I HAVE THE FOLLOWING QUALIFICATIONS:

- (1) IN 1977 I ATTENDED AND COMPLETED THE PROSPECTING COURSE SPONSORED BY THE CHAMBER OF MINES OF EASTERN B.C. WHICH WAS INSTRUCTED BY DISTRICT GEOLOGIST GEORGE ADDIE IN NELSON.
- (2) IN 1978 I ATTENDED G. ADDIE'S PROSPECTING COURSE FOR THE SECOND TIME.
- (3) IN 1979 I ATTENDED AND COMPLETED THE SELKIRK COLLEGE MINERAL EXPLORATION COURSE.
- (4) I HAVE RECEIVED THE PROSPECTOR'S ASSISTANCE ACT GRANT FOR THE PAST 3 YEARS.
- (5) REFERENCES: G.G. ADDIE: B.C. MINISTRY OF MINES, NELSON  
A.F. SHEPHERD: B.C. MINISTRY OF MINES, VICTORIA  
G. MURRAY: CHAMBER OF MINES OF EASTERN B.C.: NELSON

R.J. BOURDON

SELKIRK



COLLEGE

CASTLEGAR, B. C., CANADA

COMMUNITY EDUCATION SERVICES

THIS IS TO CERTIFY THAT

ROBERT J. BOURDON

HAS PARTICIPATED IN


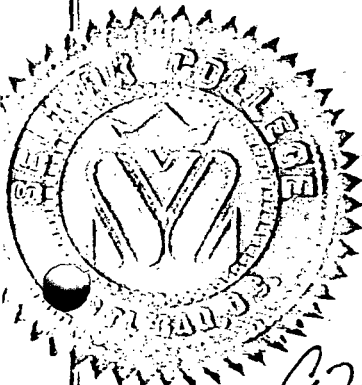
"MINERAL EXPLORATION FOR PROSPECTORS"

120 Hour Course

Sponsored by: Ministry of Energy, Mines & Petroleum Resources, & Ministry of Education, Science & Technology

April 29 - May 12, 1979

  
 INSTRUCTOR/PROGRAM COORDINATOR

  
 DIRECTOR OF COMMUNITY EDUCATION SERVICES


PROSPECTOR QUALIFICATIONS: A. NIJHUIS

- (1) I have been actively prospecting in the Nelson area for the past 4 years.
- (2) In 1977 and 1978 I completed George Addie's Prospecting Course sponsored by the Chamber of Mines of Eastern B.C. in Nelson.
- (3) In 1979 I completed the Selkirk College Mineral Exploration Course sponsored by the B.C. Ministry of Mines.

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A. NIJHUIS

SELKIRK



COLLEGE

CASTLEGAR, B. C., CANADA

## COMMUNITY EDUCATION SERVICES

THIS IS TO CERTIFY THAT

ANTON NIJHUIS

HAS PARTICIPATED IN

"MINERAL EXPLORATION FOR PROSPECTORS"

120 Hour Course

Sponsored by: Ministry of Energy, Mines &amp; Petroleum Resources, &amp; Ministry of Education, Science &amp; Technology

April 29 - May 12, 1979



*A. Marie Stepler*  
INSTRUCTOR/PROGRAM COORDINATOR

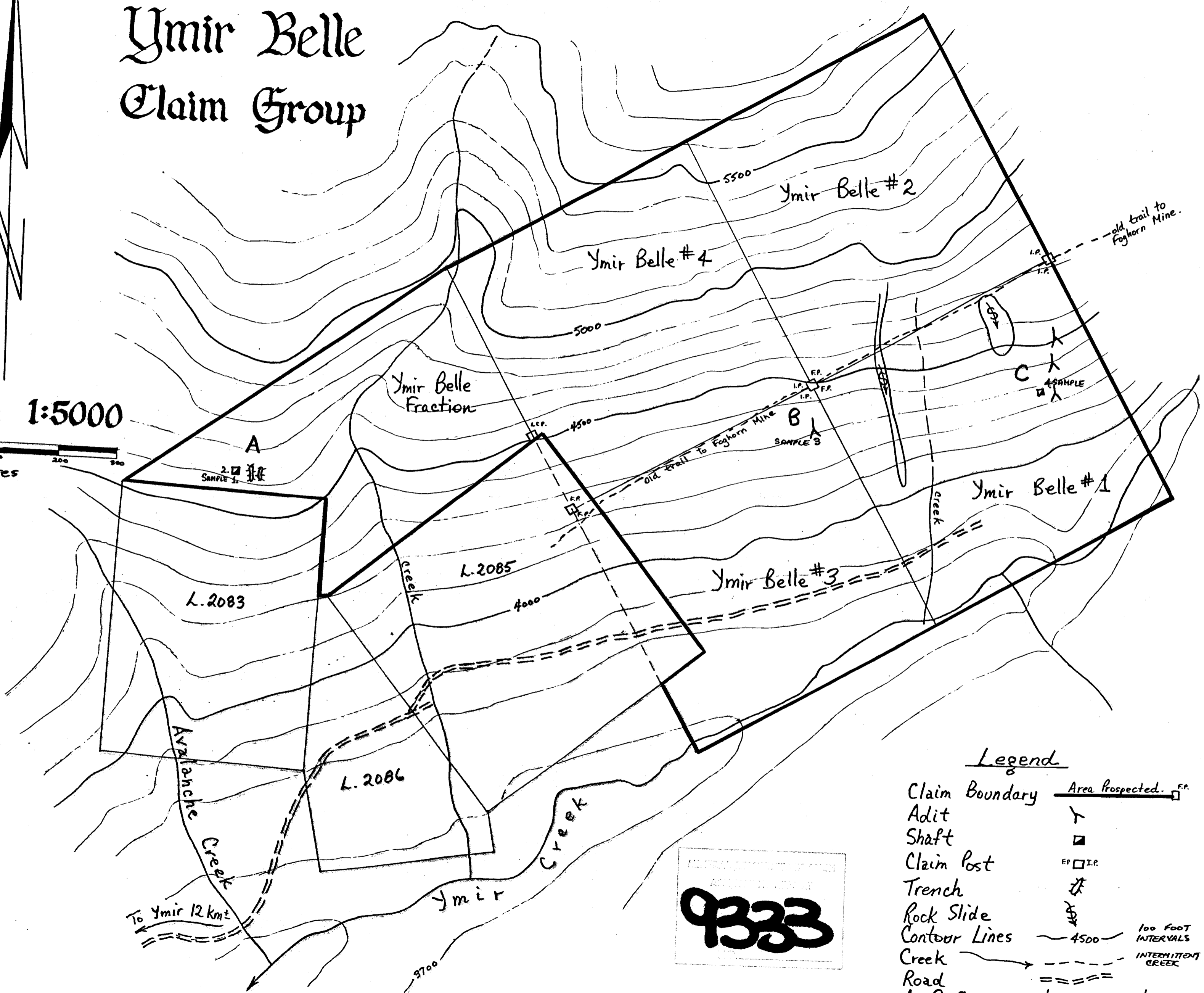
*J. A. Baker*  
DIRECTOR OF COMMUNITY EDUCATION SERVICES

BIBLIOGRAPHY

Geological Survey of Canada Memoir 94, Ymir Mining Camp,  
written by C. W. Drysdale 1917 See page 89.

# Ymir Belle Claim Group

Scale 1:5000  
Metres



## Legend

- Claim Boundary  Area Prospected.
- Adit
- Shaft
- Claim Post
- Trench
- Rock Slide
- Contour Lines  4500  100 FOOT INTERVALS
- Creek  INTERMITTENT CREEK
- Road
- A, B, C  known workings