

ANUK RIVER MINES LTD.  
QUINALTA PETROLEUMS LTD.  
FLEETWOOD RESOURCES LTD.

GEOCHEMICAL REPORT  
on  
SILVER KING EAST GROUP

49° 119° NW  
4 April, 1967 to 8 July, 1967.

W.S.Read - Engineer  
H.S.Lazenby - Geologist

82E/13W

1110

Geochemical Report

on

SILVER KING EAST GROUP

1967

Vancouver, B.C.  
16 November 1967

H. S. Lazenby  
Geologist

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ANUK RIVER MINES LTD.

SILVER KING PROPERTY

LOCATION MAP

Fig. 1.

BRITISH COLUMBIA

Scale



# Geochemical Survey of Silver King East group of Mineral Claims

1967

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## Introduction

The Silver King East group of mineral claims is located approximately 12 miles northwest of Peachland, B.C., in the Osoyoos Mining Division.

Between 4th April and 8th July, 1967, lines were cut and a geochemical survey was run covering parts of claims Rhonda 11, 12, 13, 14, Dawn 1, 2, 3, 4, and Molly 13, 14, 15, 16, 17, 18.

The geochemical work was done by a surveyor and his helpers under the supervision of a geologist. Lines trending north-south were cut through the bush and were tied in by chain and transit surveys. Together with the base line, the total line cut on this particular part of the property is in excess of 41,000 ft. The relation of the lines to the claim boundaries is shown on fig. 3 accompanying this report.

## Method of Survey

Samples of the sub-humus soil layer were collected at 200 ft. intervals on all the north-south lines. The samples were put into paper sample bags and their locations marked on the bags. Alternating samples on each line were assayed for copper and molybdenum by Technical Service Laboratories Ltd. and their results plotted.

The assays for copper were done by the hot HCl-acid extraction method and those for molybdenum by the Zn - dithiol method.

The purpose in assaying every second sample was to keep the assay costs to a minimum. It was felt that any anomalous areas would still be picked up and that they then could be further delineated by assaying the remaining samples from the particular area.

## Interpretation of Results

The area being discussed is underlain by the Nicola Group, an intermixture of altered greenstones and sediments. Much of the area is covered by glacial debris.

Previous tests illustrate that values up to 100 ppm copper and 3 ppm molybdenum are not uncommon and should be interpreted as being background values.

DOMINION OF CANADA:  
PROVINCE OF BRITISH COLUMBIA.  
To Wit:

In the Matter of

Geochemical work on the Silver King East group of mineral claims

I, H. S. Lazenby

of Anuk River Mines Ltd., 709 - 850 West Hastings Street

in the Province of British Columbia, do solemnly declare that the following work was done

7.9 miles of line cutting at a cost of \$70.00 per mile	553.00
G.E. Garraway - Surveyor and Soil Sampler	
4 April-8 July, 1967 - 8 days @ \$30.00	240.00
S. Feist - Surveyors helper and soil sampler	
4 April-8 July, 1967 - 8 days @ \$20.00	160.00
R. Wilkinson - Surveyors helper and soil sampler	
4 April-8 July, 1967 - 8 days @ \$20.00	160.00
H. S. Lazenby - Geologist	
4 April-8 July, 1967 - 4 days @ \$30.00	120.00
T.S.L. Ltd. - 104 assays @ 1.80	<u>187.20</u>
	1,420.20

\$1,400.00 to be applied as follows:

- \$100.00 to each of the following claims:
- Rhonda 11, 12, 13, 14
- Dawn 1, 2, 3, 4
- Molly 13, 14, 15, 16, 17, 18

And I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath and by virtue of the "Canada Evidence Act."

Declared before me at the *city*  
of *Vancouver*, in the  
Province of British Columbia, this *16<sup>TH</sup>*  
day of *November* *1967*, A.D.

*L. A. Strickler*

A Commissioner for taking Affidavits for British Columbia or  
A Notary Public in and for the Province of British Columbia.

★0

Sub-mining Records

Results of the assaying failed to reveal any meaningful geochemical pattern (fig. 3). The one area which at first glance appears to be anomalous, in fact contains only background values in copper. The hillside is fairly steep in this area and the soils present are generally residual, containing small, highly fractured fragments of limey volcanics. Minor specks of chalcopryrite along fracture planes were noted on this slope and probably account for the higher assays.

