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CARIBBEAN EXPLORATION CORPORATION
PITT LAKE - BOISE CREEK PROJECT

PROGRESS REPORT NO. 4

SEPTEMBER 15, 1967

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September, 1967

CHAPMAN, WOOD AND GRISWOLD LTD.

MINING ENGINEERS AND GEOLOGISTS

133 EAST 14TH STREET

NORTH VANCOUVER, BRITISH COLUMBIA

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I INTRODUCTION

Since July 31, all planned work other than diamond drilling and assaying has been completed. This work included soil sampling, chip sampling, geophysical surveying and claim surveying. The number of men in camp has been greatly reduced. A forest closure halted operations between August 18 and September 11.

II SUMMARY

All field work other than diamond drilling has been completed. Assay results to the end of D.D.H.#9 give an average copper equivalent of 0.16% Cu. D.D.H.#10, to be located immediately, should give an adequate test of the remaining potential area. Unless this hole yields favourable results, it is recommended that the Boise Creek project be stopped.

III DIAMOND DRILLING

D.D.H.#7, which was intended to test the I.P. anomaly along baseline between 13E and 19E, was abandoned in overburden at 130 feet.

D.D.H.#8 - a second attempt to intersect the I.P. anomaly and also abandoned in overburden, was stopped at 124 feet.

D.D.H.#9 - the third attempt to penetrate bedrock and test the I.P. anomaly, was collared in Boise Creek very close to outcrop. The

hole was drilled at -40° on a bearing of 141° and bedrock was reached at 12 feet. Maintaining sludge recovery presented problems at 585 feet and at 655 feet. The hole was temporarily stopped at 655 feet for the forest closure, and upon recommencement of work on September 13th, it was found virtually impossible to recover sludge circulation without casing. On the basis of poor copper and molybdenite values and the belief that the source of the I.P. anomaly had been seen in increased pyrite content, the hole was stopped at 655 feet.

An error had been made in locating D.D.H.#9, the bearing being 141° rather than 165° as intended. Due to unusual circumstances, this error was not discovered as soon as it should have been. It was intended that the hole should pass 550 feet beneath baseline, 16E at a depth of 800 feet in the hole. As it is, the end of the hole is at 14+00N, 18+00E and 525 feet beneath the surface. The extension of the hole would pass beneath baseline at 19+65E.

IV SAMPLING AND ASSAYING

Sludge samples and split core check samples have been taken as usual. To date, the copper equivalent from core assays is 0.15% Cu while from sludge assays it is 0.16% Cu.

V GEOPHYSICS

An I.P. Survey was started on line 8+00E to assist in delineating D.D.H.#10 on the north side of Boise Creek. The forest closure stopped this survey with only one of the two transmitter set-ups completed. However, this portion of the survey gave the information required to support the geochem anomalies on the north side of

Boise Creek and will assist in locating D.D.H.#10.

VI GEOCHEMISTRY

A few additional samples have been taken to give a good coverage to the area and complete this portion of the programme.

VII CLAIM SURVEYING

Mr. Langlois has located key mineral claim posts in the area of interest with respect to the grid lines. For purposes of drawing a claim map upon which to base assessment work, either a more comprehensive survey is required or an idealized map must be used.

VIII CONCLUSIONS

D.D.H.#10 should be located near 8+00E, 17+00N and drilled northerly into the hill at a low vertical angle. This will test the northern I.P. and geochem anomalies on this line and the ground beyond them. Any remaining areas not tested by diamond drilling are not likely large enough to contain an ore body under the local terrain conditions.

IX RECOMMENDATIONS

As the last remaining area for a potential ore body is to be tested by D.D.H.#10, the Boise Creek Project may best be terminated barring favourable results from this hole. Maps and reports should then be finalized and certificates of work applied for at the Department of Mines.

Respectfully submitted,

CHAPMAN, WOOD & GRISWOLD LTD.



V. W. Shuttleworth
Geologist

September, 1967