

82-#689-#10955

Assessment Report
Verity First 1, 2 & 3 Claims
Blue River
British Columbia

October, 1982

Bent E. Aaquist
Project Geologist

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

10.955

October 14, 1982

TITLE PAGE

Exploration assessment report for 1982 on three claims north of Blue River, British Columbia, N.T.S. 83D/6E.

<u>Claim Name</u>	<u>Type</u>	<u>Record No.</u>	<u>Record Date</u>
Verity First 1	2 Post	3860	Oct. 20, 1981
Verity First 2	2 Post	3861	Oct. 20, 1981
Verity First 3 Fraction	2 Post	3862	Oct. 20, 1981

Mining Division: Kamloops

Latitude: 52⁰ 24'

Longitude: 119⁰ 10'

Claim Owners: Anschutz (Canada) Mining Ltd. FMC ~~190441~~ **243460**

Operator: Anschutz (Canada) Mining Ltd.

By: Bent E. Aaquist
Project Geologist

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Pocket	
Claim Map Blue River Area	1:200,000
Verity Area	1:4,000

I. Introduction

The Verity First claims were mapped this summer, as part of a program that involved mapping and sampling of all known carbonatite occurrences from the Verity First claims to the top of the mountain, 6 km. to the east. About one and one half day was spent traversing on and around the three claims.

II. Location and Accessibility

The Verity First claims are about halfway between the towns of Blue River and Valemount. The claims are covered by N.T.S. map 83D/6E, Lempriere. Access to the area is via Yellowhead Highway #5. The claims can be reached by turning off the highway at Lempriere crossing, across the CNR tracks and then drive south along the B.C. Hydro access road for 5.5 km. See the claim map in back pocket for the location of the claims.

III. Topography and Climate

The claims are on the east bank of the North Thompson River at an elevation of 711 meters above sea level. The ground rises steeply to the east to an elevation of 880 meters at the east side of the claims. Hemlock, cedar, fir and pine cover the area

Average annual precipitation is 127 cm, but annual variations can be great.

IV. Geological Work

The Verity First 1-3 claims were staked to cover a possible westward extension of carbonatites in the Specimen Pit and Columbite Pit areas, see Verity Area map in pocket. The results of last year's work in the area indicate that the carbonatites are offset by north-south and east-west block faults. The more prominent of these faults are shown on the Verity Area map as airphoto interpreted lineaments.

Three traverses were made across the three claims. The traverses are shown on the Verity Area map. Only one outcrop was found on the claims. It is an area of poor exposure of massive white coarse crystalline quartz and feldspar pegmatite, at map coordinates 49,300N, 49350E, Verity Area. Two areas of massive to well banded quartz-feldspar-biotite gneiss were found, one in a railroad cut due north of the claims. The dip and strike of the gneiss and the presence of stickensided on joints in the outcrop in the railroad cut, fit the structural interpretation based on last year's work, assessment report 82-90.

Sand and gravel of unknown thickness covers most of the three claims. There are no indications of any carbonatite subcropping in the area. However, an undetected subcrop might exist and remain undetected, because the sand and gravel is mostly glacial outwash material derived from another area.

V. Conclusions and Recommendations

Although a westward extension of carbonatite was not found on the three Verity First claims, subcropping carbonatite might still exist. A detailed ground magnetic survey extending west from the Specimen Pit and Columbite Pit areas should detect the presence of subcrop carbonatite. A survey is recommended using an east-west base-line with cross-lines every 50 meters and readings taken every 10 meters along the cross-lines. The base-line should extend from the Speciment Pit west to the railroad, and cross lines extend from 49,400N to 50,200N, Verity Area grid.

