Dome AREA 1 CANOREX OPTION PERCUSSION DRILLING REPORT WEBBER PROJECT BY C.M. REBAGLIATI NOVEMBER 30, 1973 #45/3 861631

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# AREA 1 - CANOREX OPTION PERCUSSION DRILLING REPORT

WEBBER PROJECT

1973

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C.M. REBAGLIATI

NOVEMBER 30, 1973

## INTRODUCTION

A percussion drilling program was undertaken to explore a magnetic anomaly located at the projected intersection of two regional faults.

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The magnetic anomaly measures 1,600 ft. x 3,200 ft. and within the anomalous area there are two peaks. Three drill holes were planned to test the two magnetic peaks and the area between.

#### LOCATION

The magnetic anomaly lies just south of the confluence of Summers and Allison Creeks approximately 5 miles north of Princeton, B. C. The property is on N.T.S. Sheet 92-H-10 at latitude 49°31'N longitude 120°30'W.

### ACCESS

Highway #5 traverses the centre of the property and several gravel roads provide additional access.

#### DRILLING

Three holes totalling 628 feet were percussion drilled to test a magnetic anomaly. TONTO DRILLING LTD. of Vancouver was awarded the contract. The drill crew was mobilized on November 20, and drilling began on November 22. Drilling was completed on November 24 and the drill was removed the following day. A 3 5/8" bit with a 2 1/4" inside diameter was used for overburden drilling, and a 2" bit was used once bedrock had been reached.

The drill hole locations are plotted on the Compilation Map. This map and the graphic drill logs for the 3 holes are at the back of the report.

#### ASSAYING

The cuttings were split at the drill site by a 1:8 HUMBLE electric splitter to yield approximately 5 pounds of sample for each 10 foot section. The samples were analyzed by geochemical methods for copper.

The analyses were done by ACME ANALYTICAL LABORATORIES LTD. of Burnaby, B. C.

#### DISCUSSION OF RESULTS

Percussion hole #1 was drilled to test the area between the two magnetic peaks. This hole was abandoned at 108 feet when the penetration of the boulder-ridden gravel ceased.

Hole #2 was drilled to test the weaker western peak of the anomaly. Tertiary sandstone was encountered at 50 feet and continued to 270 feet where a green dyke was intersected. At 340 feet the hole re-entered and remained in sandstone to the end of the hole at 390 feet. Thin beds of shale and coal are interbedded throughout the sandstone. The geochemical analyses of the cuttings confirm that this hold did not penetrate the Tertiary cover.

The third hole was planned for the more intense eastern magnetic peak. This site had to be abandoned because of the presence of a 50 foot high gravel ridge. An alternate location 400 feet N-10°-E of hole #1 was selected. Hole #3 was abandoned at 130 feet in boulder-ridden gravel.

The prime target area, a magnetic anomaly located at the projected intersection of two regional faults, remains unexplored.

#### RECOMMENDATIONS

A diamond drill hole in the order of 400 feet deep is required to adequately test this target to determine if copper mineralization or an altered stock exists. Further diamond drilling may be warranted pending the results of this hole. If the hole is successful then it will be necessary to come to some kind of an agreement with John McAndrew to obtain his J.M. Claim Group which covers most of the magnetic target.

AREA 1 - COST ESTIMATE

Diamond Drilling	400 feet	6	\$12	\$4800
Mobilization Costs				400
Geochemical Analyses	20	0	2	40
Geologist	10 days	0	50	500
Meals and Accommodation	10 days	0	26	260
Transportation and Gas	10 days	6	20	200
Report and Drafting				200

\$6400



