

MAR 19690060: ALBERTA

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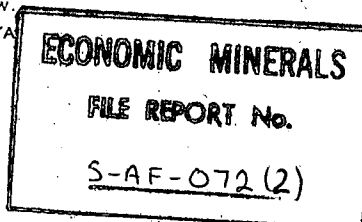
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January 18, 1969

Mr. A. D. Houston,
Native Mines Limited,
621 - 602 West Hastings Street,
Vancouver 2, British Columbia.

Re: Sulphur Prospecting Permit No. 72

Dear Sir:

Further to our letter of January 14, 1969 we submit herewith the results of the analyses by Loring Laboratories Ltd. The following table compares the results with the previous analyses.

Sample No.	Sulphur Percent By Weight of Dry Sample	
	By Chemical and Geological Laboratories Ltd.	By Loring Laboratories Ltd.
72-2-1-8'	23.00	1.89
72-3-1-8'	77.13	2.22
72-4e-1-8'	100.00	5.76

We have discussed these results with the managers of the two laboratories and there seems to be agreement that errors in analyses for elemental sulphur can develop if the samples have a high organic content. In other words, it is apparently possible that organic materials or paraffins may be recorded as sulphur. It is also apparent, however, that the discrepancy between these two sets of results is most alarming.

We recommend that you authorize us to get analyses made at a third laboratory, perhaps the Coast-Eldridge Laboratory in Vancouver, or another of your choice.

It is, of course, still possible that the initial analyses may be correct. We have, however, failed to confirm the higher values on permits of other clients as well as yours. We have, therefore, written a letter to Mr. H. H. Somerville, the Deputy Minister of the Department of Mines & Minerals


in Edmonton, advising him of this development and telling him that certain of our clients, who may have applied for renewal of their permits as a result of our recommendations based on the initial analyses, may wish to cancel their applications. We have asked the Department to give favourable consideration in such cases.

We realize that Permit No. 72 has already been renewed. Before discussing this matter further with the Department, we believe, however, that an additional analysis should be made.

May we have your further instructions in this matter as soon as possible.

Yours very truly,

J. C. SPROULE AND ASSOCIATES LTD.


S. R. L. Harding, P. Geol.

SRLH/ab