INTER-OFFICE MEMORANDUM

OCT 10'74 PM

1112 West Pender, Vancouver, B.C.

DATE: October 7, 1974

TO: S. N. Charteris

COPIES TO:

D. H. Brown

DEPT. OF MINES

MID PETROLEUM RESOURCES

FROM:

J. J. McDougall

SUBJECT:

10826

The following will be incorporated in the '74-'75 Budget Report:

With "unused" hours remaining on the helicopter, a number of checks were made by the writer and B. Manchuk of a number of properties in southern B.C. during the period Sept. 30 - Oct. 4.

Ruddock Creek

Visual and ground checks of the anomalous Aerodat Mag-E.M. areas at Ruddock Creek confirmed the following:

- (1) The magnetic anomalies are entirely legitimate and require a ground follow-up. Appreciation of the magnetics in the past was not realized. Our M.F.I. magnetometer obtained up to 1500 distinct anomalous gammas over several of the zones and it is conceivable that sensitive ground work can outline down-plunge continuation if the pyrrhotite persists. This could guide our proposed drill program.
- (2) The high E.M. anomaly A 26 north of the T zone appears to be due to a 490 foot knife-like ridge separating the snow patch from talus immediately north of the lake. There was a comment at the time of the Aerodat survey that "the bird may have hit the ground" and this appears possible in the writer's view. The zone in question was just beyond the area of earlier detailed mapping; the writer would discount this anomaly completely although the T zone to the south of it is moderately reproducible magnetically.

Available daylight did not permit Mag recce of the proposed first order fold west of the E zone. If, after further ground work, most other 'thickenings" are magnetically responsive, a proper Mag survey is in order to help determine its presence.

The metal Butler building and the wooden "dry" are in good shape and only a couple tent frames (complete) are required. Okanagan will have a 204 helicopter working intermittently, at nearby Mica Creek.

82M/15W

J. J. McDougall

c.c. Dr. J.T. Fyles

JJM: fn

Department of Mines & Petroleum Resources

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REFERRED TO DATE INITIAL D.M. ADM (M) ADM (P) C.G.C. C.P.R. DCGC ACPR G.C. ACCTS. SECL. INSP. M. REV. EC. & P. Propert File. FILE NO. HILING CLERK

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