MAR 19690050: FORT VERMILION

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CONSULTING GEOLOGIST

ECONOMIC MINERALS

FILE REPORT No.

TEMPLETON EXPLORATION LTD. 302, 627 - 8TH AVENUE S.W. CALGARY, ALBERTA

June 7, 1969

Inland Chemicals Ltd.
P.O. Box 4183
Station "D"
VANCOUVER 9 British Columbia

ATTENTION: MR. R. CAMPBELL

Sulphur Prospecting Permit No. 19 Summary, Exploration Report Six Month Period Ending May 21, 1969

Dear Sirs:

The above noted Sulphur Prospecting Permit was renewed November 21, 1968.

It was originally planned to carry out additional surface geological investigations and shallow core for drilling during the period under review. Upon further consideration and in view of the very cold winter, this plan was considered impractical. Accordingly it was decided to delay any on the ground investigations until the summer or fall of 1969 and, during the period under review to continue with regional and air photo studies and near surface sample examinations.

Additional aerial photographs were obtained of this area and these were reviewed. On the basis of this study it appears likely that Devonian outcrops will be found on Permit No. 19. This will require further field investigation to confirm and to check for the possibilities of adjacent sulphur occurrences.

Three wells were drilled during the past year in the vicinity of the permit. Information obtained from these three holes was incorporated into previous sub-surface studies carried out by J. C. Sproule and Associates and by Templeton Exploration Ltd. It is expected that near surface samples will be obtained on these holes. Studies will be made of these samples and correlated with studies carried out on seismic shot hole samples obtained from Hudson's Bay Oil and Gas Company in 1968.

Summary and Recommendations

Due to the impracticability of carrying out surface investigations during the winter months, this phase of the work program has had to be postponed until later in 1969. Work done over the past winter, however, has lead to the conclusion that additional work is justified.

It is recommended that the following exploration plans be adopted for the summer of 1969:

- 1. That all near-surface drill-cuttings and logs on the three newly drilled wells be examined and incorporated into previous studies.
- 2. That surface geological investigations be made on Permit No. 19 along the banks of the Mikkwa River to check for the possible occurence of a Devonian outlier and any sulphur occurrences in the area and adjacent to this outlier.
- 3. That if Devonian rocks are found at the surface and/or sulphur occurrences are noted by the geological surface party, shallow core hole drilling will be undertaken.

Yours truly,

TEMPLETON EXPLORATION LTD.

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C. W. Templeton Consulting Geologist

CWT:SM

June 7, 1969

Inland Chemicals Canada Ltd. P.O. Box 4183 Station "D" VANCOUVER 9, British Columbia

I N V O I C E

TO: Geological and air-photo studies of Fort Vermillion area with particular reference to Mikkwa River area and Sulphur Permit No. 19.

Our Fee:

\$ 3200.00

TEMPLETON EXPLORATION LTD.