Statement of Qualifications

Graduated B.A. in geology from the University of British Columbia in May, 1955.

Professional Experience

- |             |   |
|-------------|---|
| 1955 - 1956 | Geologist, Rio Canadian Exploration Ltd.<br>engaged in mineral exploration in B.C.<br>and Quebec.   |
| 1957        | Geologist, Rio Tinto Finance & Exploration Ltd.<br>engaged in mineral exploration in British<br>Guiana.   |
| 1957 - 1960 | Geologist, Northspan Uranium Mines Ltd.<br>Lacnor mine, engaged in ore reserve<br>calculations, mapping, grade control,<br>diamond drill supervision.   |
| 1960 - 1967 | Geologist, Quebec Metallurgical Industries Ltd.,<br>Frobisher Ltd., Ventures Ltd., Falconbridge<br>Nickel Mines Ltd.<br><br>engaged in property development and<br>mineral exploration in British Columbia. |
| 1967        | Geologist, Anuk River Mines Ltd.<br><br>engaged in mineral exploration and<br>property development in British Columbia.   |

Vancouver, B.C.

16 November 1967

  
Geologist



November 16, 1967

The Mining Recorder  
Vancouver, B.C.

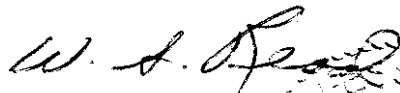
Dear Sir:

This is to certify that the work and report of H.S. Lazenby covering the geochemical survey on the Silver King East group was done under my supervision.

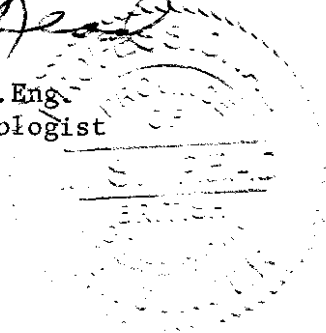
Mr. Lazenby is fully qualified as a geologist with 12 years field and underground experience since graduation.

Mr. G. E. Garraway is a fully qualified surveyor with many years experience in the field and underground.

