

86-669-15223

PHYSICAL WORK AND PROSPECTING REPORT

JACKIE POLYMETALLIC PROPERTY

JACKIE, BONBONAZ CLAIMS

FILMED

Alberni and Nanaimo Mining Division

N.T.S. 92L/1E, 92E/16E

Latitude $50^{\circ} 00.4'$ Longitude $126^{\circ} 10'$

for

Owner/Operator: CANAMIN RESOURCES Ltd.

JULY 1986

GEOLOGICAL BRANCH
ASSESSMENT REPORT

Efrem and Marino Pecogna

August 1986

15,223

TABLE OF CONTENTS

	Page
Introduction	1
Location and Access	1
Location Map	2
Claim Map	3
History	4
Work	4
Regional Geology	4
Regional Geology	5
Local Geology	5
Geology of the Jackie Prospect	6
Mineralization	6
Summary	7

APPENDICES

Statement of Costs	A
Statement of Qualifications	B

POCKET

Map of rock-cut, trail
and showing locations

INTRODUCTION

The Jackie mineral claim group was located by E. Specogna in 1984. The claims are located in the Nanaimo Mining Division and partly in the Alberni Mining Division. This report, prepared for assessment work purposes, details the work carried out on the property for the assessment year 1985-86.

LOCATION AND ACCESS

The Jackie mineral claim is located near the White-Gold Pass at the head of the Gold River Valley-northwest branch. The claim can be reached by travelling the Gold River-Woss Lake Road then branching off at either of two logging roads, the Gold River West main or the Gold River East main. The two roads eventually meet approximately 3Km south of the Jackie claim. The claim location is approximately 40Km north of the town of Gold River.

The Bonbonaz claims which comprise part of the Jackie Group are located at the head of the White River. This portion of the Jackie group can be reached from the town of Sayward-Highway 19 intersection by following the White River Main Logging road.

The centre of the claim is situated at 50 01' and 126 10', map 92L/1E.

Fir, Hemlock and Cedar are prevalent on the claim. Part of the claim area has been logged.

During the winter months the claim is under heavy snow.