APPENDIX 1

Itemized Cost Statement

Geologist Field Time

\$170/day X 1 $\frac{1}{2}$ day \$255.00

Room and meals \$50/day X 1 $\frac{1}{2}$ day \$75.00

Use of 4 X 4 truck

\$25/day X 1 $\frac{1}{2}$ days \$37.50

Gasoline for truck \$15.00

Report writing and drafting maps by geologist

\$170/day X 1 $\frac{1}{2}$ day \$85.00

Maps and report reproduction

\$12.00

TOTAL

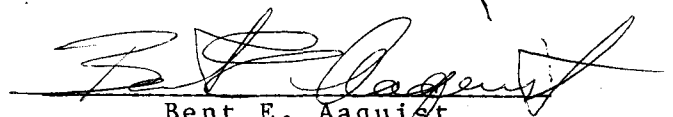
\$479.50

APPENDIX II

Statement of Qualifications

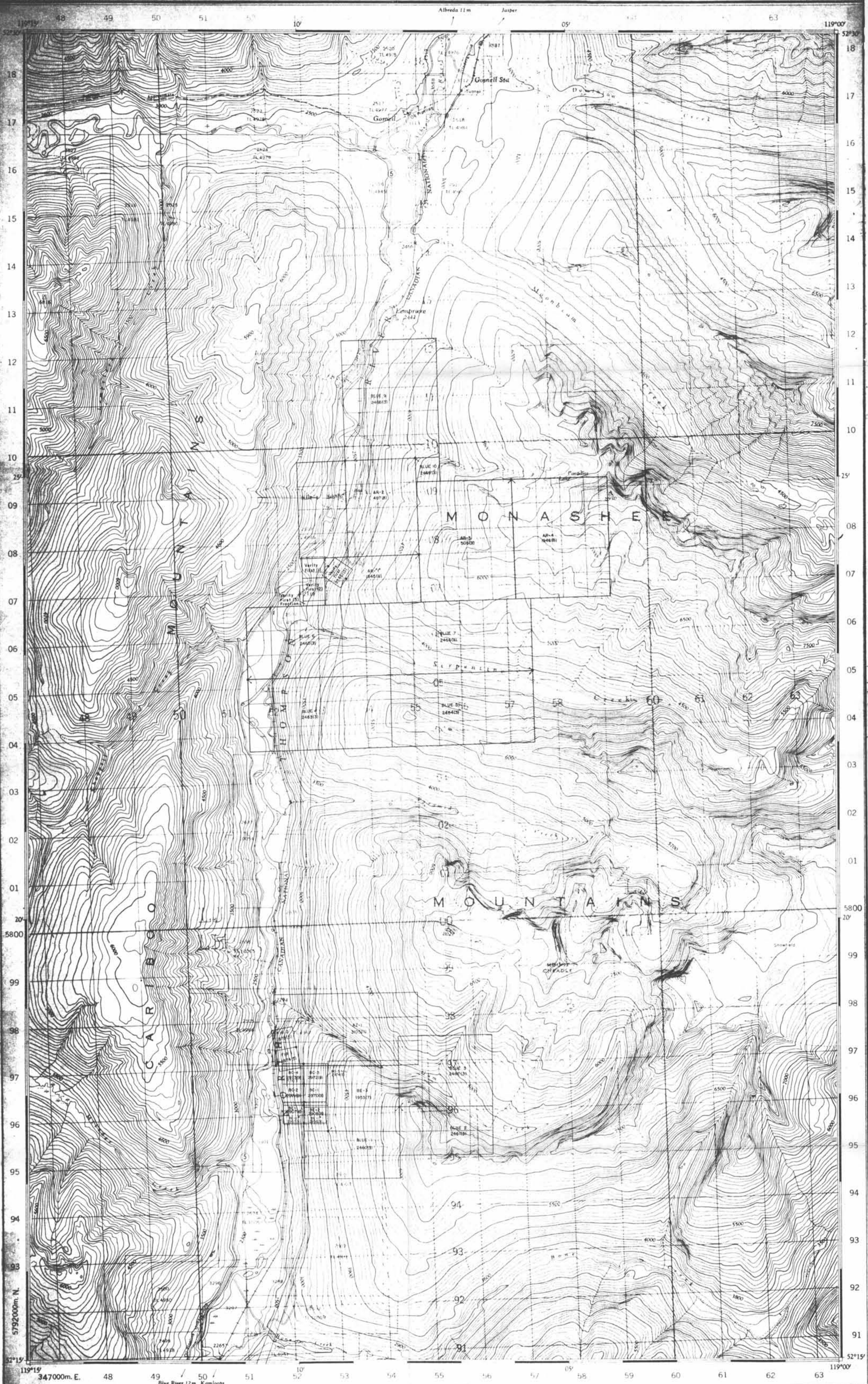
I, Bent E. Aaquist, do hereby certify that:

