

Mr. MACDONALD: Mr. Bartholomew, at page 46 of your brief you state that geologically the Windermere valley is a far more attractive valley in which to build dams. What reports do you have to support that statement and can you tell us the depth of bedrock at the Luxor-Bull river sites?

Mr. BARTHOLOMEW: I am afraid I am unable to answer that question. I have discussed the Rocky mountain trench with geologists, but I cannot answer your question on the basis of first hand knowledge. I am advised that the structure in the Windermere valley is essentially bedrock. Geologists have told me that while criticisms have been made about the fact that only one whole was sunk to determine the situation at the Dorr site, it is almost certainly a suitable dam site. The only reason they drilled that one hole was to determine whether the structure continued through in such mass and extent to ensure the possibility of a sound foundation.

Mr. MACDONALD: Could you identify the geologists for us?

Mr. BARTHOLOMEW: I believe Mr. Bill Smitheringale informed me about the situation.

Mr. MACDONALD: What is Mr. Smitheringale's background?

Mr. BARTHOLOMEW: Mr. Smitheringale is a Ph.D. When I first knew him he was the geologist-manager of Island Mountain Gold Mine in the Cariboo. He subsequently left that company and started a consulting practice. He was never able to make a brilliant enough report satisfy the brokers and accepted employment with the Conwest Company who sent him out into British Columbia. He solved the vein structure for United Keno Hill Mine which has been since then a great success. Mr. Smitheringale was the individual who located the Cassiar Asbestos deposits. In Western Canada Mr. Smitheringale is considered one of the best geologists.

Mr. MACDONALD: Mr. Bartholomew, you have referred to two projects up in the Yukon. When did Mr. Smitheringale work on the on site investigations in the Windermere valley?

Mr. BARTHOLOMEW: I cannot tell you what work he has done in respect of the Windermere valley but he does know the geology in respect of the Rocky mountain trench.

Mr. MACDONALD: Did he inform you that bedrock would be available at the Luxor-Bull river-Dorr sites?

Mr. BARTHOLOMEW: He said that the result of the drilling of a hole at the sites indicated the probable availability of good foundations.

Mr. MACDONALD: Thank you very much.

Mr. HERRIDGE: Mr. Chairman, I should like to ask several questions.

Mr. PUGH: Mr. Chairman, I should like to ask one or two related questions.

The CHAIRMAN: If your questions are short rather than extended and related to this subject perhaps you should ask them now.

Mr. HERRIDGE: If Mr. Pugh has several related questions I will be glad to wait to ask mine.

Mr. PUGH: In respect of this Bull river-Luxor-Dorr project, would the Windermere valley be flooded rather than the Kootenay valley?

Mr. BARTHOLOMEW: That is correct.

Mr. PUGH: Thank you.

Mr. HERRIDGE: Mr. Bartholomew, do you consider yourself a thoroughly informed person in respect of this subject?

Mr. BARTHOLOMEW: I think I am, Mr. Herridge.

Mr. TURNER: I did not hear the question.