

COMINCO LTD.

EXPLORATION

WESTERN DISTRICT

NTS: 82M/13E

ASSESSMENT REPORT

GEOLOGICAL REPORT

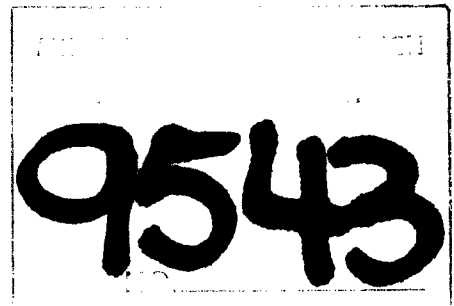
SI 1 CLAIM

KAMLOOPS MINING DIVISION

LATITUDE: 51°46'N

LONGITUDE: 119°43'E

WORK PERFORMED: August 7 to August 12, 1981



1 OCTOBER 1981

K.M. CARTER

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EXPLORATION
NTS: 82M/13E

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WESTERN DISTRICT
1 October 1981

ASSESSMENT REPORT

GEOLOGICAL REPORT

SI 1 CLAIM

KAMLOOPS MINING DIVISION

INTRODUCTION

The SI 1 claim is located 25 kilometres northeast of Clearwater, B.C., on the west side of Raft River, and southwest of Silence Lake. Access to the claim is by logging road number 9 which leaves the Yellowhead highway just east of Clearwater, follows the west side of the Raft River and runs along the east boundary of the property. Most of the claim is on a very steep side hill, accessible at present only by foot.

The SI 1 claim consists of 20 units, and is 100% owned by Cominco Ltd.

GEOLOGICAL SURVEY

During the period August 7 to August 12, 1981, 4 traverses were conducted across the SI claim by the author, assisted by D.M. Cole, a temporary assistant. Mapping and prospecting was carried out using Federal Government Air Photo A24745-136 at a scale of 1:62,500 or 1"=1 mile and topographic maps at a scale of 1:10,000 or 1" to approximately 800 feet.

TECHNICAL DATA

The purpose of this work was to examine the known mineralization and setting, and attempt to trace by mapping and prospecting the extent of the host rocks south and north of the showing area.

The dominant rocks are intrusive consisting of largely unfoliated granodiorite to monzonite types. These contain discrete lenses and discontinuous bands of metasediments including pelites, calc silicates, marble and quartzite. Thickness' of individual members are difficult to estimate because of the lenticular nature and discontinuous exposure. The metasediments appear to be infolded in the intrusive bodies with the result that thickness' are not consistent and individual beds attenuated.

2.

The mineralization encountered in the mapping appears to be associated with a calc silicate member adjacent to a massive white marble unit. This package can be traced 1,000 m to the north and approximately 500 m to the south of the main showing area. The mineralization, comprising narrow lenticular bands of sphalerite and galena, are discontinuously exposed within this zone.

INTERPRETATION

The metasediment package which includes the host calc silicate member appears to be terminated abruptly to the south, probably due to tight folds within the granodiorite body. The Pb, Zn mineralization, also attenuated abruptly south of the main showing, appears to persist discontinuously to the north approximately 700 m.

Report by: K.M. Carter
K.M. Carter, Geologist

Endorsed by: W.J. Wolfe
W.J. Wolfe, Assistant Manager

Approved for
Release by: W.J. Wolfe for
G. Harden, Manager
Exploration
Western District

KMC/skg
Distribution
Mining Recorder (2)
Western District (1)
KMC/FDG (2)

APPENDIX I

STATEMENT OF EXPENDITURES

SALARIES

K.M. Carter	August 7 - August 12 @ \$216.48 =	\$ 1,298.88	
D.M. Cole	August 7 - August 12 @ \$ 93.28 =	\$ 559.68	
			<u>\$1,858.56</u>

CAMP COSTS

	\$ 950.00	
		<u>\$ 950.00</u>

TRUCK RENTAL

	\$ 250.00	
		<u>\$ 250.00</u>

TOTAL EXPENDITURES:	<u><u>\$3,058.56</u></u>
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Signed: K.M. Carter
K.M. Carter, Geologist

1 OCTOBER 1981

APPENDIX II

IN THE MATTER OF THE B.C. MINERAL ACT AND
IN THE MATTER OF A GEOLOGICAL AND GEOCHEMICAL
PROGRAM CARRIED OUT ON THE
SI 1 CLAIM
LOCATED IN THE KAMLOOPS MINING DIVISION
OF THE PROVINCE OF BRITISH COLUMBIA
MORE PARTICULARLY NTS: 82M/13E

A F F I D A V I T

I, KENNETH M. CARTER, OF THE CITY OF NORTH VANCOUVER IN THE PROVINCE
OF BRITISH COLUMBIA, MAKE OATH AND SAY:-

1. THAT I am employed as a geologist by Cominco Ltd., and as such
have a personal knowledge of the facts to which I hereinafter depose;
2. THAT annexed hereto and marked as Appendix I to this my affidavit
is a true copy of expenditures for geological mapping on the SI 1
claim.
3. THAT the said expenditures were incurred between August 7 and
August 12, 1981 for the purpose of mineral exploration on the
above noted claim.