1. I am an employee of Anschutz Mining Corporation with its office at 2400 Anaconda Tower, 555 Seventeenth Street, Denver, Colorado, U.S.A.
2. I reside at 9462 Sierra Drive, Arvada, Colorado, U.S.A.
3. I am a member of the Canadian Institute of Mining and Metallurgy, a member of the Geological Association of Canada, and a member of the Association of Exploration Geochemists.
4. I am a graduate of the University of Alberta with a B.Sc. in Honours Geology, and a graduate of the University of Western Ontario with a M.Sc. in Geology.
5. I have practised continuously as a geologist since May, 1971.
6. This report is based on work carried out by me in 1982.


Bent E. Aaquist
Project Geologist

Denver, Colorado, U.S.A.
October, 1982

CANADA

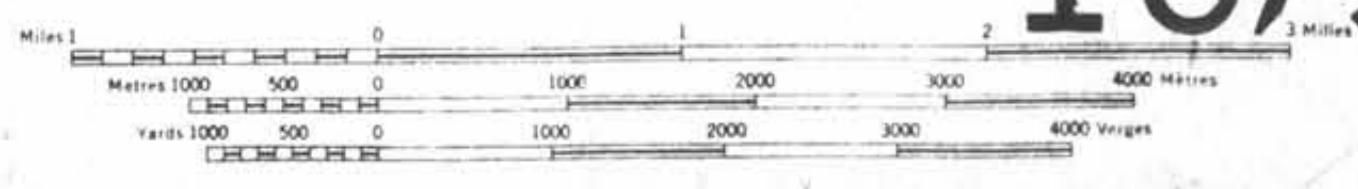


LEMPRIERE KAMLOOPS DISTRICT BRITISH COLUMBIA

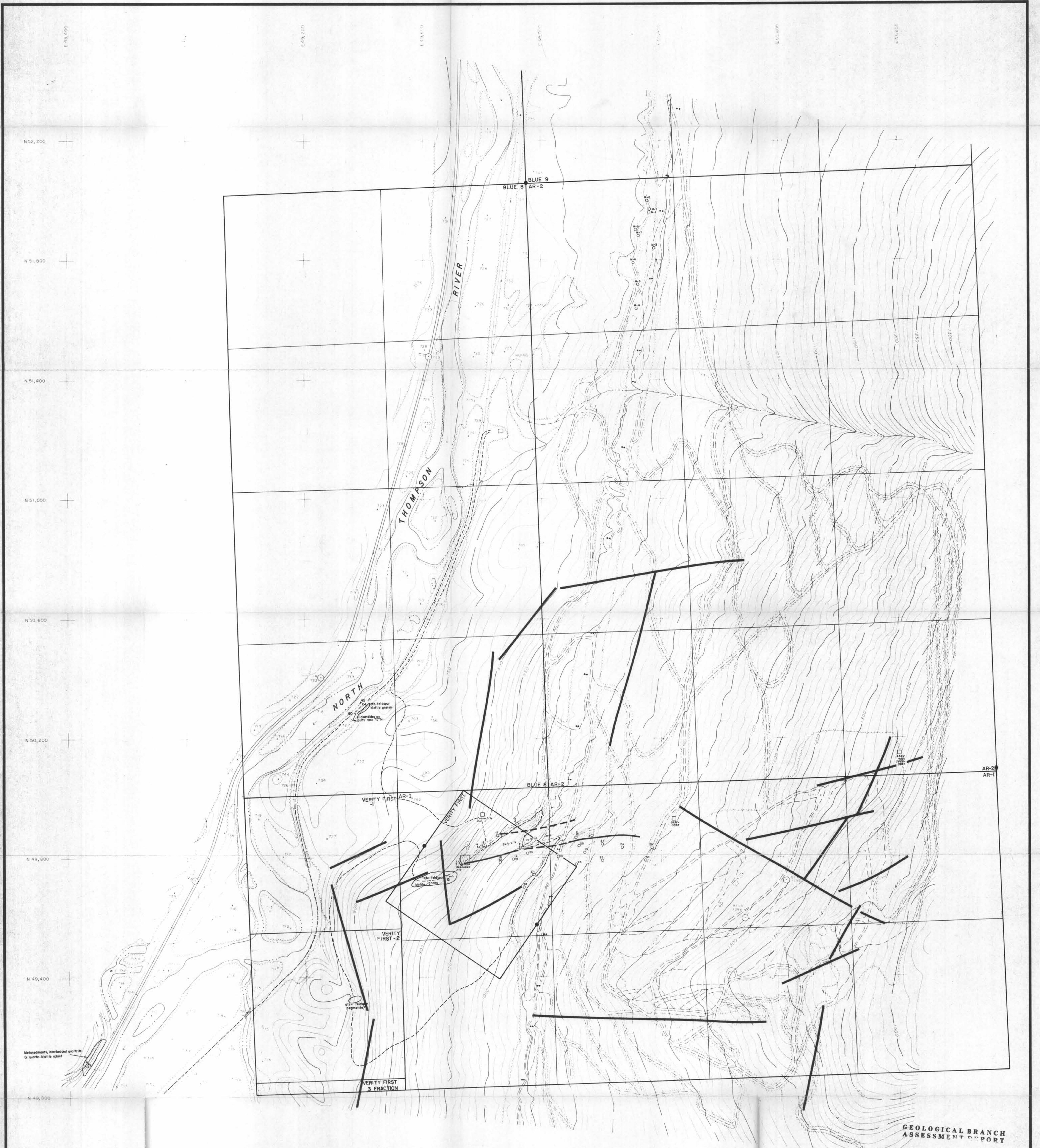
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AMENUTZ (CANADA) MINING, LTD.
CLAIM MAP
BLUE RIVER AREA
OUTLINE OF PROPERTIES
British Columbia, Canada
SCALE 1:200,000



*Claim bounded by dashed lines



