

REPORT
GEOLOGICAL INVESTIGATION & RECONNAISSANCE
OF
THE VANG GROUP OF MINERAL CLAIMS
FOR
ALATOR CORPORATION LTD., TORONTO, ONTARIO.

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1. Covering Letter - L. G. White, P. Eng.
2. Geological Report - H. M. Powell, M. E.
3. Expense Summary.
4. Appendix.
 - (a) Geological Map of Claims.

VANCOUVER, B.C.,
December 1, 1954.

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Mining Recorder,
Department of Northern Affairs & Natural Resources,
Whitehorse, Y.T.

Dear Sir:

The report and map covering our survey and geological reconnaissance of the Vang Group of mineral claims situated on Blind Creek, Pelly River area, are submitted herewith.

The crew of five men consisting of a qualified Mining Engineer, two experienced prospectors and two senior students, was placed in the area early in May and completed the claim survey by the 29th of May, 1954. Linecutting and survey work was impeded due to the heavy growth of small spruce and jack-pine, plus extensive areas of windfalls as a result of an old "burn".

Surface prospecting was conducted over the entire group but proved very ineffective because of the lack of rock outcrops. The few exposures that existed on the claim boundaries were examined and were plotted on the accompanying map. Ninety-nine percent. of the claimed area was covered by glacial drift and alluvium. Panning of the creeks showed no mineralization or metals of interest.

Our affidavits in application for Certificates of Work to be granted under Section 54 (2B) of the Yukon Quartz Mining Act, together with Grouping Notice, were filed in your office on October 2nd, 1954. The expense statement substantiating the amounts shown on the affidavits has been included as a section of this report.

Yours very truly,



L. G. White, P.Eng.,
Agent for:
ALATOR CORPORATION LTD.

LGW/hc.
enc.

CONFIDENTIAL

A GEOLOGICAL REPORT

ON

THE VANG GROUP OF MINERAL CLAIMS

PELLY RIVER AREA, Y.T.

VANCOUVER, B.C.,
December 1, 1954.

By: H. M. Powell,
Mining Engineer.

THE VANG GROUP OF MINERAL CLAIMS

PELLY RIVER DISTRICT

YUKON TERRITORY.

CONFIDENTIAL

PREFACE:

This report is to be classified as a geological investigation, as per Section 54-2-B of the Yukon Quartz Mining Act.

To make the investigation, it was expedient to fly from Whitehorse on May 9th, 1954, landing on a gravel bar in the Pelly River near the confluence of Blind Creek.

A temporary base camp was established on the Pelly River and a fly camp located on the claims some six miles by Indian trail up Blind Creek.

A compass and tape survey was made of the sixteen mineral claims involved, also a general reconnaissance to locate the position of the group in relation to other adjoining claims.

The work involved the labour of four men, which included cruising, backpacking camp and supplies, cutting line and surveying. Considerable difficulty was experienced with Blind Creek in crossing, since at the time (break-up) the current was very strong and ice treacherous (May 9th to 29th).

LOCATION:

The claims are situated at 62° 12' N. Latitude and 133° 07' W. Longitude, seven miles by map due south of Mount Mye, Elevation 6736 feet, TAY RIVER Sheet 105K N.T.S.

They lie astride Blind Creek valley, a northeasterly tributary of the Pelly River, approximately 130 flying miles northeast of Whitehorse, or thirty miles downstream from Ross River.

PROPERTY:

The Vang Group consists of sixteen mineral claims under recorded ownership of Alator Corporation Ltd., 66 King Street, West, Toronto, Ontario. Names and corresponding tag numbers are as follows:

<u>Name</u>	<u>Tag No.</u>
Vang No. 1	67238
" " 2	67239
" " 3	67240
" " 4	67241
" " 5	67242
" " 6	67243
" " 7	67244
" " 8	67245
" " 9	67246
" " 10	67247
" " 11	67248
" " 12	67249
" " 13	67250
" " 14	67251
" " 15	67252
" " 16	67253

The claims were staked by Ian and Gordon McLaren on October 5th and 6th, 1953, and subsequently transferred by Bills of Sale to Alator Corporation Ltd.

They cover approximately one square mile in area, are bounded on the west by the Pelly Group (Potluck Exploration), on the north by the Blind Group (Conwest) and on the east by the Scram Group (Conwest) also the Bur Group (Dr. Riley et al).

TOPOGRAPHY:

The claims lie between 2500 feet and 3500 feet in elevation and on the north side of Blind Creek, the creek banks rise steeply from 200 feet to 300 feet above the water, exposing clay and gravel deposits.