Signed: K.M. Carter
K.M. Carter, Geologist

1 OCTOBER 1981

APPENDIX III

STATEMENT OF QUALIFICATIONS

I, KENNETH M. CARTER, OF THE CITY OF NORTH VANCOUVER, IN THE PROVINCE OF BRITISH COLUMBIA, HEREBY CERTIFY:-

1. THAT I am a geologist residing at 3262 Beverley Crescent, North Vancouver, British Columbia, with a business address at 409 Granville Street, Vancouver, British Columbia.

2. THAT I graduated with a B.Sc. (Hons) in geology from the University of British Columbia in 1970.

3. THAT I have practised geology with Cominco Ltd. for the past eleven years.

Signed: *K.M. Carter*
K.M. Carter, Geologist

1 OCTOBER 1981

120°00'

45'

30'

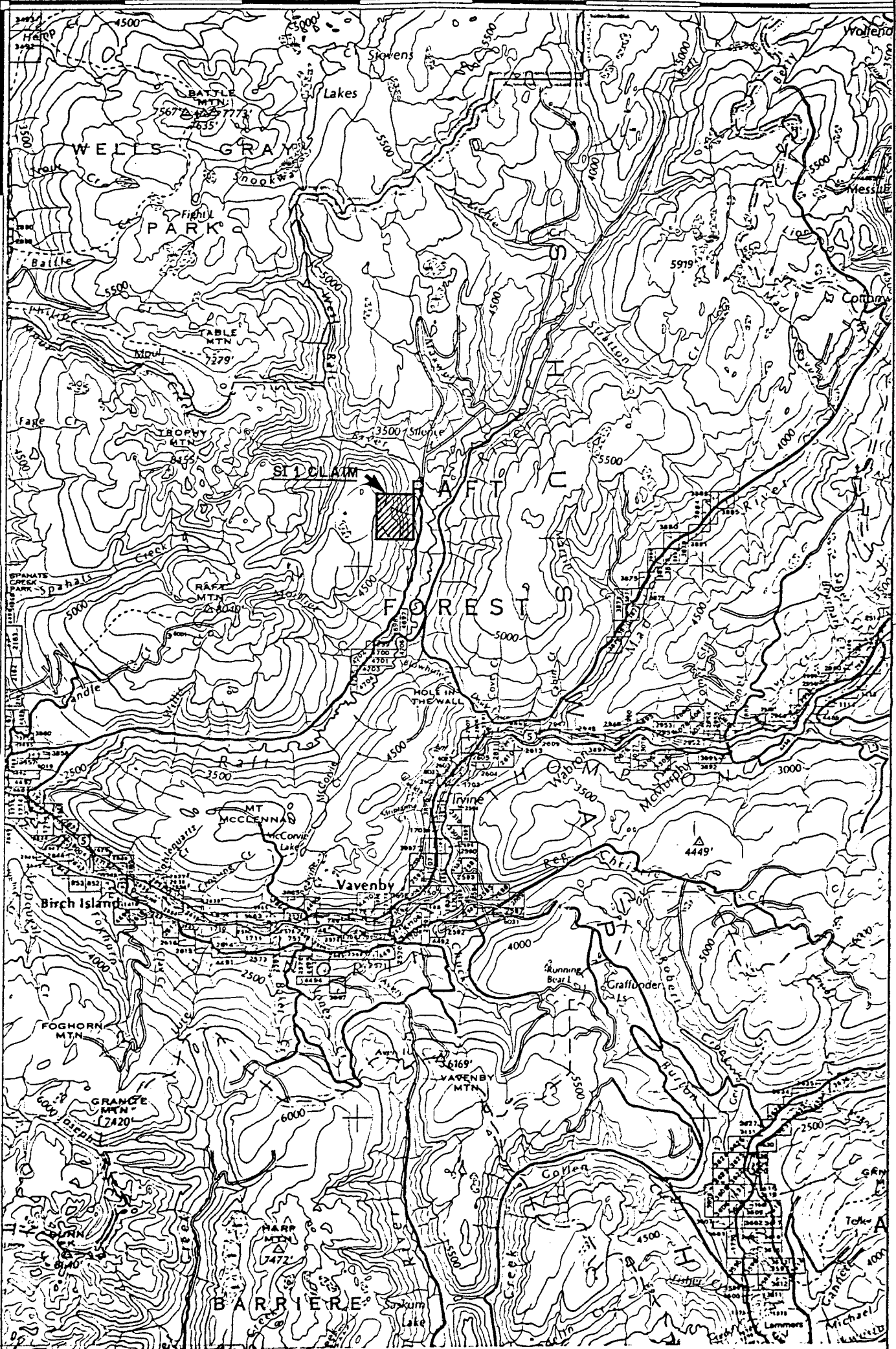
To Blue River-8

52°00'