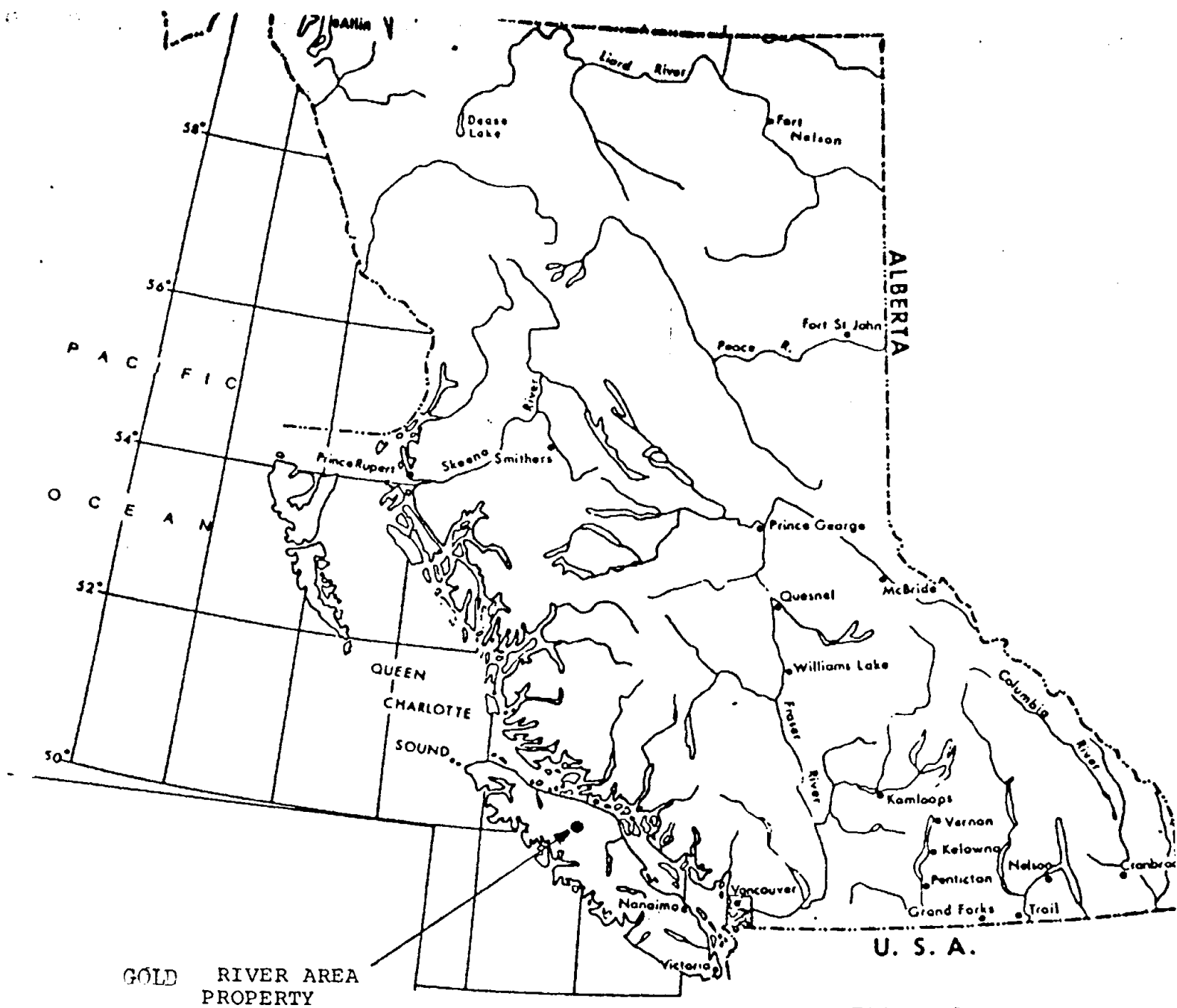
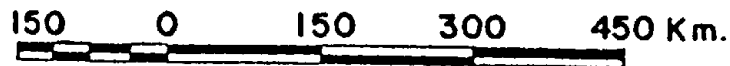


FIGURE 1

Location Map for the GOLD River Area Property

INDEX MAP

BRITISH COLUMBIA



SCALE 1: 7,500,000

N
4

STL 5054

JTTON
PK.

MT.
ALSTON
NANAIMO
ALBERNI

M.O.
M.D.

JACKIE 2
53012

White Gold
Pass

BEN 6

BEN 5

JACKIE
53011

ALBERNI MINING DISTRICT

BANBOM 26
1883 (A)
5522W
(83026)

BANBOM 25
1882 (A)
5522E
(83025)

JACKIE
2391 (B)
5524W
(83011)

Twac
Lal

M92E/16E

TL 5795

TL 7235

Claim Map of the JACKIE
Property
SCALE 1:50000

0 500 1000 1500 metres

96
0

HISTORY

As far as the writer knows, no serious mining exploration has taken place in the Gold River Valley. The Minister of Mines Report for the year 1924, p.a248 and 1925, p.a271, reports some prospecting activity in the area, and of a legend handed down of ancient gold mines worked in the Gold River Valley.

The Jackie Assessment Report filed with the Ministry of Energy, Mines and Petroleum for Assessment work purposes for 1984-85 details work carried out in this area by Federal and Provincial Geologists.

WORK

The Ag, Pb, Zn, Cu showing was opened up by a 4m by 4m by 2.5m rock-cut.

A 800m trail was cut through dense huckleberry brush from a logging road to the rock-cut.

Several days were spent prospecting for new showings on all the claims.

The Pocket map details the rock-cut area, the trail location and the showings discovered by prospecting.

