

9246

681287

REPORT ON
THE
CAT CLAIM

Aspen Grove Area, Nicola Mining Division

for

GIANT VENTURES DEVELOPMENT CO. LTD.

by

J.W. MacLeod, P. Eng.

May 8, 1975

TABLE OF CONTENTS

	<u>Page Number</u>
Introduction.....	1
Summary.....	2
Property.....	3
History.....	3
Location & Access.....	4
General.....	5
Geology.....	6
Mineral Occurrence.....	7
Conclusions.....	8
Recommendations.....	8
Cost Estimate.....	9

ILLUSTRATIONS

Location of CAT Claim ----- 1" = 2 miles
Plan of CAT Claim----- 1 : 50,000

APPENDIX

Engineers Certificate

THE CAT CLAIM
Aspen Grove Area

INTRODUCTION

The following report on the CAT Claim is based on the writer's general knowledge of the area gained during the past 15 years when most mineral prospect in the Princeton-Merritt belt were examined. A cursory examination of the gold occurrence on the adjoining New Pyramid property was made on April 27, 1975.

SUMMARY

Giant Ventures Development Co. Ltd, 1175 West 15 Street, North Vancouver has optioned the CAT Claim in the Aspen Grove Area where New Pyramid Mines has indications of a significant gold discovery on the adjoining AU Group.

The probability of a similar geological setting on the CAT Claim to that on the adjoining New Pyramid property justifies a detailed investigation of the Giant Ventures Development ground.

The initial phase of this exploration can be accomplished by the expenditure of \$12,000.00 for geochemical, geological and geophysical surveys.

PROPERTY

The CAT Claim of eight units or 200 hectares (494 acres or about the equivalent of 10 claims if staked under the old mining act) was located on April 30 and recorded on May 5, 1975 by M. Swetz. The tag number is 08120.

HISTORY

The Aspen Grove area has been known as a copper camp since the early 1900's and has received sporadic attention ever since. Placer gold has been reported from Siwash Creek, 12 miles to the south east but the discovery of gold in place on the adjoining AU Group is relatively new and deserves detailed investigation in view of today's price of gold.

LOCATION & ACCESS

The property is located in the Nicola Mining Division, 17 miles southeast of Merritt and 6 miles east northeast of Aspen Grove.

Access is by means of 12 miles of good gravel road from the Kentucky Lake turnoff on the paved highway between Princeton and Merritt. A logging road crosses the property in a north south direction

GENERAL

The property is located in the gently rolling upland of the Interior Plateau. Open grazing land is common in this area and the giant Douglas Lake Ranch adjoins to the North. The CAT Claims itself is wooded and has been logged.

Elevations range between 3500 and 3700 feet. This is "dry belt" country and light snow can be expected on the ground between November 1 and May 15.

GEOLOGY

Regional geology is available is G.S.C. publication Memoir 243. Detailed mapping has been carried out in the Aspen Grove area by the B.C. Department of Mines and this is available in Preliminary Map No. 15 published in 1974. The eastern limit of this coverage is just west of the CAT Claims.

In general the area is underlain by Nicola Volcanics of Upper Triassic age intruded by Jurassic diorites. Although not mapped by the B.C. Department the CAT Claim is within the Eastern Belt of volcanics and is probably underlain by units of 6a "massive to crudely layered, mainly green lahar deposits" and unit 6b "grey to green, well bedded volcanic sandstone and siltstone."

MINERAL OCCURRENCES

It is quite probable that the CAT Claims has received attention by the copper prospectors but no mineral occurrences are known to the writer.

3000 feet to the west on the New Pyramid property gold is found associated with an east-west trending diorite dike. The dike is intrusive into argillite striking NNW and dipping steeply to the west. Although difficult to identify in the hand specimen, gold assays in the ounces have been reported.

CONCLUSIONS

A significant discovery of gold has been made on ground adjoining the CAT Claims and since similar host rock can be expected to underlie the CAT Claims a detailed investigation is justified.

RECOMMENDATIONS

In view of the generally overburdened nature of this area geochemistry is the most appropriate technique for gold prospecting. Large samples on a close spaced grid will be required considering the dimensions of potential targets.

Therefore a soil sampling program on a 50 meter (150 feet) grid backed by geological mapping and a magnetometer survey should indicate the presence of any mineralized zones which would require further investigation by trenching or drilling.

COST ESTIMATE

Geochemical survey on flagged 50 meter grid would require collection of 100 samples per unit or a total of 800 samples for the claims at a total cost of \$10 per sample - \$8,000.00

Magnetometer survey	1,000.00
Geological map	1,000.00
Evaluation and report	<u>2,000.00</u>
Total budget of Phase I	\$12,000.00

Respectfully Submitted,



J.W. MacLeod, P. Eng.

Vancouver, B.C.

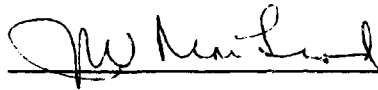
May 8, 1975

APPENDIX

CERTIFICATE

I, James W. MacLeod, of 1220 Arbutus Street, in the City of Vancouver, in the Province of British Columbia,
DO HEREBY CERTIFY:

1. That I am a Consulting Engineer, with a business address at 335 - 885 Dunsmuir Street, in the City of Vancouver, in the Province of British Columbia.
2. That I am a graduate of the University of Alberta with the degree of B. Sc. in Mining Engineering.
3. That I have actively practiced my profession in mineral exploration since graduation in 1946.
4. That I am a registered Professional Engineer in the Province of British Columbia.
5. That this report on the CAT Claim is based on the writers knowledge of the general area and an examination of the gold occurrence on the adjoining New Pyramid property.
6. That I have no interest in the property with which this report is concerned, nor do I expect to receive any such interest in the securities of Giant Ventures Development Co. Ltd.



J. W. MacLeod, B.Sc., P. Eng.

Dated at the City of Vancouver, Province of British Columbia,
this 8th day of May, 1975.