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SUMMARY REPORT ON THE CARMI PROPERTY OF VESTOR EXPLORATIONS LTD.

for

CORDILLERAN ENGINEERING LTD.

by

A. F. ROBERTS, P. ENG.

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CONSULTING MINING ENGINEER

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INTRODUCTION

A visit was made to the property on August 13, 1974 in company with Mr. A. Rich, President of Vestor Explorations Ltd.

Mr. Rich supplied the writer with all data in the Company's possession, supplied the map and data contained herein, and showed him all work that had been done on the property. Certain of the data contained herein, is, at this time confidential.

The purpose of the examination was to determine whether or not the property is worthy of further expense of exploration, towards finding a major economic deposit of molybdenum sulfide.

This report is restricted to the molybdenum section of the property.

PROPERTY

About 200 claims are involved in the molybdenum section.

Due to restaking and changes of claim names,

fill-in staking, the exact location and number of claims is not fully shown on the claim maps.

The key claims are shown on the drill hole map under one name, and are not shown on the claim map. These are the four claims under option from Kennco.

GEOLOGY

The underlying rocks are of the Nelson and/or the Valhalla intrusives. Where observed they were gneissic in texture, and in hand specimens would be identified as quartz diorite. Thin sections are said to have identified them as granodiorite.

In mineralized trenches they have definitely been brecciated, although this is not too easily seen in drill core.

Overlying rock, unmineralized, is more massive, and not always gneissic. This may be a cap rock over the brecciated zone, and also may account for barren areas in the geochemistry.

The mineralized section is a brecciated, gneissic granodiorite in the form of a sill, 250 - 350 feet thick with a drill hole indicated dip of 10° easterly.

Underlying this "sill" is a tight brecciated section of unknown thickness, that is completely barren. It is recognized by increased amounts of epidote and pink K-spar.

Mineralization consists of very fine specks of MoS_2 to $\frac{1}{4}$" rosettes. This mineralization is definitely

disseminated and is not confined to fractures. Very rarely chalcopyrite was noted. There were also occasional crystals of pink-purple fluorite.

Alteration was chiefly sericite.

Assays on some of the core indicate minor values in gold, and somewhat better values in silver.

Drill hole logs indicate that the better holes have more gouge-containing slips than the weaker sections.

Faults, and other structural constraints, have not been defined or evaluated. Geochemistry indicates a strong anomaly 4,000 feet N-S, open both ends, by 2,000 feet E-W and closed.

A second anomaly, 4,400 feet west of the drilling area, is about 2,800 feet N-S, open to the north, tailing out to the south, 400 feet E-W and closed. Surface mineralization is exposed in this anomaly.

The writer suggests that these two anomalies might be merged by drilling, as it is possible that "cap rock" is concealing the mineralization.

DRILL HOLE DATA

Published data is as follows:

Kennco, X-ray holes on geochem and trenching highs

K-1	23'	0.19
K-2	30'	0.29

Guesstimated tonnage, derived from Vestor drilling only, to date, 15,000,000 tons of 0.165%, with an average thickness of 330 feet.

This is within approximately 10% of the highly favourable area.

