Gulf Minorals Canada Limifed

SUITE 1400, 110 YONGE STREET, TORONTO, ONTARIO M5C 1T4. (416) 362-6825

840039

May 3, 1978

Mr. Harry Hagman P.O. Box 47 Houston, B.C.

GMC 1020

Dear Mr. Hagman:

Please find enclosed a short report, plus rock descriptions and assays of the same. As can be seen in the report I do not think the property would be a viable one for a large operator.

I would, however, like to thank you for bringing your property to our attention and allowing us to inspect it. All the best.

Yours sincerely,

T.H. Camp سال

T. H. Carpenter

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### TOPLEY SILVER CLAIM

### LOCATION AND ACCESS

The claims are located on the south side of Richfield Creek, approximately 4 1/2 miles from Topley B.C. and 2 miles east of the Topley-Granisle highway. The claims can easily be reached by road.

### HISTORY

Several adits were driven into the richer sections of the mineralized quartz vein during the 1930's and an unknown quantity of material removed. Work since then has consisted of prospecting, diamond drilling and stripping of the main vein by the present owner, Mr. Harry Hagman of Houston, B.C., who has also done additional diamond drilling.

#### GEOLOGY

The area of the Topley Silver claims is made up of andesite, fragmental andesite and tuff. These rocks are part of the lower and middle Jurassic Hazelton Group of volcanics and sediments.

The mineralization is made up of galena, sphalerite, azurite and chalcopyrite in E-W and NE-SW trending quartz veins and limonite gossaniferous zones. The largest of the quartz veins in several feet in width and extends over 500 feet of exposed outcrop. By far the richest mineralization is found in this vein which contains pods of mineralization over its length.

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A grab sample from the largest of these pods contained 13.2% Cu, 0.23% Zn, 0.028% Pb and 3.07 02/ton Ag. A previous grab sample, T-1 (see map) contained 52.6% oz/t Ag.

The gossaniferous zones contained little evident mineralization. (Sample #B7079-HH3).

# CONCLUSIONS

The mineralization is predominantly contained within quartz veins and along some fractures. Both the veins and the mineralization are the result of hypogene solutions possibly related to late stage volcanism or magmatic intrusions.

# RECOMMENDATIONS

The limited nature of the mineralization in the area would be of little interest to a major exploration company. The high silver content of the mineralization however, would probably make it economic for a small 1-2 man operation.

# T. Carpenter

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