Topography (Cont'd.)

From the top of the clay banks to the northern boundary of the claims, the terrain rises gently and is covered entirely by thick, small windfall with seedling spruce and occasional jackpine. Through this area flows a small creek from the west, a tributary of Blind Creek.

To the south of Blind Creek, from 200 feet to 700 feet in width, the ground is covered with close, small windfall. This gives way to rapidly rising ground covered by small to medium spruce to the southern boundary of the claims.

GEOLOGY:

In cruising these claims no bedrock was encountered. The entire area was covered by recent alluvium and glacial drift.

Adjoining the claims to the southeast, quartzite (probably Paleozoic, Map 394-A Geological Survey) was noted, having an apparent northerly dip.

To the west of the Vang Group some chlorite schist was noted on the Pelly claims. Also to the southwest in Blind Creek some altered limestone and quartzite were exposed along the creek bank.

MINERALIZATION:

Scattered flecks of pyrite mineralization were noted in the exposure of quartzite on the S.E. boundary of the claims. No economic significance was placed on the discovery.

SUMMARY & CONCLUSIONS:

Since no mineralization was noted either in place or as float and with the lack of structure available, there was no apparent reason to assume that the underlying rock would have any genetic relation to the mineral deposit now being drilled by Prospectors Airways Co. Ltd. to the west or to the mineralization that was located to the east near Swim Lakes.

RECOMMENDATIONS:

No further prospecting of the claim group is justified. Simple geophysical or geochemical methods would also prove impractical, due to the excessive depths of alluvium covering the claim area.

Unless favourable results are obtained by owners of adjoining groups, it is recommended that the Vang Group be allowed to lapse next year.

Respectfully submitted,



H. M. Powell,
MINING ENGINEER.

/hc.
Dec.1/54.

Dec.1/54.

EXPENSE SUMMARY

TO:

Transporting and maintaining a party of five men, which conducted a geological reconnaissance and mapping program on the Vang Group of mineral claims (16) in the Pelly River Area, Y. T.

Crew: 5 men.

Time: 21 days.

No. of Claims: 16.

LABOUR COSTS - Per Payroll Summaries:

1 Engineer in Charge @ \$18.00/day	\$ 378.00
2 Student Assistants @ \$10.00/day	420.00
2 Prospectors @ \$12.00/day	<u>504.00</u>

Total Payroll Costs \$ 1,302.00

Workmen's Compensation (Insurance) @ 5% 65.10

BOARD COSTS - Northern Commercial Invoices:

Food Supplies, averaged \$3.00/day/man

Total Supplies Costs (\$15.00 x 21) 315.00

TRANSPORTATION - Whitehorse Flying Services:

3 Cessna Charters - 6 hours @ \$60.00/hour 360.00

PREPARATION & PRINTING REPORT - Engineering Services: 50.00

TOTAL EXPENSES: \$ 2,092.10

EXPENSE/CLAIM: \$ 130.76

CORRECT:


L. G. White.

BLIND GROUP

VANG 1

VANG 2

VANG 9

VANG 10

VANG 3

VANG 4

BUR GROUP

VANG 11

VANG 12

PELLY

VANG 5

VANG 6

SCRAM GROUP

VANG 13

VANG 14

GROUP

VANG 7

VANG 8

VANG 15



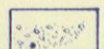

VANG 16

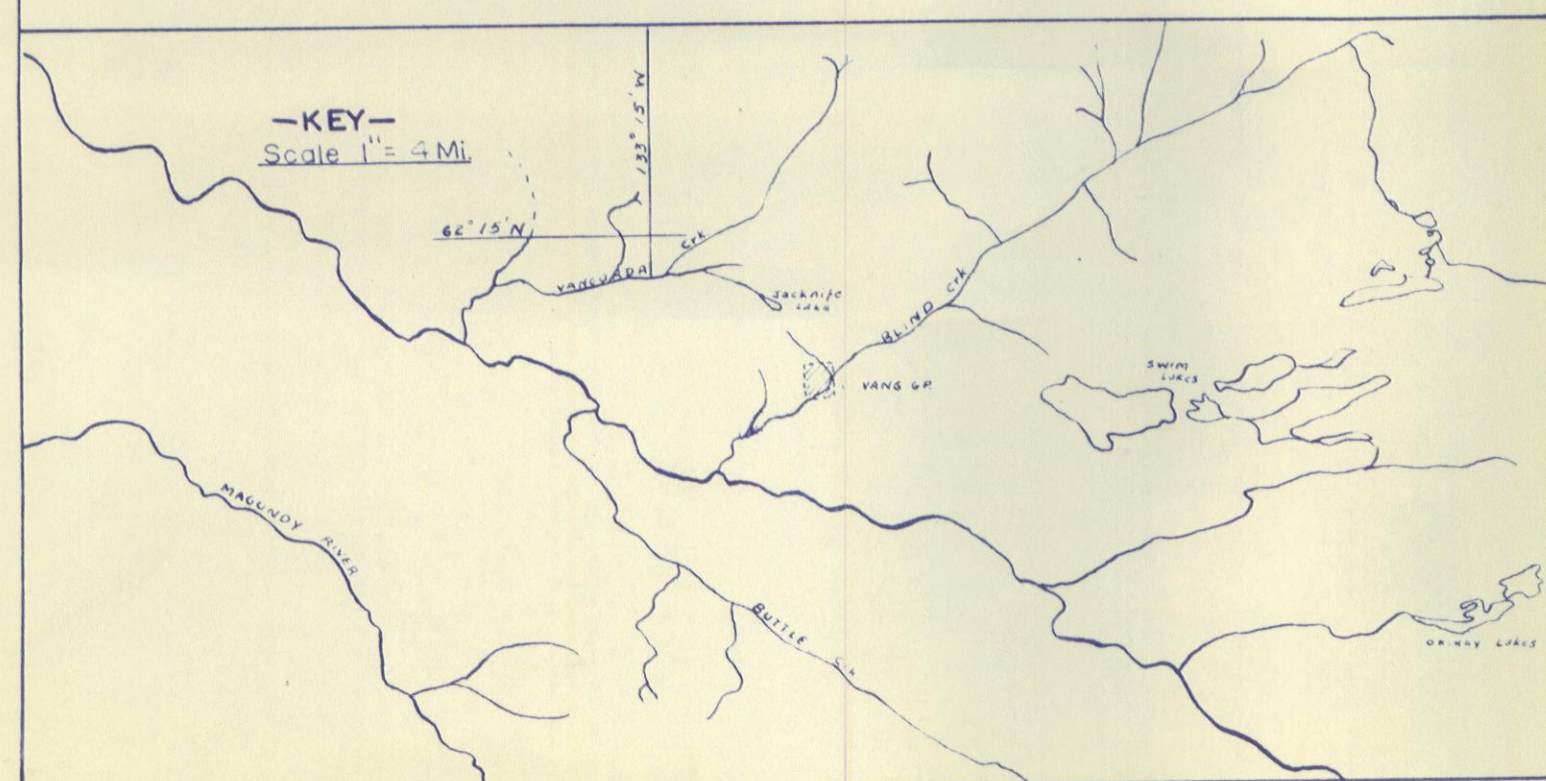
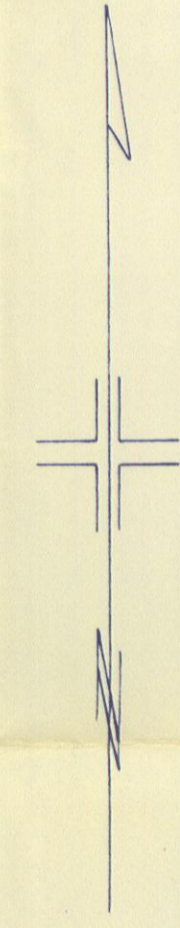
SCHIST

BLIND CREEK

TO PELLY RIVER

LEGEND

-  QUARTZITE
-  SCHIST
-  GLACIAL TILL
-  DIP SYMBOL



CONFIDENTIAL

GEOLOGICAL PLAN
VANG GROUP
PELLY RIVER DISTRICT
 -Y.T.-
 Scale 1" = 400'
 By *APowell*
 NOV. 1954

MAILED FROM
VANE 3/12/54
R/VANCOUVER, BC.
No 24126
W/H # 199

DEPT. OF NORTHERN AFFAIRS AND NATIONAL RESOURCES
Northern Administration and Lands Branch
LANDS DIVISION
DEC 7 1954
Whitehorse, Yt.
MINING RECORDER
Agent of Territorial Lands and Timber

