

March 25th, 1970.

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EXPLORATION PROPOSAL - (117-B)

Archer and Cathro have staked four groups of claims in the British and Barn Mountain Ranges of the Arctic Plateau. Claims have been staked over areas of porphyritic granitic intrusives such as are found in the Old Crow Range. These showings and geochemical anomalies were mainly discovered and located by Operation Porcupine of the Geological Survey. However, one of them used to belong to the British Yukon Syndiate. Their claim groups are located on:

1. Frobecks showing
2. Fitton showing
3. North Fitton showing
4. Sedgewick showing

Much work has been done in the area by oil companies based out of Bonnet Lake located southeast of Mount Fitton. In 1969, 9 helicopters were based out of there for support of oil exploration work.

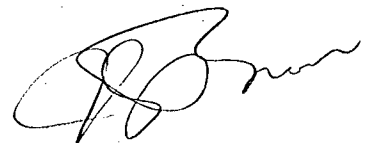
Archer and Cathro are financed by an unknown company from South Africa and plan to conduct regional geochemical surveys in this area using a helicopter supported party.

Recommendations

Atlas should gather more information on mineral possibilities of the British Mountains. Tom Adamson will order limited photo coverage for the areas of known showings in order that topography may be studied pending possible helicopter supported geochemical surveys. Previous year's mineral industry summary reports should be looked at to determine what exploration activity was carried out in the past ten years.

There is no detailed geologic information on this area. Geological Survey geologists formerly on the Porcupine Operation should be talked to.

J. S. Brock





PRELIMINARY SERIES

