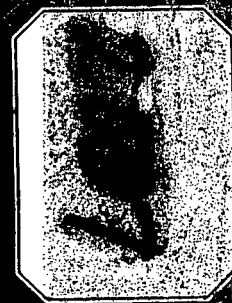


GEOCHEMICAL SURVEY - KAT GROUP  
RETALLACK, SLOCAN M.D., B.C.  
50° 117' S.E.  
DONALD W. SMELLIE, P.Eng.

D. W. SMELLIE  
SEPTEMBER 20, 1969



2037

GEOCHEMICAL REPORT

KAT GROUP

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FIGURE - Geochemical survey, KAT group,  
September 1969

Department of  
Mines and Petroleum Resources  
ASSESSMENT REPORT  
NO. **2037** MAP.....

## INTRODUCTION

A geochemical soil survey has been carried out on the KAT group. This property is located east of Retallack, B.C., and is owned by the author. Field work was carried out on September 20, 1969, by the author. Work was carried out on KAT 13 claim.

## PROCEDURE

Soil samples of the C horizon were taken at 100 foot intervals using a spade. They were packaged in wet kraft heavy duty envelopes specially designed for soil samples. They were air dried, and screened in an 80 mesh stainless steel screen. Analyses were carried out by Bondar-Clegg & Company Ltd. For molybdenum, pyrosulphate fusion was followed by a colorimetric determination, for copper, hot acid extraction with atomic absorption determination.

L24W

L16W

KAT 13

Cu	Zn
25	100
17	90
30	92
26	110
23	109
17	195
23	65

Cu	Zn
37	85
35	90
30	110
23	115
22	114
15	95
30	95
17	85

GEOCHEMICAL SURVEY

KAT GROUP

"C" HORIZON SOIL - P.P.M.

SEPT. 1969 1" @ 200 FT

17 125

17 115

27 140

20 140

35 125

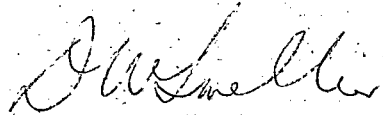
40 105

22 78

RESULTS

The copper and zinc values in parts per million for the C horizon soil samples are shown on the figure (in text). No significant anomalies occur.

Respectfully submitted,



D.W. SMELLIE, P.Eng.

October 23, 1969