

Dr. HARRISON: That is true, although at Pelly last year we did use a small airplane and made spot checks throughout the whole area to get an idea as to where we might best conduct more comprehensive investigations.

Mr. DUMAS: What will be the area covered by Coppermine?

Dr. HARRISON: This map was drawn up the other day. "Operation Coppermine" is this yellow block in here.

Mr. DUMAS: And which is "Operation Pelly?"

Dr. HARRISON: This one here.

Mr. DUMAS: Then you have another operation in the district there of 125,000 square miles on Victoria island in the Arctic archipelago?

Dr. HARRISON: That is this spot here.

Mr. DUMAS: This is a very large operation.

Dr. HARRISON: Yes. In the sense of the other operations it is not quite the same. Last year as a trial we attempted to use a small Piper Cub as a fixed wing aircraft to operate throughout the islands and as reported in the recent circular to which you referred earlier something like 450 landings were made in 300 different unprepared localities with this airplane at a very reasonable rate. We intend to extend this kind of operation this year as a result of the experience gained last year. It is not an expensive operation and covers a large territory and for that reason we marked it separately.

Mr. DUMAS: You mean this will be a less expensive operation than Fort George, for instance?

Dr. HARRISON: Yes.

Mr. HARDIE: Why?

Dr. HARRISON: Because the Arctic islands in this region are relatively flat, and with the oversize wheels and the low pressure tires we find the aircraft can land within a reasonable distance of any place the geologist might wish to go. The Piper Cub operates for \$35 an hour and covers 100 miles in an hour; the helicopter costs \$100 an hour and covers 50 miles in an hour.

Mr. HARDIE: Is Banks in that operation?

Dr. HARRISON: Yes. Banks is one of the main islands, the larger is Victoria.

Mr. HARDIE: Is this Coppermine area, the one in which you will work this year, the same area in which this huge subsidiary company of Eldorado Mining and Refining is going to investigate over the next two years?

Dr. HARRISON: I imagine it will cover all the area they are going to investigate. But we will do a great deal more than that. That is purely coincidence, I might say.

Mr. DUMAS: In the province of Quebec, the yellow part on the map is Fort George?

Dr. HARRISON: Yes, that is Fort George. And, in addition to that, there are some other mapped areas that were being done by more conventional methods. We are taking advantage of the opportunity of sharing the cost of chartering aircraft with the Dominion Observatory, and in order to make efficient use of the aircraft we are putting three parties in the Quebec-Labrador district.

Mr. DUMAS: I was very interested to see that the cost of this operation is only \$2.03 per square mile.

Dr. HARRISON: So are we.

Mr. DUMAS: That is very interesting. But it does not include salaries and wages of the staff?

Dr. HARRISON: No.