

ATLAS EXPLORATIONS LIMITED

330 MARINE BUILDING
355 BURRARD STREET
VANCOUVER 1, B.C.

PROPERTY EXAMINATION #7THE JUDY GROUP

92-I-7

SUMMARY

The Judy Group of Claims lies approximately $1\frac{1}{2}$ miles east of the Guichon Batholith in a geological environment similar to the ore deposits at Craigmont. The Claim Group is entirely overburden covered. A soil-geochemical survey yielded copper values of low order. Government aeromagnetic maps show a marked contrast in the area of the Claims.

CONCLUSIONS

None of the anomalous values which were detected in this whole sampling survey seem to be of sufficient magnitude or aerial extent to merit any further work on our part.

RECOMMENDATIONS

My only suggestion to Ivan Greg was that he might possibly have a magnetic survey performed over the existing grid. Overburden cover might be too thick to yield reliable results from soil geochemistry.

INTRODUCTION

The property was examined at the invitation of Ivan Greg in the latter part of May, 1970. I spent approximately 2 hours on the property, mainly on the southern portion of the grid. The Judy Group is located on the Ashcroft Sheet in NTS area 92-I-7. The approximate latitude is $50^{\circ}29'$ and the approximate longitude is $120^{\circ}41'$. Access is from Kamloops via the Lac Le Jeune road - a distance of about 31 miles (see accompanying location map). The southernmost boundary of the Claims is immediately south of

INTRODUCTION (contd.)

the road where it passes Small Lake, about 1000 ft across. Immediately west of the Claim Group is an area which is set aside as a proposed townsite for Lorinex.

PROPERTY AND OWNERSHIP

The Judy Group of 40 Claims is currently owned by NewMine Developments Limited of Vancouver, B.C. The agent of the Company accompanied me to the property - Ivan Greg, Burnaby Street, Vancouver, B.C. The only work done on the property to date has been the cutting of grid to a 400' line spacing and the subsequent geochemical soil survey with a sample interval of 200'.

TOPOGRAPHY

The land in the vicinity of the Claim Group consists of rolling hills of sand and gravel, which are well-drained and covered with a scattered growth of scrub jack-pine. Water is available from the lake on the southern boundary of the Group.

HISTORY OF THE OCCURRENCE

The property was first staked by NewMine Developments Limited in 1969. Linecutting work on the property was performed by Amax Exploration Services Limited of Kamloops, B.C. in all 43.9 miles were cut. Soil sampling survey was carried out by McDonald Consultants of Vancouver, and analyzed by Bonder Clegg and Company, of North Vancouver, B.C. A total of 1,133 samples were collected and total digestion used. Report on the property was also written by Alfred R. Allen of Allen Geological Engineering, Vancouver, in May 1969. Report by McDonald Consultants is appended to this report, and excerpts of the report by Allen are also appended.

GENERAL GEOLOGY

The Judy Group of Claims is underlain by rocks of the Triassic Nicola Group. The contact with Guichon Batholith is about

GENERAL GEOLOGY (contd.)

1.5 miles west of the Judy Group property boundary. The Craigmont copper-iron deposit near Merritt, B.C., related to an off-shoot of Guichon granodiorite into the older Nicola rocks with structural controls playing a significant part in the deposition. Exploration work on the Judy Group was aimed at the discovery of a deposit of this type.

The Claim Group is entirely covered by overburden so no first-hand geological observations could be made in this report.

Respectfully submitted,



M.E. (Tim) Coates, P.Eng.

July 12, 1970

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