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VANG 1

VANG 2

VANG 9

VANG 10

VANG 3

VANG 4

BUR GROUP

VANG 11

VANG 12

PELLY

VANG 5

VANG 6

VANG 13

VANG 14

GROUP

VANG 7

VANG 8

VANG 15

VANG 16

SCRAM GROUP



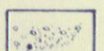

SCHIST

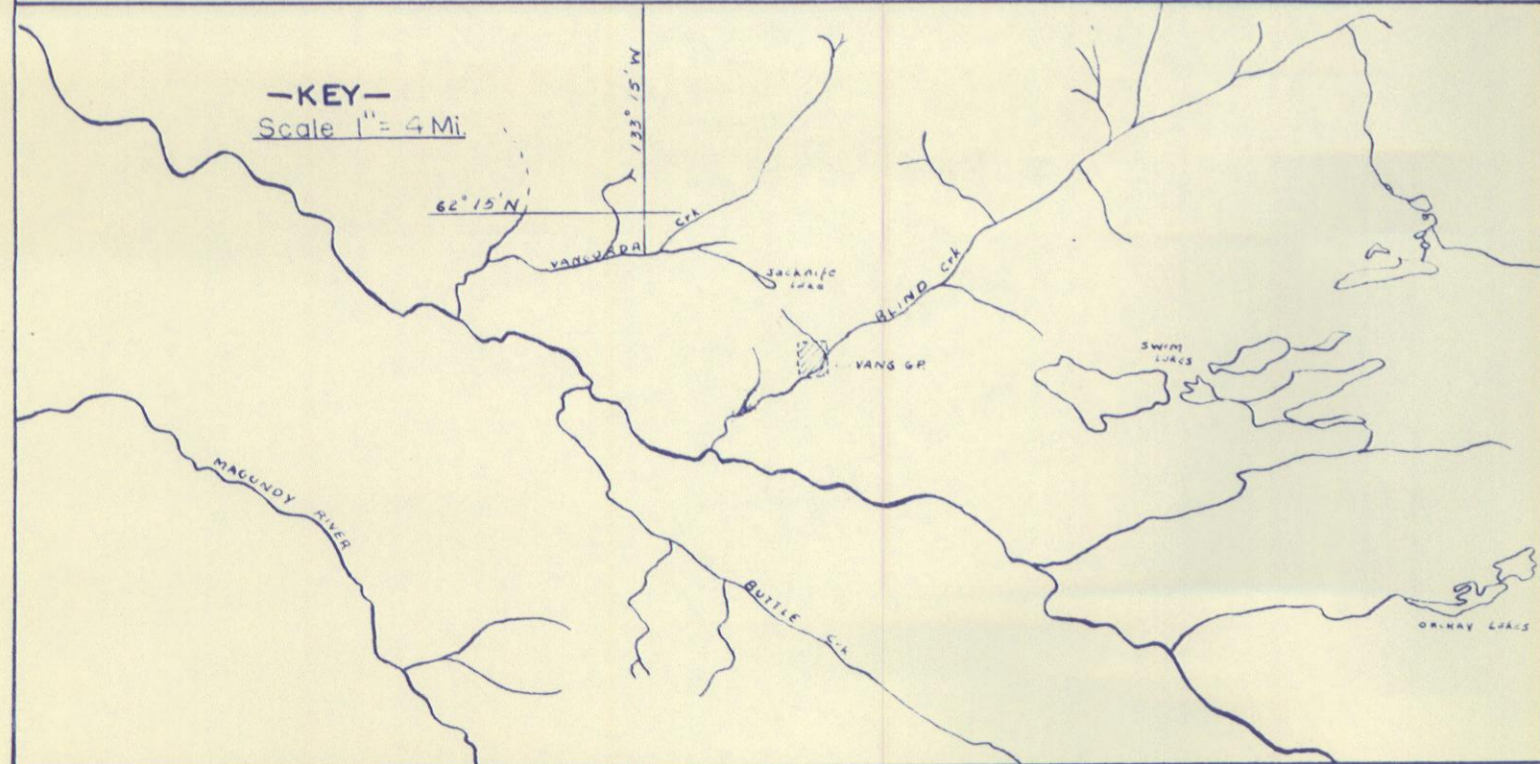
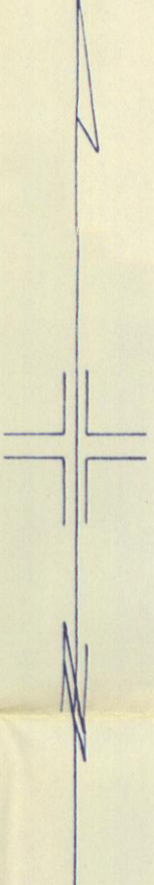
TO PELLY RIVER

BLIND CREEK

SHRUB CRY.

LEGEND

-  QUARTZITE
-  SCHIST
-  GLACIAL TILL
-  DIP SYMBOL



CONFIDENTIAL

GEOLOGICAL PLAN

VANG GROUP

PELLY RIVER DISTRICT

-Y.T.-

Scale 1" = 400'

By HPOWELL

NOV. 1954