Yours truly,



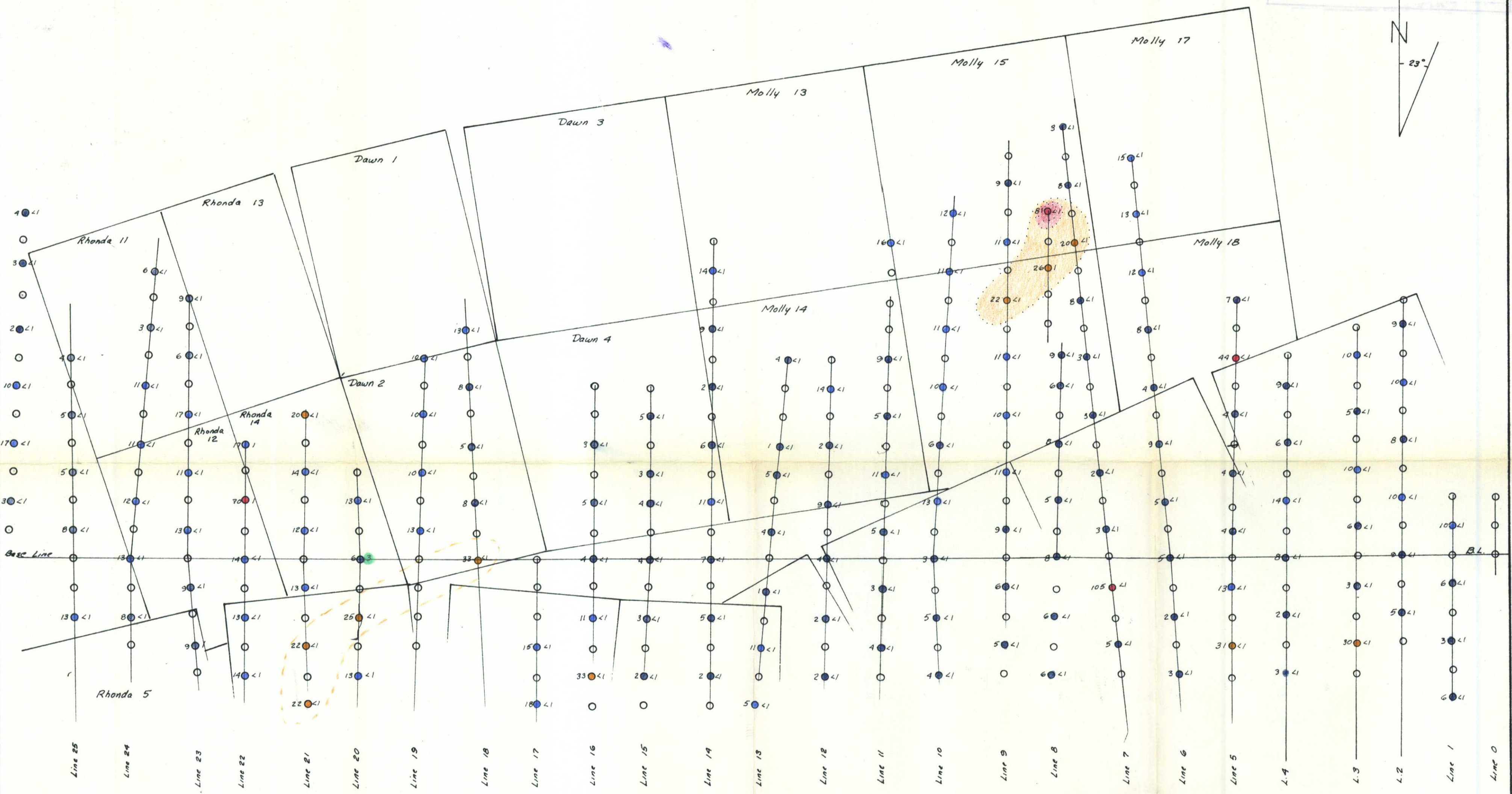
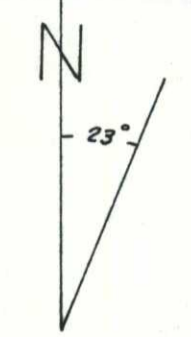
W. S. Read, P. Eng.  
Consulting Geologist



To accompany geochemical report by H.S. Lazenby  
 on the Silver King East group, twelve miles northwest  
 of Peachland, B.C., Osoyoos M.D., dated 16/11/67

*H.S. Lazenby*

NO. N.T.S. 82-E-13  
 DEPARTMENT OF MINES AND TECHNICAL SURVEY  
 BRITISH COLUMBIA



**LEGEND.**

MOLYBDENUM		COPPER	
> 3 = Significant values	○ Sample location	○ < 9 p.p.m.	○ < 9 p.p.m.
○ 32 Copper (p.p.m.)	○ 3 Molybdenum (p.p.m.)	■ 10-19 p.p.m.	■ 10-19 p.p.m.
		■ 20-39 p.p.m.	■ 20-39 p.p.m.
		■ 40-79 p.p.m.	■ 40-79 p.p.m.
		■ 80-160 p.p.m.	■ 80-160 p.p.m.

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FIG. 3  
 ANUK RIVER MINES LTD.  
 SILVER KING EAST GROUP  
 GEOCHEMICAL PLAN  
 SCALE: 1" = 500'  
 8/11/67  
 H.S.L.

To accompany geochemical report by H. S. Lazenby  
on the Silver King East group, twelve miles northwest  
of Peachland, B.C., Osageos M.D., dated 16/11/67.

*H. S. Lazenby*

N.T.S. B2-E-13

NO. WVB  
ASSESSMENT REPORT  
MINES AND PETROLEUM RESOURCES  
Department of

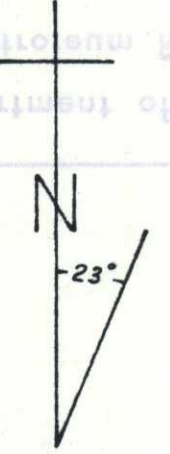


FIG. 2

ANUK RIVER MINES LTD.  
SILVER KING EAST GROUP  
CLAIMS MAP  
SCALE: 1" = 500'  
8/11/67

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