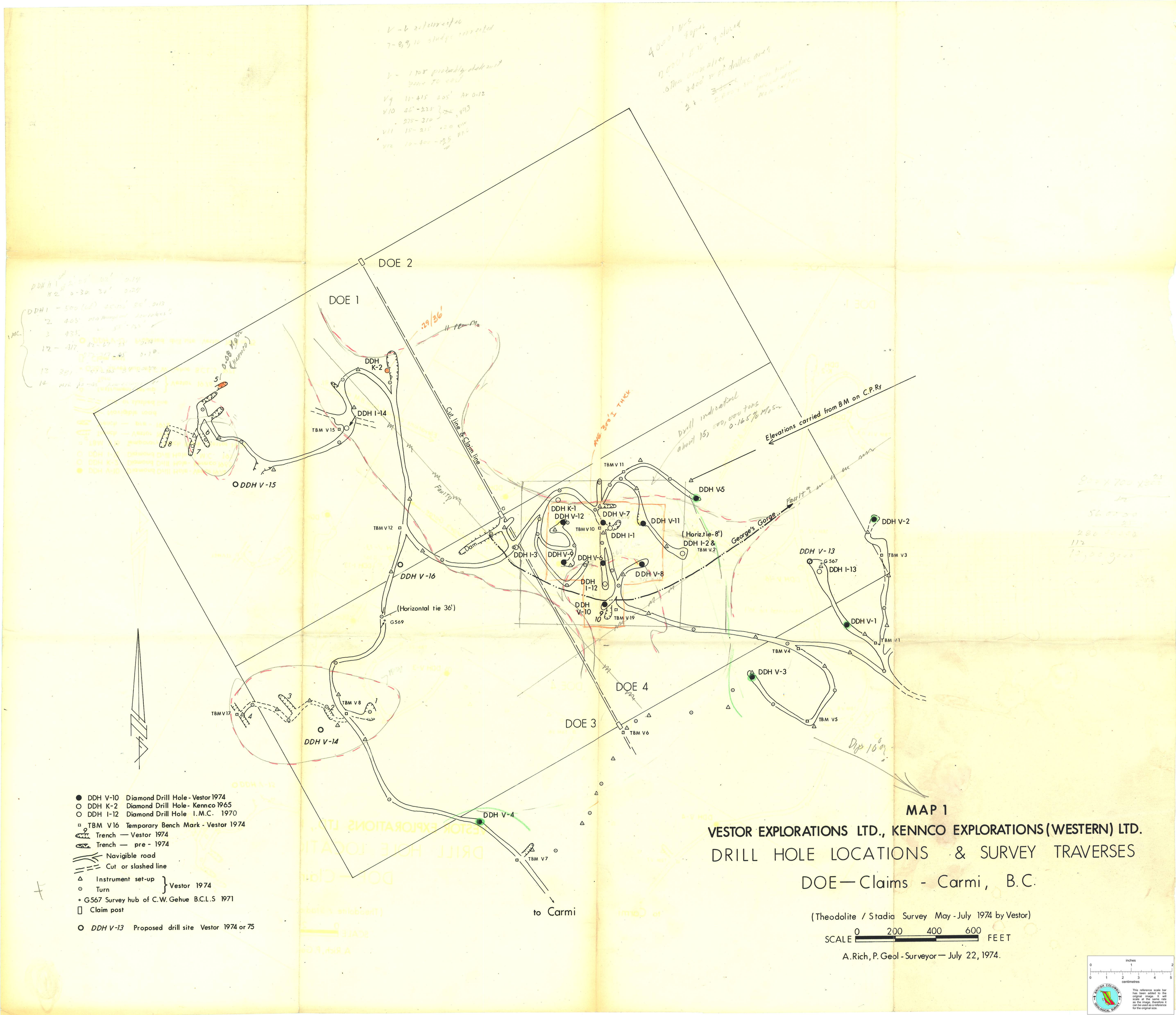
CONCLUSION

The work of Vestor Explorations to date, has defined an economic grade of mineralization, with an important tonnage, on about 10% of a large geochemical anomaly.

The chances of expanding this tonnage and grade to make an orebody of economic importance are considered excellent.

A. F. Roberts, P. Eng.

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
A. F. ROBERTS



● DDH V-10 Diamond Drill Hole - Vestor 1974
○ DDH K-2 Diamond Drill Hole - Kennco 1965
○ DDH I-12 Diamond Drill Hole I.M.C. 1970
▫ TBM V16 Temporary Bench Mark - Vestor 1974
Trench — Vestor 1974
Trench — pre - 1974
Navigible road
Cut or slashed line
△ Instrument set-up } Vestor 1974
⊙ Turn
∘ G567 Survey hub of C.W. Gehue B.C.L.S 1971
▯ Claim post
○ *DDH V-13* Proposed drill site Vestor 1974 or 75

MAP 1

VESTOR EXPLORATIONS LTD., KENNCO EXPLORATIONS (WESTERN) LTD.

DRILL HOLE LOCATIONS & SURVEY TRAVERSES

DOE — Claims - Carmi, B.C.

(Theodolite / Stadia Survey May - July 1974 by Vestor)

SCALE 0 200 400 600 FEET

A. Rich, P. Geol - Surveyor — July 22, 1974.

inches
0 1 2
0 1 2 3 4 5
centimetres
BRITISH COLUMBIA GEOLOGICAL SURVEY
This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.