REGIONAL GEOLOGY

A three to four kilometer wide intrusion extends up the Gold River Valley at least as far as Mt. Schoen.

At the sides sediment and volcanic rocks are in contact with the intrusion, in a zigzag manner.

Dikes of quartz-feldspar-porphyry, and at least at one locality, a granitic dike with pervasive quartz phenocrysts, two centimeters thick, intrudes its border rocks.

On mountain tops the best exposed rocks are the Karmutsen volcanic. Karmutsen sills extend all the way down the valleys, intruding the older sediments. At one locality 200 meters of volcanics split a limestone bed in half.

At the Jackie lower showing underlying the limestone, fifty to eighty meters of thin banded tuff and sediments, are exposed in the showing creek. Followed by a rock as soft as Gypsum (talcoose metavolcanic), having a dull grey color yet almost transparent when viewed by magnification. Sericite is the only easily recognized mineral. When subsequently metamorphized by the near intrusion the rocks assume an orange-red color and pink Garnet develops within it. Graphite and minerals of the Pyroxene group are widely distributed in the region.

This rock has lately been noted at several localities in the same geological position. Muller et al have mapped it as a metavolcanic

LOCAL GEOLOGY

A small portion of the Jackie Group is- to the east underlain by the Island Intrusion which is in contact with Sicker meta-sediments, -to the west underlain by the Island Intrusion in contact with Karmutsen. The geology is in that order from the valley bottoms to the mountain tops.

Garnet minerals of the pyroxene group are wide spread and centered near the inner most part of contact metamorphosed aureoles.

Pyroxenite and olivine were also noted in gobs associated with very fine magnetite and/or pyrrhotite.

GEOLOGY OF THE JACKIE PROSPECT

The lower showing is located at an elevation of 750m. The mineralization occurs 400m west of the main intrusion in an east running creek at the contact of limestone and underlying sediments. Prospecting last year has revealed a narrow sill in the limestone and sediment.

One kilometer to the south a flower porphyry of unknown dimension is exposed in a roadcut. In this locality all rocks including the limestone are metamorphized

The showing at the 900m elevation occurs on the north side of the same creek, at a volcanic and chert contact, the host rock being the chert. The volcanics in contact with chert above the mineralization do not cross the creek, rather they seem to be cut off by a fault.

To the south of the creek, black argillites are bleeding limonite, which is accumulating at the base of the cliff. A volcanic sill underlies the argillites and the cherts. The intrusives are located 1 Km. to the north.

MINERALIZATION

Massive and Disseminated sulphides occur at several localities with some silver rich and others gold rich.

Gem quality garnets of light orange-red colour and transparency occur at several localities. Most of the gem quality garnets are minute but with meticulous search and much rock breaking fairly large crystals can be found.

SUMMARY

On the Jackie Group of claims several types of mineralization are present indicating a protracted orogeny that began before the Island Intrusion.

Also of note is the discovery this year of gem quality garnets.

Appendix A

Statement of Costs

Prospecting with:	Newmont	
	British Petroleum	4 days
	Silver Talon	\$250/day
		\$1,000.00
Prospecting 2 men 10 days @	\$350/day.....	\$3,500.00
Transportation	10 days 100Km/day.....	\$450.00
	6 days 600Km/day.....	\$1,350.00
Report writing and drafting.....		\$500.00
Trail cutting including power saw rental.....		\$500.00
4m by 4m by 2.5m opencut labor.....		\$1,600.00
Drill rental \$90.00/day.....		\$270.00
Explosives.....		\$266.00
	Total	<hr/> \$9436.00

Appendix B


Statement of Qualifications

I Efrem Specogna, do hereby certify that:

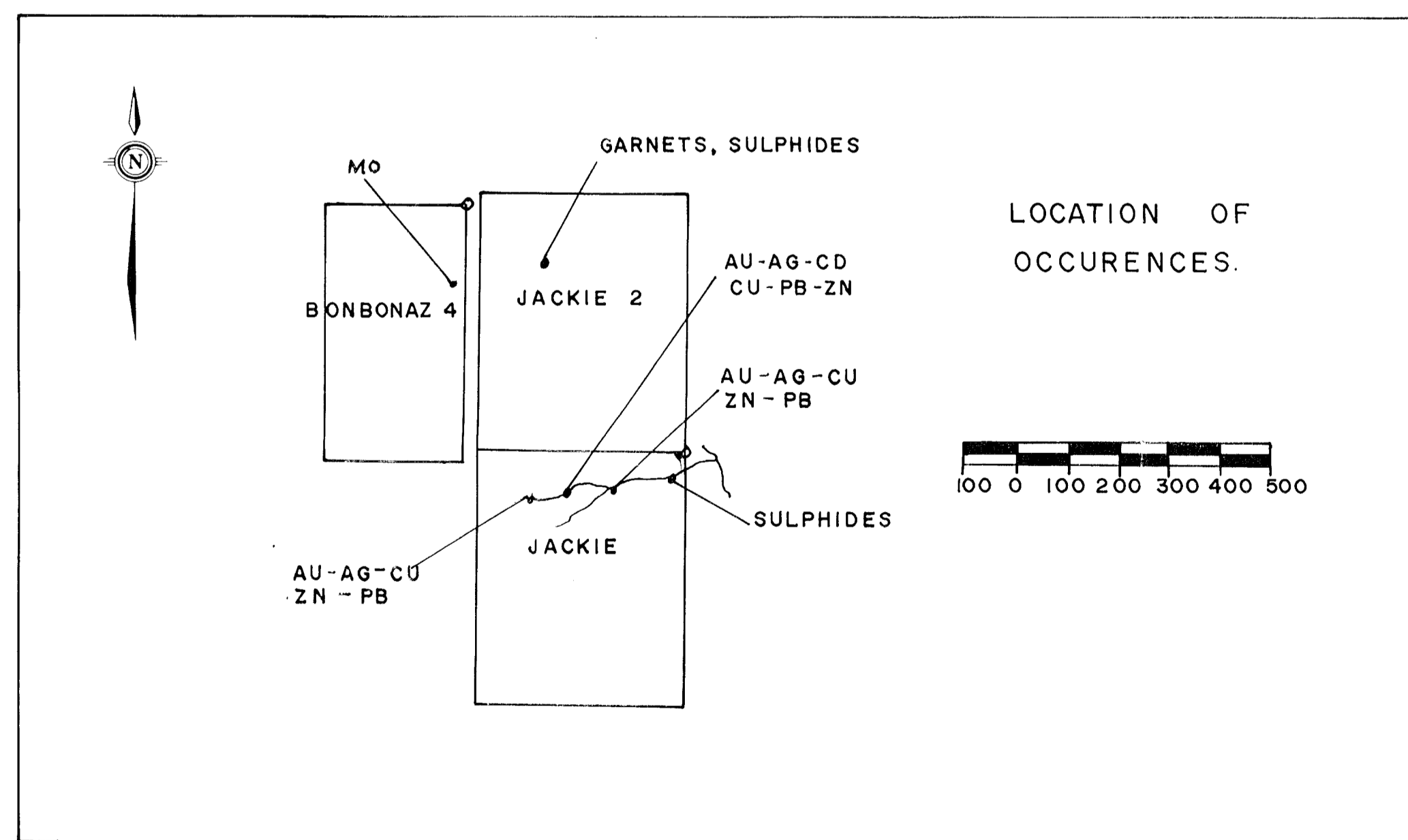
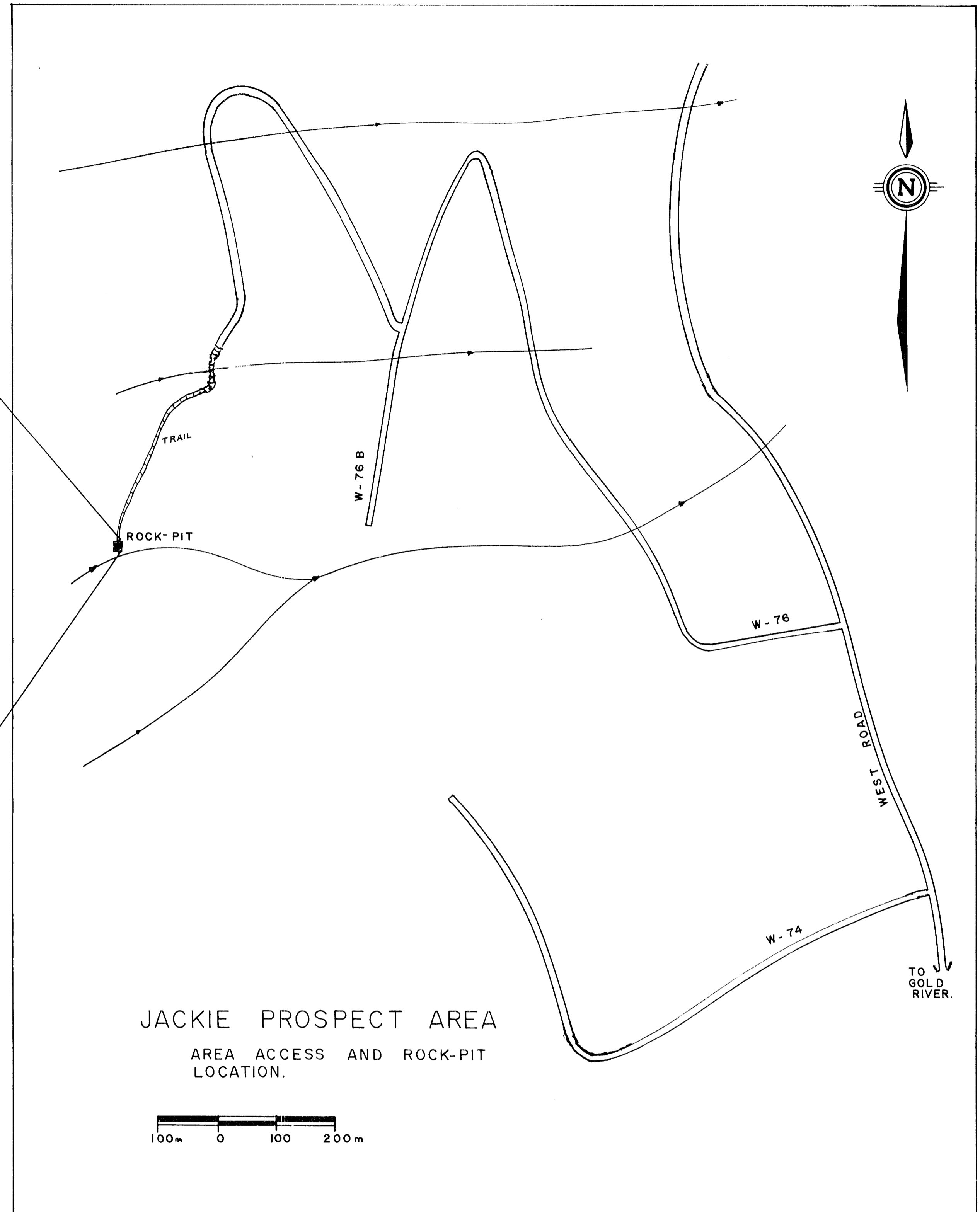
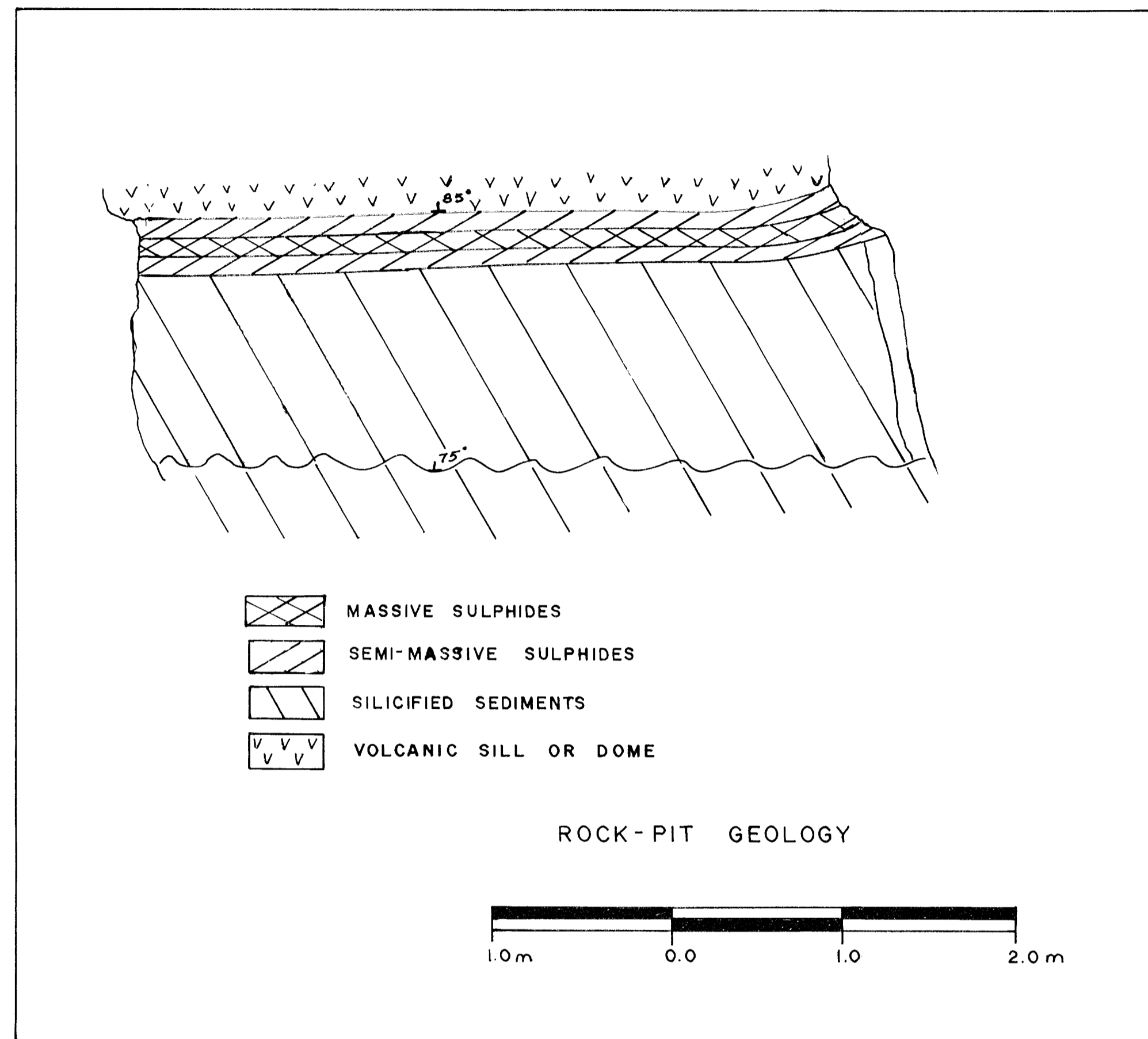
1. I have been a prospector for the past 20 years.

I Marino Specogna, do hereby certify that:

1. I have successfully graduated from the British Columbia Institute of Technology and have received a Diploma in Mining Technology.



Marino Specogna,
Mining Technologist.



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,223
CAN MIN RESOURCES LTD.

JACKIE PROPERTY

SEPT. 86

FIG. 86J1

DRAWN BY: MS