

SPECIFIC PROJECT JEAN - 93N/2INTRODUCTION

The Jean group consists of 122 claims at the head of Jean Marie Creek southwest of Chuchi Lake. Access is by fixed wing aircraft to nearby lakes, thence by helicopter approximately seven miles to the property.

Prospecting, silt and soil sampling, linecutting and limited I.P. surveying were done during 1969. Interesting soil and I.P. anomalies were outlined which warrant further investigation.

1969 PROGRAM

The initial claims were staked to cover the vicinity of the Chuchi tungsten showing. (See page 193 Memoir 252).

Prospecting indicated a granitic intrusive two miles wide and at least four miles long. Silt sampling indicated anomalous copper and molybdenum levels in some creeks. Follow-up soil sampling was conducted on tape and compass grids using claim lines as base lines.

Results of the geochemical surveys with the present limited geological information were presented on Plates III and IV and Figures XI and XII in the "N.B.C. Syndicate Annual Report 1969".

In the southwest portion of the claim group a soil anomaly approximately 3200 feet long and 800 feet wide was outlined. Picket lines were cut across this area at 800' intervals and a series of base lines were established covering part of the claim group to the north.

An I.P. survey was conducted over this main anomaly by Seigel Associates. The summary from their report is as follows:

"An induced polarization survey on the present property has revealed modest increased chargeability responses which correlate with zones of above normal geochemical values. The amplitude of the observed responses could be caused by disseminations of less than 1% by volume of metallicly conducting material whose nature is as yet unknown, but which could consist of sulphides, magnetite or other polarizable material in unknown relative proportions.

It is recommended that detailed surface examinations, perhaps aided by trenching, be made in the anomalous areas to be followed, if warranted, by one exploratory diamond drill hole 400' in length herein proposed. Further drilling and induced polarization surveying should be predicated on the results of the first drill hole."

To the end of 1969 a total of approximately \$13,700 had been spent on this project. Recently \$11,500 worth of assessment work has been applied for with submission of the geochemical and I.P. survey reports to the B.C. Department of Mines.

1970 PROGRAM RECOMMENDED - to start about June 1st

- (1) More detailed geological mapping should be done in the vicinity of known geochemical anomalies.
- (2) Prospecting should be extended, especially along the north contact where rusty zones have been encountered. Mineralized float is present in the west portion of the claims and should be traced.

- (3) A magnetometer survey should be conducted in the presently known anomalous areas.
- (4) Lines should be cut at 800' intervals from existing base lines to facilitate these programs.
- (5) Diamond drilling should be conducted to investigate the best I.P. responses.
- (6) Further I.P. surveying is advisable but probably after results of the above work.

COST ESTIMATE

Linecutting	\$4,500
Magnetometer survey	800
Geology & supervision	2,200
Prospecting	1,500
Diamond drilling	10,000
Transportation, etc.	6,000
Geochemistry	1,000
Probable I.P. survey	<u>4,000</u>
Total	\$30,000

W.R. Bacon
for
W.R. Bacon,
Manager - N.B.C. Syndicate