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TOPOGRAPHIC MAP
OF THE

VERITY AREA

BLUE RIVER, BRITISH COLUMBIA

Prepared for

Anschutz Mining Corporation

Denver, Colorado

Scale: 1:4000 Date: October 1982 Sheet: 1 of 1

Contour Interval: 10 m

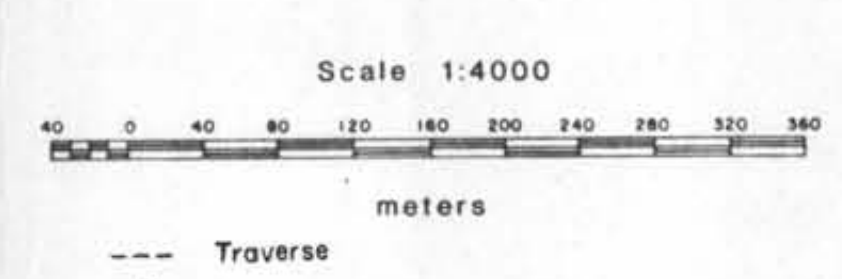
Prepared by
IntraSearch
Denver, Colorado

Date	Author	Revisions
12/21/81	WJ	Initial

Project #B1170

This map was compiled by photogrammetric methods from 1:20,000 scale aerial photography dated June 13, 1980.

Horizontal and vertical control was established by Anschutz Mining Corporation.



- Traverse
- ✓ Strike & dip of gneiss: bonding and layering
- ⊕ Strike & dip of joints
- Area of outcrop

LEGEND

- Hard surface road
- - - Unpaved road
- - - Trail
- Railroad
- Trees
- Building
- ⊕ Power transmission pole
- Vertical control point
- - - Approximate contour
- ⊕ Photo center
- Hole number
- ⊕ Diamond drill holes
- Sample locations
- Sample numbers
- Based on airphoto interpretation - 10/81
- Airphoto lineaments, possible faults
- 1:100 sketches of Specimen & Columbite pits