45'

30'

To Kaniloops
To Clearwater-2 miles



(From Map 82M - Seymour Arm)



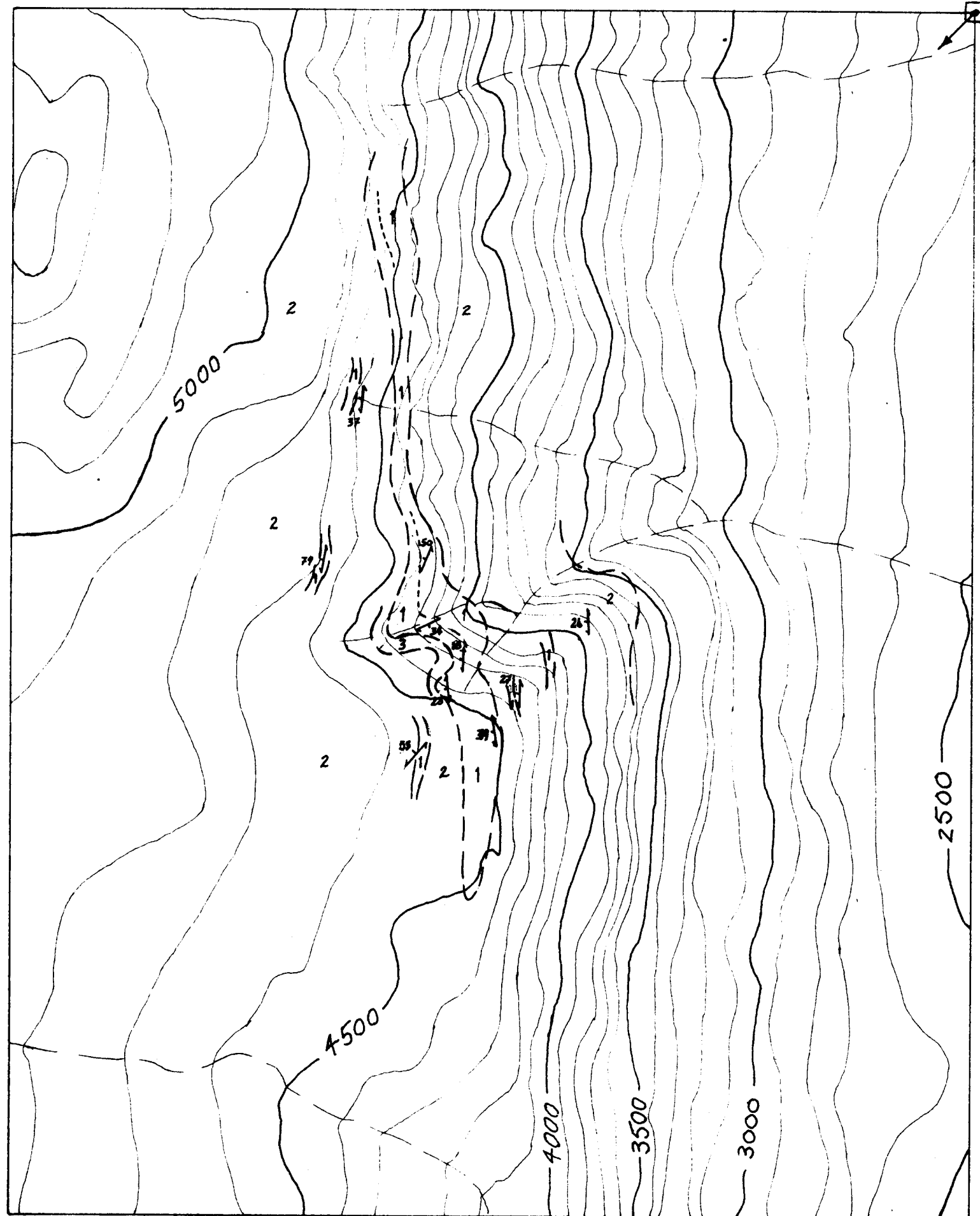
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Revised by:	Revised by:
9543	
Date:	

SI 1 CLAIM LOCATION MAP

Scale: 1:250,000

Date: Oct. 1981

Plate:



0 ——— 200 M.

LEGEND

- 3 QUARTZ MONZONITE
- 2 GRANODIORITE
- 1 METASEDIMENTS
- TRACE OF Pb, Zn MINERALIZATION

9543
KMC

SI 1 CLAIM



Drawn by:	TCR	Traced by:	TCR
Revised by	Date	Revised by	Date
KMC	1 Oct 81		

GEOLOGY & MINERALIZATION

Scale: 1:10,000 Date: JULY 4 1979 Plate: